95/96 A16

# DIAMOND DRILL REPORT
## on the
## PURPLE MINERAL CLAIM GROUP

Cariboo Mining Division 93B/9E & 9W

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

Owner/Operator: Gibraltar Mines Limited

McLeese Lake, B.C.

Authors: G.E. Barker / M. Rydman November 1995

25352
Part 3 of 3

GIBRALTAR

McLEESE LAKE OPERATION
P.O. Box 130
McLeese Lake, B.C.
Canada
V0L 1P0

Tel: (604) 297-6211 Fax: (604) 297-6546

f:\BARKER\EXPLBC\EXPBCPAY.DOC

November 21,1995

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NOV 24 1995
EXPLORE B.C. PROGRAM
MEMPR

Mr. V.A. Preto
Manager, Explore B.C.
Ministry of Energy Mines and Petroleum Resources
Fifth Floor, 1810 Blanshard Street
Victoria, B.C.
V8V 1X4

Dear Mr. Preto

Re: EXPLORE B.C. PROGRAM, GRANT ID NO. 95/96 A-16
APPLICATION FOR PAYMENT
GIBRALTAR MINES LIMITED -McLEESE LAKE PROPERTY

Enclosed please find our Explore B.C. "Application For Payment" along with technical reports covering exploration work done at Gibraltar's McLeese Lake Property during 1995.

For completeness, we have submitted reports covering all our 1995 exploration work. As you know, we had assumed (based on our experience with the Explore B.C. Program in 1994) that all exploration work performed after the date of application for funding might qualify as eligible expenditures, therefore, we have listed our total exploration expenditures on the "Application For Payment" for your evaluation and records.

In light of our phone conversations in July and November of this year regarding work done before and after receiving the "Agreement for Funding". We have also divided the 1995 exploration costs as follows.

**Pre Agreement Costs**

| | | |
|---|---|---|
| Diamond Drilling | | $162,715.21 |
| Misc. Supplies (core boxes, bags etc.) | | $7,135.65 |
| Rental Vehicle | | $3,319.67 |
| Assaying | | $16,134.32 |
| Temporary Personnel (wages) | | $20,683.00 |
| | **Total** | **$209,987.85** |

GIBRALTAR

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McLeese Lake, B.C.
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Tel: (604) 297-6211 Fax: (604) 297-6546

**Post Agreement Costs**

| | | |
|---|---|---|
| Misc. Supplies (flagging, topo string etc.) | | $451.44 |
| Rental Vehicle | | $3,514.95 |
| Assaying | | $7,523.69 |
| Special Testing | | $2,095.00 |
| Temporary Personnel (wages) | | $18,522.00 |
| Report Preparation | | $1,614.25 |
| | **Total** | **$33,721.33** |

Yours truly,
GIBRALTAR MINES LIMITED

George E. Barker, P.Geo.
Senior Geologist



GIBRALTAR MINES LIMITED

CORPORATE OFFICE 266 Oliver Street, Williams Lake, B.C. Canada V2G 1M1 Tel: (604) 398-6211 Fax: (604) 398-8671

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

BC

Grant No. 95/96 A-16

# EXPLORE BC PROGRAM

# APPLICATION FOR PAYMENT FORM

- Please type or print
- Please submit completed form, **two copies of the final technical report, and complete cost statement** to:

*Mailing address: Manager, EXPLORE BC PROGRAM*
*Ministry of Energy, Mines and Petroleum Resources*
*5th Floor, 1810 Blanshard Street*
*Victoria, B.C. V8V 1X4*

**Date of Application**
NOV. 21, 1995

Applicant: GIBRALTAR MINES LIMITED

Address: P.O. BOX 130

City: McLEESE LAKE Province: B.C. Postal Code: V0L 1P0

Mailing Address (if different from above)

Name:

Address:

City: Province: Postal Code:

British Columbia Free Miner Certificate No. 109531

I/We, GIBRALTAR MINES LIMITED hereby apply for payment of a grant under the EXPLORE BC Program and declare the information given above to be true and accurate.

| | |
|---|---|
| G E Barker | GEORGE E. BARKER |
| Signature of Applicant or Signing Officer | Name (please print) |
| SENIOR GEOLOGIST | McLEESE LAKE PROPERTY |
| Title/Occupation (please print) | Project Name (please print) |
| GIBRALTAR MINES LIMITED | NOV. 21, 1995 |
| Company (please print) | Date |

**EXPENDITURES** (N.B. Please provide actual all-inclusive costs, including salaries and wages, equipment and machinery rental, supplies, services, transportation and accommodation directly attributable to the field program.)

**(a) For the following, the full cost (100% of expenditures*) are eligible:** * please see enclosed covering Letter

| | | |
|---|---|---|
| **Geological Surveys, Map and Report Preparation and Related Costs** | | $ 1,614·25 |
| **Geophysical Surveys (line-kilometres)** | | |
| Ground | | |
| Magnetic | $ | |
| Electromagnetic | $ | |
| Induced Polarization | $ | |
| Radiometric | $ | |
| Seismic | $ | |
| Other | $ | |
| Airborne | $ | |
| | $ | $ |
| **Geochemical Surveys (No. of samples analysed 20 )** | | |
| Soil | $ | |
| Silt | $ | |
| Rock | $ 445·00 | |
| Other | $ | |
| | $ 445·00 | $ 445·00 |
| **Drilling** | | |
| Surface 4959·32 m @ $ 32·81/m = | $162,715·21 | |
| Underground m @ $ = | $ | |
| | $162,715·21 | $162,715·21 |
| **Related Technical Surveys** | | |
| Sampling/Assaying | $ 23,658·01 | |
| Petrographic | $ | |
| Mineralogic | $ | |
| Metallurgic | $ 1,650·00 | |
| | $25,308·01 | $25,308·01 |
| **Preparatory/Physical** | | |
| Line/Grid (kilometres) | $ | |
| Trenching (metres) | $ | |
| | $ | $ |
| **Other Exploration Costs (attach detailed schedules)*** | | |
| Temporary Personnel (wages) | $ 39,205·00 | |
| Rental Vehicle | $ 6,834·62 | |
| Misc. Supplies | $ 7,587·09 | |
| *please see detailed statements of cost in Tech. Reports | $53,626·71 | $53626·71 |
| | | |
| **Total Eligible Expenses** | $ | $243,709·18 |

**(b) For the following activities only 25% of total costs are eligible:**

| | | |
|---|---|---|
| **Tunneling, Drifting, Other Lateral Excavation, Shaft Sinking (25% of total expanses are eligible)** | | |
| ..... m @ $..... = x 25% = | $ | |
| ..... m @ $..... = x 25% = | $ | |
| | $ | $ |
| | | |
| **(c) TOTAL ELIGIBLE EXPENDITURES:** | $ | 243,709·18 |

**SUPPLEMENTARY INFORMATION:** The following information is required in order to help us determine the contribution which mineral exploration activity makes to the economy, and relates to the utilization of B.C. vs outside labour and services. Only figures directly attributable to the funded program should be included (approximate figures acceptable, but please be as accurate as possible).

**(a) Employment, wages and salaries**

| Type | No. Employed | | No. Person-Days | | Salaries/Wages Paid | |
|---|---|---|---|---|---|---|
| | B.C. | Outside | B.C. | Outside | B.C. | Outside |
| Prospectors | | | | | | |
| Linecutters | | | | | | |
| Technicians | | | | | | |
| General Labourers | 1 | | 76 | | $10,198.00 | |
| Drillers/Helpers | | | | | | |
| Equipment Operators | | | | | | |
| Geologists | 1 | | 120 | | $18,255.00 | |
| Geophysicists | | | | | | |
| Geochemists | | | | | | |
| Engineers | | | | | | |
| Supervisory | | | | | | |
| Consulting | | | | | | |
| Secretary | | | | | | |
| Managerial | | | | | | |
| Legal | | | | | | |
| Accounting | | | | | | |
| Geology Student Others (specify) | 1 | | 89 | | $10,752.00 | |
| Others (specify) | | | | | | |
| | | | | | | |
| Totals | 3 | | 285 | | $39,205.00 | |

**(b) Goods and Services**

| Description | Expenditure | |
|---|---|---|
| | B.C. | Outside |
| | $ | $ |
| Meals, Groceries, etc. | | |
| Camping Supplies, Equipment, etc. | | |
| Accommodation | | |
| Transportation - Scheduled Air | | |
| - Air Charter | | |
| - Vehicle Rentals | 6,834.62 | |
| - Vehicle Operating and Maintenance | | |
| - Other (specify) | | |
| Equipment Rentals - Trenching, etc. | | |
| - Geophysical, etc. | | |
| - Other (specify) | | |
| Drilling | 162,715.21 | |
| Consultant Services | | |
| Assays and Analyses | 25,753.01 | |
| Communications | | |
| Other (specify) MISC. SUPPLIES | 7,587.09 | |
| | | |
| Totals | $ 202,889.93 | $ |

## Impact of Explore BC Grant

(a) Please indicate what level of expansion of your project was attributable to receiving an Explore BC grant.

$ (40,000)* 17 %

87 Person-Days of employment

(b) Please indicate what you feel to be the main achievement of this Explore BC funded program.

*Our initial 1995 exploration budget was set with the anticipation that approximately $40,000 might be obtained as a grant (This assumed that all expenditures occuring after the date of application might be eligible). No budget change occured after the grant was awarded in July.

# DIAMOND DRILL REPORT
# on the
# PURPLE MINERAL CLAIM GROUP

Cariboo Mining Division

93B/9E and 9W

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

GIBRALTAR

OWNER and OPERATOR
Gibraltar Mines Limited
P.O. Box 150
McLeese Lake, B.C.
V0L 1P0

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,352

Authors: G. E. Barker
M. Rydman

Submitted: November 1995

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## 1. INTRODUCTION

The Purple Mineral Claim Group forms part of the Gibraltar Mines permanent property and includes a large portion of the tailings pond. It also includes the northeastern corner of the Gibraltar East Pit and the northwestern and northeastern corners of the Pollyanna Pit. 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 older claims of the Purple Group have a history in common with other claim groups of the Gibraltar Mines property. Complete details of history are provided in a number of reports listed in the attached bibliography.

This report covers a diamond drill program designed to test for high level oxide copper and deeper sulphide copper mineralization between the Gibraltar East Pit and the Pollyanna Pit. Fourteen vertical diamond drill holes totaling 1807.5 m (5930 feet) were completed during the period April 19 to May 2, 1995 by L.D.S. Diamond Drilling Ltd. of Kamloops, B.C.

## 2. MINERAL CLAIMS

The mineral claims of the Purple Mineral Claim Group are shown in Figure 2. All of these claims belong to Gibraltar Mines Limited. The group is bounded to the south by Gibraltar's Red Group and to the west by Gibraltar's Grey Group. Diamond drilling was conducted on the claims: GG 5, GG 6 and GG 8.

## 3. TOPOGRAPHY AND GEOLOGY

The Purple Mineral Claim Group lies along the northern flank of Granite Mountain (summit elevation 1398 m) and extends into the Gibraltar Mines tailings pond (see Figure 1). Relief is relatively gentle with elevations ranging from about 1000 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. There is a good network of drainage systems in the area.

The claim group is underlain mainly by the Upper Triassic Granite Mountain Batholith. A small portion of the group (northern end) is underlain by Jurassic volcanics and pyritiferous graphitic argillite as well as 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 test for high level oxide copper and deeper sulphide copper mineralization between the Gibraltar East and the Pollyanna Pits.

## 4.2 Discussion

Geological modeling and previous diamond drilling of the area between the Gibraltar East Pit and the Pollyanna Pit strongly suggested that ore grade copper mineralization existed. Accordingly, fourteen vertical NQ diamond drill holes, totaling 1807.5 m were drilled between the two pits to test for the copper mineralization (see Figure 3).

## 4.3 Results

Mine Phase Tonalite was intersected by all drill holes. Some holes also intersected small amounts of Leucocratic Phase and Granite Mountain Phase Trondhjemite. The host rock was variously altered with quartz, chlorite, sericite, epidote, carbonate and clay. The oxide zone was encountered by most drill holes and significant amounts of chrysocolla, malachite and limonite were observed. Although the oxidation was extensive it appears that very little leaching has occurred. Chalcopyrite and pyrite with minor amounts of chalcocite and molybdenite were observed below the oxide zone.

All drill holes intersected ore grade mineralization of either leachable or millable material (leachable ore cutoff = 0.10% ASCu and millable ore cutoff = 0.20% sulfide Cu). A summary of drill hole results is given in Tables 1 and 2. Detailed data can be found in Appendix B - Drill Logs.

| | | | LEACHABLE MINERALIZATION (cutoff 0.10% ASCu) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DRILL HOLE | TOTAL DEPTH | OVB DEPTH | FROM (m) | TO (m) | LENGTH (m) | %TCu | %ASCu | %$MoS_2$ | MINERALIZATION TYPE |
| 95-1 | 185.0 m | 28.0 m | 42.7 | 82.3 | 39.6 | 0.12 | 0.10 | 0.001 | chry |
| 95-2 | 166.7 m | 28.0 m | — | — | — | — | — | — | — |
| 95-3 | 211.5 m | 18.9 m | 18.9 | 64.0 | 45.1 | 0.17 | 0.12 | 0.012 | mal |
| 95-4 | 124.1 m | 3.7 m | 9.1 | 39.6 | 30.5 | 0.15 | 0.12 | 0.003 | mal - chry |
| 95-5 | 78.3 m | 4.0 m | 18.3 | 30.5 | 12.2 | 0.33 | 0.17 | 0.003 | mal - (az) - (cup) |
| 95-6 | 78.3 m | 4.0 m | — | — | — | — | — | — | — |
| 95-7 | 108.8 m | 4.0 m | — | — | — | — | — | — | — |
| 95-8 | 78.3 m | 4.0 m | — | — | — | — | — | — | — |
| 95-9 | 154.5 m | 4.0 m | — | — | — | — | — | — | — |
| 95-10 | 108.8 m | 4.0 m | 4.0 | 30.5 | 26.5 | 0.32 | 0.24 | 0.004 | mal - chry |
| 95-11 | 93.6 m | 13.1 m | 13.1 | 64.0 | 50.9 | 0.16 | 0.21 | 0.003 | chry - (mal) |
| 95-12 | 111.3 m | 25.9 m | 25.9 | 88.4 | 62.5 | 0.16 | 0.19 | 0.002 | chry - (mal) |
| 95-13 | 126.5 m | 10.4 m | 10.4 | 73.2 | 62.8 | 0.25 | 0.28 | 0.001 | chry |
| 95-14 | 181.7 m | 9.7 m | 9.7 | 45.7 | 36.0 | 0.24 | 0.16 | 0.003 | chry - mal - (cc) |

az - azurite
cup - cuprite
OVB - overburden
chry - chrysocolla
mal - malachite
ASCu - acid soluble copper
cc - chalcocite
( ) - minor amount
TCu - total copper

**Table 1**
SUMMARY OF DRILL HOLE RESULTS
Leachable Mineralization

| | | | MILLABLE MINERALIZATION (cutoff 0.20% sulfide Cu) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| DRILL HOLE | TOTAL DEPTH | OVB DEPTH | FROM (m) | TO (m) | LENGTH (m) | %TCu | %ASCu | %MoS$_2$ | MINERALIZATION TYPE |
| 95-1 | 185.0 m | 28.0 m | 82.3 | 185.0 | 102.7 | 0.28 | 0.02 | 0.028 | cp - (py) - Mo |
| 95-2 | 166.7 m | 28.0 m | 100.6 | 152.4 | 51.8 | 0.22 | 0.01 | 0.019 | cp-(py)-Mo-(cc) |
| 95-3 | 211.5 m | 18.9 m | 64.0 | 170.7 | 106.7 | 0.35 | 0.03 | 0.008 | cp-py-(Mo)-(cc) |
| 95-4 | 124.1 m | 3.7 m | 39.6 | 73.1 | 33.5 | 0.28 | 0.01 | 0.017 | cp-py-Mo-(mag) |
| | | | 88.4 | 109.7 | 21.3 | 0.23 | 0.01 | 0.009 | cp - py - (Mo) |
| 95-5 | 78.3 m | 4.0 m | — | — | — | — | — | — | — |
| 95-6 | 78.3 m | 4.0 m | 6.1 | 18.3 | 12.2 | 0.20 | 0.09 | 0.010 | cp - py - (Mo) |
| 95-7 | 108.8 m | 4.0 m | 54.9 | 85.4 | 30.5 | 0.29 | 0.04 | 0.003 | cp - py |
| 95-8 | 78.3 m | 4.0 m | 12.2 | 42.7 | 30.5 | 0.35 | 0.05 | 0.006 | cp-py-(Mo)-(cc) |
| 95-9 | 154.5 m | 4.0 m | 30.5 | 48.8 | 18.3 | 0.22 | 0.02 | 0.012 | cp - py - Mo |
| 95-10 | 108.8 m | 4.0 m | 30.5 | 70.1 | 39.6 | 0.32 | 0.02 | 0.013 | cp-py-Mo-(cc) |
| 95-11 | 93.6 m | 13.1 m | 70.1 | 93.6 | 23.5 | 0.29 | 0.02 | 0.002 | cp - py - cc |
| 95-12 | 111.3 m | 25.9 m | 88.4 | 111.3 | 22.9 | 0.38 | 0.03 | 0.021 | cp - py - Mo - (cc) |
| 95-13 | 126.5 m | 10.4 m | 73.2 | 126.5 | 53.3 | 0.40 | 0.02 | 0.007 | cp-py-(Mo)-(cc) |
| 95-14 | 181.7 m | 9.8 m | 45.7 | 181.7 | 136.0 | 0.30 | 0.01 | 0.019 | cp - py - Mo |

cp - chalcopyrite
py - pyrite
OVB - overburden
cc - chalcocite
Mo - molybdenite
ASCu - acid soluble copper
mag - magnetite
( ) - minor amount
TCu - total copper

**Table 2**
SUMMARY OF DRILL HOLE RESULTS
Millable Mineralization

4.4 Interpretation

All fourteen drill holes confirmed the presence of a mineralized zone between the north end of the Gibraltar East Pit and the Pollyanna Pit. The majority of the mineralization occurs either in the normal or the chlorite darkened Mine Phase Tonalite. Varying degrees of the Leucocratic Phase are found as small intersections in several holes. The end of 95-7 intersects Granite Mountain Trondhjemite which helps to further define the northern contact between the barren trondhjemite and mineralized tonalite. A large bedrock gully (100 to 130 m deep) also exists just south of the new drill holes. This gully (probably Tertiary in age) is now filled with glacial till and glacial fluvial sediments. The oxide mineralization in the new zone appears to be wrapped around the north side of the gully.

## 5. STATEMENT OF COSTS

1995 Drilling on the Purple Mineral Claim Group

| | | | |
|---|---|---|---|
| DIAMOND DRILLING COSTS | | | |
| L.D.S. Diamond Drilling Ltd. of Kamloops B.C. | | | |
| Contracted Cost | | $59,557.31 | |
| Drilling Supplies and Equipment | | | |
| Core Boxes | 300 @ $7.65/box | 2,295.00 | |
| Rental Vehicle | | 1,171.65 | |
| Total | | $63,023.96 | **$63,023.96** |
| ASSAY COSTS | | | |
| Total Cu, Oxide Cu, Fe and $MoS_2$ for each sample | | | **$ 8,516.88** |
| TEMPORARY PERSONNEL | | | |
| Wages | | | |
| Dick Poon – core logging | | $ 5,440.00 | |
| Andrew Stewart – core logging | | 3,225.60 | |
| Rick Kost – sample preparation | | 3,240.60 | |
| Total | | $11,906.20 | **$11,906.20** |
| **TOTAL COSTS** | | | **$83,447.04** |

## 6. CONCLUSION

The information received from the fourteen diamond drill holes on the Purple Mineral Claim Group enhanced the geological model and improved the mineral resource of the Pollyanna–Gibraltar East connector zone. Drill holes 95-1, 95-3 and 95-11 to 95-14 further defined an area of high grade oxide copper mineralization. Further drilling in this area is not planned for the next exploration program.

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
G. E. BARKER

G. E. Barker
Senior Geologist
GIBRALTAR MINES LIMITED

M. Rydman
Exploration Geologist
GIBRALTAR MINES LIMITED

## 7. BIBLIOGRAPHY


1. Bysouth, G. D., Diamond Drill Report on the Purple Group, November, 1983.

2. Bysouth, G. D., Diamond Drill Report on the Purple Group, June, 1984.

3. 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.

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

6. Thon, M. R., Diamond Drill Report on the Purple Group, June, 1989.

7. Thon, M. R., Diamond Drill Report on the Purple Group, October, 1990.

## 8. LIST OF FIGURES

Figure 1 - Location Map

Figure 2 - Claim Map

Figure 3 - Drill Hole Location Map

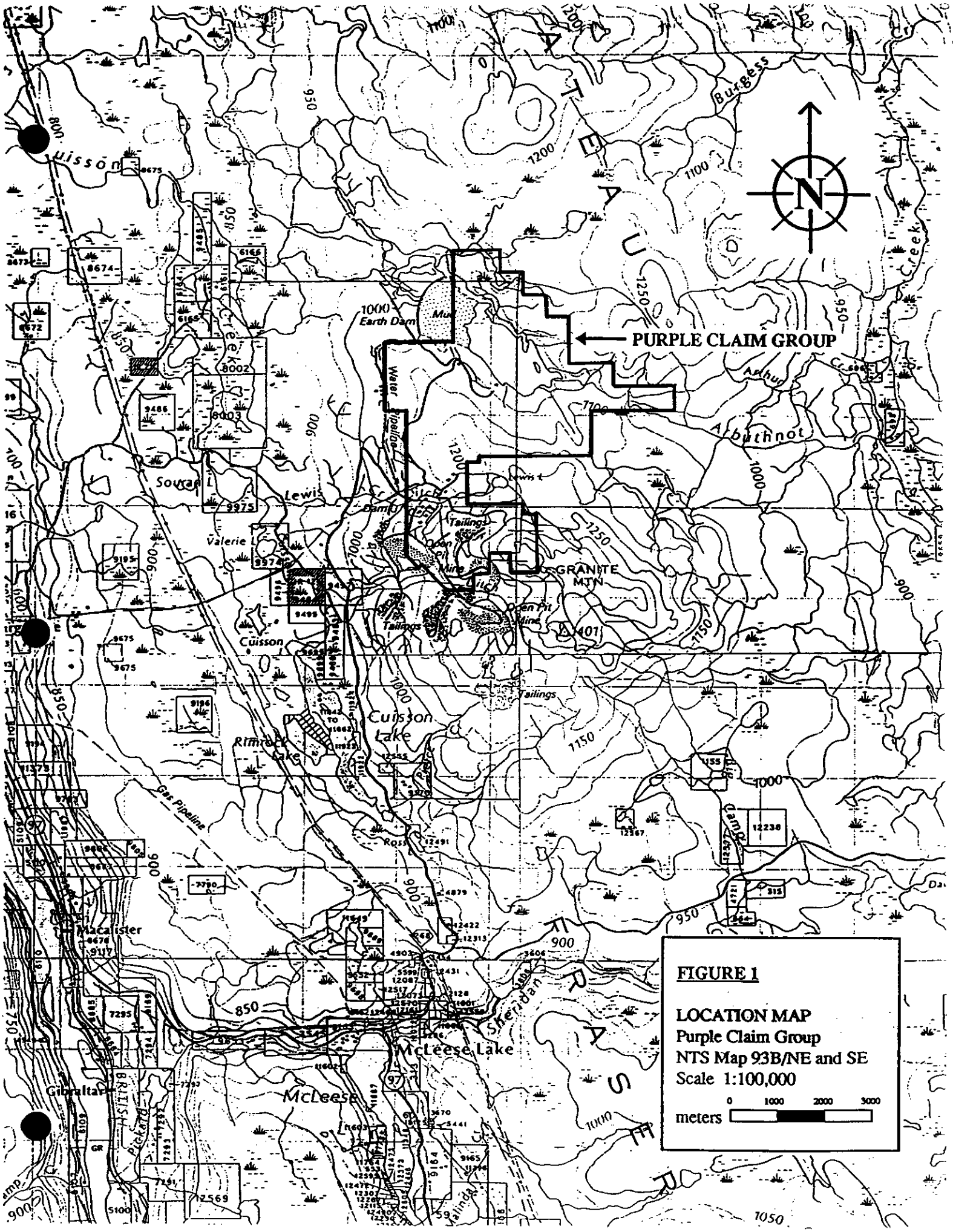



**FIGURE 1**

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

meters 0 1000 2000 3000

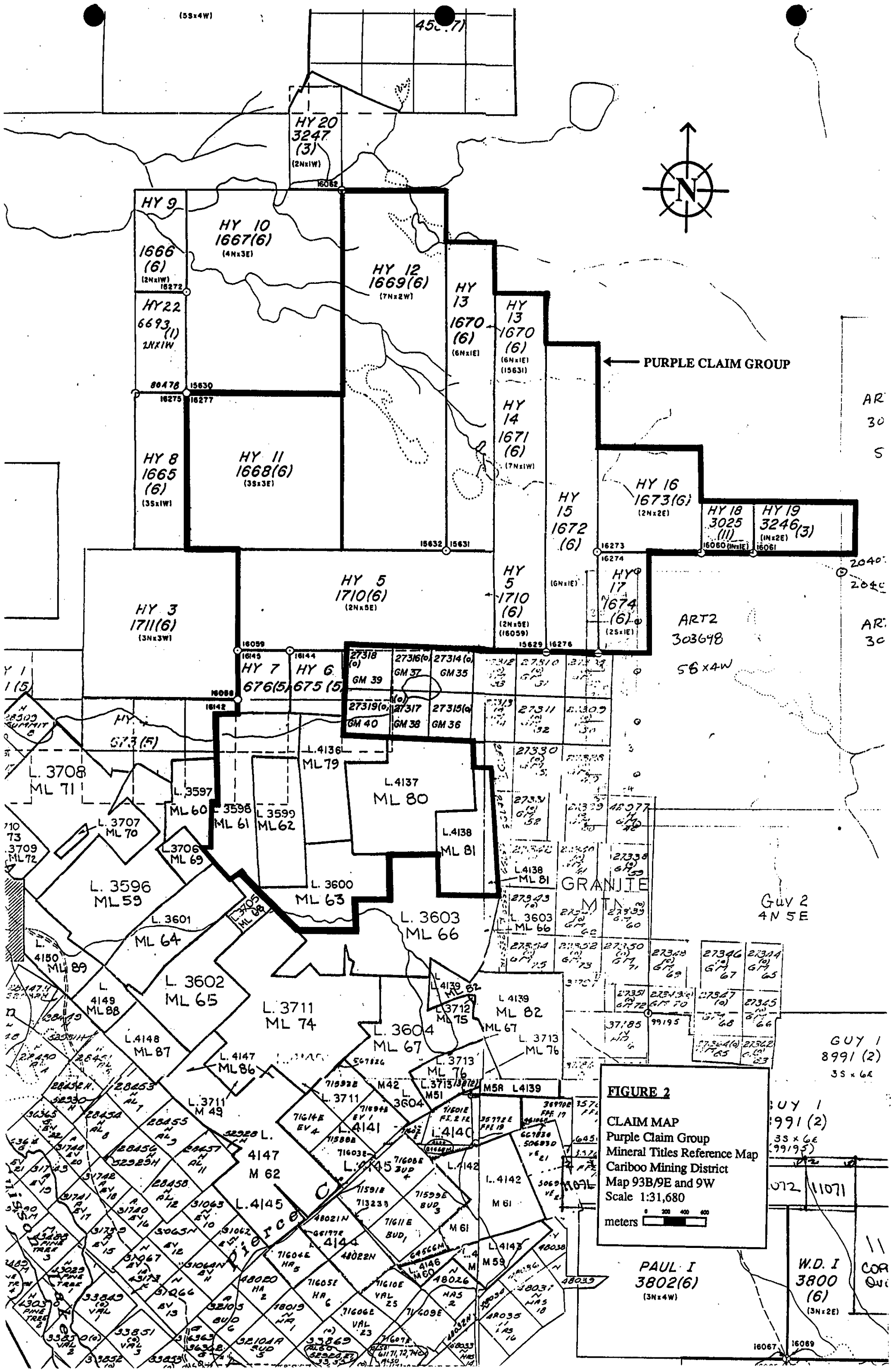
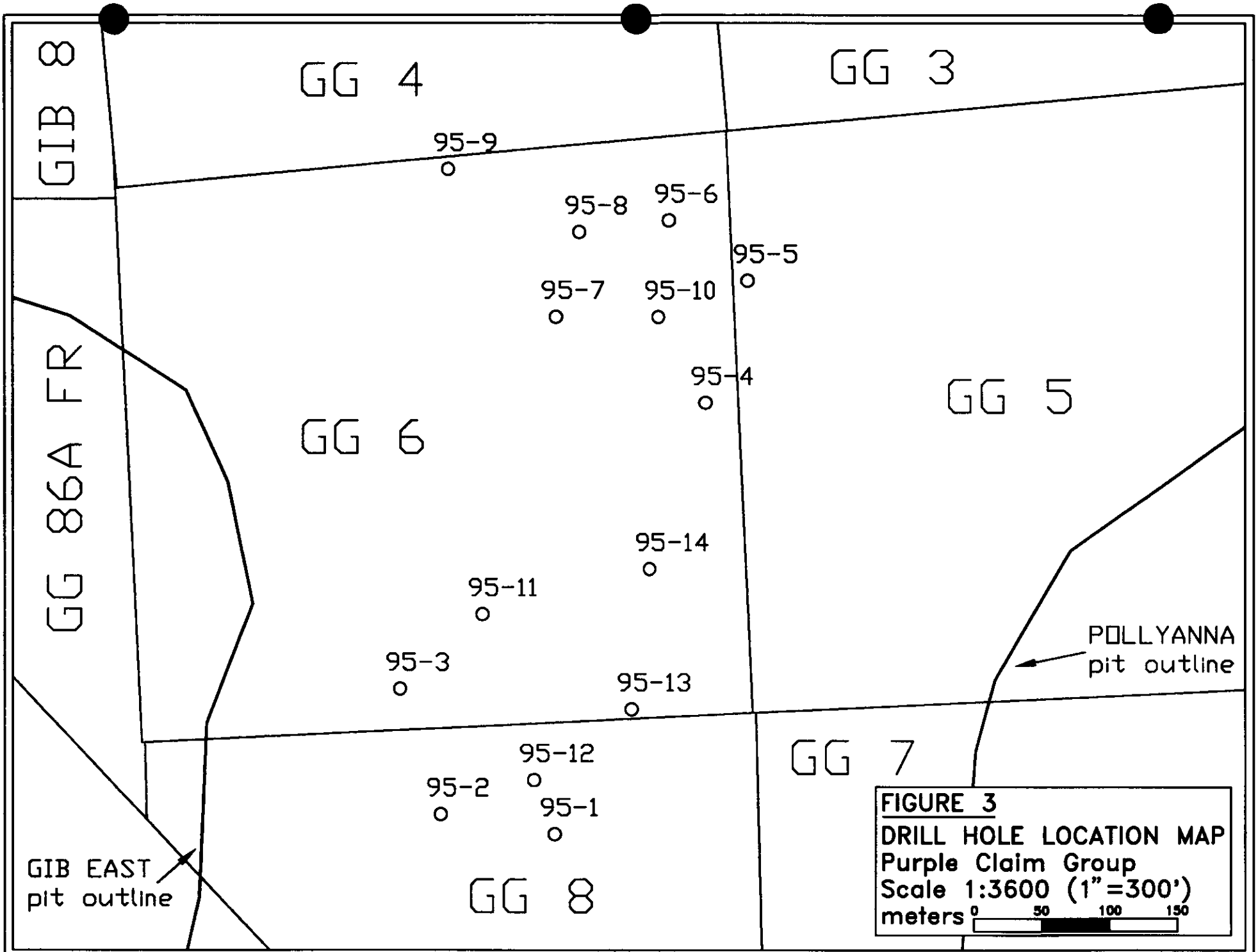



**FIGURE 2**

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


GIB 8
GG 4
GG 3
95-9
95-8
95-6
95-5
95-7
95-10
95-4
GG 86A FR
GG 6
GG 5
95-14
95-11
95-3
95-13
POLLYANNA
pit outline
GG 7
95-12
95-2
95-1
GIB EAST
pit outline
GG 8
FIGURE 3
DRILL HOLE LOCATION MAP
Purple Claim Group
Scale 1:3600 (1"=300')
meters 0 50 100 150

# APPENDIX A : QUALIFICATION STATEMENTS

**STATEMENT OF QUALIFICATIONS** - George E. Barker

I, George E. Barker, of Gibraltar Mines Limited, McLeese Lake, British Columbia, do certify that:

- I am a Professional Geoscientist.
- I am a registered member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19697.
- From 1978 to the present I have been engaged in mining and exploration geology in British Columbia.
- I personally supervised the exploration program, interpreted the results, and co-authored the report.

PROFESSIONAL
PROVINCE OF
G. E. BARKER
BRITISH COLUMBIA
GEOSCIENTIST

George E. Barker, P.Geo.

**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 two 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. 95-1 Page No. 1 of 10

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 49 687.72 | CORE SIZE | NQ | LOGGED BY | Dick Poon |
| DATE COLLARED | April 19, 1995 | LENGTH | 607 feet | LONGITUDE (E) | 49 507.15 | SCALE OF LOG | 1" = 10' | DATE | April 21, 1995 |
| DATE COMPLETED | April 21, 1995 | DIP | -90° | ELEVATION | 3834.405 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- CHLORITE DARKENED MINE PHASE TONALITE

**MISCELLANEOUS SYMBOLS and ABBREVIATIONS**

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

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type & Alts, 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. | SAMPLE NUMBER | ASSAY RESULTS TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | LEACH CAP: – / – | | | | | | | | | | | | |
| | | | | | | | LEACHABLE OX.: 341 / 310 | | | | | | | | | | | | |
| | | | | | | | UNL. ZONE: 340' / 340 | | | | | | | | | | | | |
| | | | | | | | SUPERGENE: – / – | | | | | | | | | | | | |
| | | | | | | | REMARKS | | | | | | | | | | | | |
| | | | | | | | CASING TO 92' | | | | | | | | | | | | |
| MINE PHASE TONALITE: 92' to 607' The Tonalite in this hole starts off poorly to moderately saussuritized. The plag+qtz+chl assemblage composes the bulk of the Tonalite. | ND | 100 | ? / 30° / 40° | 1' / 1/16" / 1/16" to 1/8" x 6 | brx w/ lim-$MnO_2$-ep / $MnO_2$-chry?-lim / qtz-chl-lim | <.5 | - minor gouge and brx section near the top of the hole - ep+hem+$MnO_2$+lim+(chry?) are prevalent in the fractures+shears | 97 | 96 | 50 | 66801 | .06 | .04 | | .79 | .001 | | .04 | 374.2 |
| | ND | 110 | 40° / 20° / 0° | 1/16" to 1/8" x 3 / fracture / 1/4" | lim-qtz-chl-$MnO_2$ / $MnO_2$-lim / qtz-$MnO_2$-lim-chl | <.5 | - at 95' is a soft (talc-like), greenish mineral which might be chry or chalcanthite | 107 | 97 | 53 | 66802 | .05 | .03 | | .69 | .001 | | .01 | 372.5 |
| | ND | 120 | 40° / 30° / 30° / 80° | 1/16" x 2 / 1/4" / 1/16" / Shear | qtz-lim / qtz-chl-lim-ep / lim-chl-ep / chl-lim-chry | <.5 | - no sulphides visible yet, with weak chry? associated with chl in the shears. | 117 | 100 | 70 | 66803 | .08 | .06 | | .67 | .001 | | .02 | 373.5 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 2 of 10

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 130 | 1<br>1 | 20°<br>0° | fracture<br>1/16" | lim-$MnO_2$<br>qtz(vuggy)-chl | <.5 | | - barren looking competant core | 127 | 99 | 57 | 66804 | .07 | .06 | | .76 | .001 | | .01 |
| | ND | | 140 | 1<br>/ | 0° to 20°<br>80° | 1/16" to 1/8" x3<br>Shears x3 | qtz-chl-ep<br>lim-chl-$MnO_2$ | <.5 | | | 137 | 100 | 63 | 66805 | .04 | .04 | | .64 | .003 | | .01 |
| | ND | | 150 | ▲<br>\<br>1<br>▲ | ?<br>20°<br>0°<br>? | 2'<br>fracture<br>1/4"<br>1' | brx w/ lim-(qtz)<br>lim-chl-chry - $MnO_2$<br>qtz-lim-$MnO_2$<br>brx w/qtz-lim-chl-$MnO_2$-(chr) | <.5 | | | 147 | 77 | 23 | 66806 | .13 | .12 | | .78 | .002 | | .04 |
| | ND | | 160 | /<br>/<br>/ | 30°<br>20° to 30°<br>30° to 40° | 1/16" x3<br>1/16" to 1/4" x4<br>1/16" x3 | qtz-chl<br>qtz-chl-lim-(chry)<br>lim-$MnO_2$-chl | <.5 | | | 157 | 94 | 43 | 66807 | .09 | .08 | | .65 | .002 | | .03 |
| | ND | | 170 | \<br>1<br>/ | 40°<br>0°<br>20° | 1/4" x2<br>Shear<br>fractures x3 | qtz(vuggy)-chl-lim<br>chl-(lim)-(hem)-($MnO_2$)<br>chl-hem-lim-(chry)-($MnO_2$) | <.5 | | - from 160' to 167' the is a light pink from the weak hem staining | 167 | 98 | 40 | 66808 | .05 | .04 | | .48 | .001 | | .02 |
| | ND | | 180 | \<br>/<br>1 | 70°<br>40°<br>20° | 1/4"<br>1/8" x2<br>Shear | qtz-$MnO_2$-lim<br>qtz-chl-ep<br>chl-hem-lim-($MnO_2$) | <.5 | | | 177 | 100 | 63 | 66809 | .05 | .04 | | .60 | .001 | | .01 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 3 of 10

| ROCK TYPES and ALTERATION | PRIMARY ALTERATION 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 190 | 40°<br>20°<br>}? | 1/16"x3<br>1/8"<br>3' | lim-qtz-chl<br>qtz-chl-lim-chry-$MnO_2$<br>brx w/ lim-hem-$MnO_2$ | <.5 | | - possible small fault from 186' to 189', with moderate hem staining of fragments but no gouge visible. | 187 | 97 | 43 | 66810 | .11 | .09 | | .89 | .002 | | .06 |
| - sharp fluctuations in rx types for this interval. Rx type varies a qtz+plag porphyry to a chl darkened Tonalite | ND | 200 | 40°<br>70°<br>40°<br>30°to40° | 1/4"to1/2"x3<br>fractures x2<br>10"<br>1/8"to1/4"x2 | qtz-chl-lim<br>lim-chl-$MnO_2$<br>qtz-plag-lim-(chry)<br>qtz-chry-lim-chl | <.5 | | - relative jump in chry visible, especially in veins. | 197 | 95 | 30 | 66811 | .24 | .21 | | .81 | .002 | | .14 |
| | ND to 70°wk | 210 | 20°<br>30°<br>0° | fractures x3<br>1/4"<br>1/2" | lim-chl-$MnO_2$<br>qtz-lim-chl<br>qtz(vuggy)-lim-(chry) | <.5 | | | 207 | 99 | 40 | 66812 | .13 | .10 | | 1.24 | .002 | | .03 |
| | ND to 70° wk-mod | 220 | 40°<br>}?<br>}? | 1/4"x2<br>2'<br>2 1/2' | qtz-chl-(lim)<br>brx w/ gs-lim-hem-((chry))<br>brx w/ lim-hem-(chry)-(mg) | <.5 | | - alignment of some chl along with the presence of gouge+brx+hem indicate a fault zone from 211' to 218' | 217 | 80 | 10 | 66813 | .21 | .19 | | 1.17 | .001 | | .03 |
| | ND | 230 | 0°to70°<br>40°<br>0°to20° | 1/8"to1/2"x? <br>1/4"<br>1/4"to1/2"x3 | qtz-lim stwk<br>qtz-hem-lim<br>qtz-chl-lim-(($MnO_2$)) | <.5 | | | 227 | 96 | 60 | 66814 | .04 | .03 | | 1.09 | .002 | | .01 |
| | ND | 240 | 0°<br>30°<br>80°to90° | 1/4"<br>fractures x2<br>1/16"to1/4"x3 | qtz-lim-chl<br>lim-chl-(py)-((cp))<br>qtz-ep-chl-lim | <.5 | | - fine grain py visible in fresh fractures surrounded by lim. Some relict fine grain cp in trace amounts can also be seen. | 237 | 100 | 67 | 66815 | .06 | .04 | | 1.03 | .001 | | .01 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alin. Type, Footage, Structure) | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL) LEACH CAP; LEACHABLE OX.; LBL. 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 | 250 | 20°<br>0° to 30° | fracture<br>$\frac{1}{16}$" x 4 | lim-chl<br>qtz-chl-lim-$MnO_2$ | <.5 | | 247 | 99 | 47 | 66816 | .09 | .06 | | 1.19 | .001 | | .01 |
| | ND | 260 | 40°<br>40°<br>0° | $\frac{1}{8}$"<br>4"<br>$\frac{1}{8}$" | qtz(vuggy)-chl-lim<br>qtz-plag<br>qtz-$MnO_2$-lim | <.5 | | 257 | 98 | 60 | 66817 | .11 | .08 | | 1.24 | .001 | | .01 |
| | ND | 270 | 40°<br>30°<br>40° | $1\frac{1}{2}$"<br>$\frac{1}{8}$"<br>fractures x2 | ep-qtz-lim<br>lim-qtz-chl-$MnO_2$<br>chl-lim-$MnO_2$-chry | <.5 | | 267 | 100 | 33 | 66818 | .25 | .20 | | 1.71 | .001 | | .02 |
| | ND | 280 | 0°<br>60°<br>10° | fracture<br>$\frac{1}{4}$"<br>$\frac{1}{16}$" x 2 | lim-$MnO_2$<br>qtz-$MnO_2$-lim<br>qtz-ep-lim | <.5 | | 277 | 99 | 73 | 66819 | .10 | .07 | | 1.33 | .002 | | .01 |
| | ND | 290 | 60°<br>0° to 30° | $3\frac{1}{2}$"<br>$\frac{1}{16}$" x 3 | qtz-cp-lim-(mal)<br>qtz-chl-ep | <.5 | -at 285' is a $3\frac{1}{2}$" brecciated qtz vein with large blebs of cp visible. This vein supplies the grade for the whole interval | 287 | 100 | 50 | 66820 | .46 | .07 | | 1.53 | .005 | | .32 |
| | ND | 300 | 40°<br>40°<br>30° | $\frac{1}{2}$"<br>fracture<br>$\frac{1}{8}$" | ep-qtz-hem-chl<br>lim-$MnO_2$<br>ep-qtz-lim-((py))-((cp)) | <.5 | -all of the fine grained py+cp have lim rims. | 297 | 100 | 57 | 66821 | .05 | .04 | | .93 | .001 | | .02 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | POLARIZATION ANGLE & INTENSITY | GRAPHIC LOG 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 310 | 60°<br>10°to20°<br>30° | shear<br>shears x3<br>¼" | lim-MnO2<br>hem-(chl)<br>qtz-cp-lim-(mal) | <.5 | LEACH CAP<br>LEACHABLE OX.<br>UNL ZONE<br>SUPERGENE | - Strong lim and hem shears + fractures dominate this interval. | 307 | 99 | 70 | 66822 | .07 | .05 | | 1.10 | .003 | | .03 |
| | ND | 320 | 70°<br>0°<br>30°to40° | ½"<br>1/16"<br>1/16"to⅛"x4 | qtz-ep-chl<br>qtz-chl-Mo-cp-lim/(mal)<br>qtz-chl-Mo-lim-cp | <.5 | | - this interval looks like a transitional zone between cp and mal/lim. | 317 | 100 | 77 | 66823 | .28 | .05 | | 1.11 | .073 | | .15 |
| | ND | 330 | 10°<br>0°<br>40°<br>30° | fracture<br>1/16"to⅛"x2<br>1/16"to¼"x3<br>½" | lim-chl-chry<br>qtz-chl-Mo-lim-cp<br>qtz-ep-chl-(cp)-(Mo)<br>qtz-chl-lim | <.5 | | | 327 | 100 | 67 | 66824 | .33 | .07 | | 1.13 | .013 | | .14 |
| | ND | 340 | 20°<br>30°<br>40° | ⅛"<br>shearsx2<br>¼" | qtz-lim-cp-(Mo)<br>hem-chl<br>ep-(lim)-(mal) | <.5 | | | 337 | 100 | 30 | 66825 | .16 | .03 | | 1.02 | .010 | | .06 |
| | ND | 350 | 30°<br>30°<br>20° | fracture<br>⅛"<br>shear | hem-chl-mal<br>qtz-chl-hem-(cp)<br>hem-chl | <.5 | | - possible fault zone from 345' to 370', with strong hem staining and moderate to strongly fractured intervals | 347 | 96 | 40 | 66826 | .09 | <.01 | | .94 | .004 | | .03 |
| | ND | 360 | 40°<br>30°<br>0° | fracture<br>⅛"<br>1/16" | chl-cp<br>qtz-chl-(py)<br>qtz-chl-Mo-hem-cp | <.5 | | | 357 | 97 | 27 | 66827 | .35 | <.01 | | 1.41 | .071 | | .06 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 6 of 10

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type Alfn Footage | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE) REMARKS | FOOTAGE SLICES | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 370 | 1<br>30°<br>40°<br>70° | 2'<br>1/4"<br>fracture<br>3" | brx w/ hem-ep-(cp)<br>qtz-chl-py-(cp)-(Mo)<br>chl-ep-cp<br>ep-qtz-chl | <.5 | | 367 | 96 | 17 | 66828 | .11 | <.01 | | 1.35 | .048 | | .03 |
| | ND | 380 | 40°<br>20° to 30°<br>50° | 1/4"<br>fractures x3<br>1/4" | qtz-chl-(cp)<br>hem-chl-(cp)<br>ep-qtz-chl | <.5 | | 377 | 98 | 37 | 66829 | .17 | .01 | | .92 | .009 | | .06 |
| | ND | 390 | 30°<br>20° to 30°<br>40°<br>0° | 1/16" x3<br>1/16" to 1/8" x3<br>1/8" to 1/4" x2<br>fracture | qtz-chl-cp-hem<br>qtz-chl-cp<br>qtz-ep-((cp))<br>chl-(cp) | <.5 | - fine grained cp in several fractures and shears of this interval. | 387 | 100 | 43 | 66830 | .13 | <.01 | | .83 | .007 | | .14 |
| | ND | 400 | 30°<br>30°<br>30°<br>10° | 1/4"<br>1/16" x2<br>1/4"<br>1/2" | qtz-chl-(cp)<br>qtz-chl-(cp)-hem<br>qtz-chl-cp-(Mo)<br>qtz-chl-(cp) | <.5 | | 397 | 100 | 57 | 66831 | .23 | <.01 | | 1.16 | .008 | | .16 |
| | ND | 410 | 20° to 30°<br>40°<br>30°<br>0° to 30° | 1/4" to 1/2" x3<br>1/2"<br>shears x2<br>1/16" to 1/8" x3 | qtz-chl-(cp)-(py)<br>qtz-chl-cp<br>hem-chl-cp<br>qtz-chl-(cp) | <.5 | | 407 | 100 | 53 | 66832 | .46 | .01 | | 1.24 | .012 | | .23 |
| - from 412' to 463' there is a noticeable decrease in chl. As a result the core has a more leucocratic appearance but enough chl remains to retain the tonalite rock type. The saussurite altn still ranges from poor to moderate | ND | 420 | 20° to 30°<br>60°<br>30° to 40° | 1/16" x2<br>1/8"<br>1/8" x2 | qtz-chl-cp<br>qtz-Mo-((cp))<br>qtz-chl-Mo-cp | <.5 | | 417 | 100 | 67 | 66833 | .23 | <.01 | | .60 | .024 | | .06 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 7 of 10

| 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 | 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 430 | 40°<br>?<br>5½' | ⅛"to¼"x2<br>brx w/ chl-(Mo)-(cp)-(hem) | qtz-chl-Mo-(cp) | <.5 | | - possible fault from 422' to 432', with strongly fractured sections and weak hem staining | 427 | 90 | 30 | 66834 | .11 | <.01 | | .37 | .067 | | .03 |
| | ND | 440 | 40°to50°<br>70° | 1/16"to⅛"x3<br>shear | qtz-chl-hem<br>chl-(cp) | <.5 | | | 437 | 88 | 37 | 66835 | .17 | .01 | | .38 | .021 | | .02 |
| | ND | 450 | 40°<br>30°to40°<br>40° | 1/16"x2<br>1/16"x6<br>⅛"to½"x2 | qtz-chl-cp<br>qtz-chl-hem<br>qtz-chl-cp | <.5 | | | 447 | 94 | 27 | 66836 | .22 | <.01 | | .46 | .020 | | .06 |
| | ND | 460 | 40°<br>30°<br>30°<br>? | ½"<br>Shear<br>2"x2<br>2' | qtz-chl-cp<br>Mo-chl<br>qtz-chl-Mo-cp<br>brx w/ qtz-Mo | <.5 | | | 457 | 93 | 30 | 66837 | .45 | <.01 | | .75 | .119 | | .15 |
| | ND | 470 | ?<br>60°<br>50°<br>70° | 1'<br>¼"<br>¼"<br>¾" | brx w/ qtz-Mo-((cp)) | <.5 | | - at 463' there is a sharp increase in chl.<br>- there is an orange carb in some of the veins. | 467 | 90 | 23 | 66838 | .33 | <.01 | | .92 | .070 | | .06 |
| | ND | 480 | 30°<br>0°<br>40° | ¼"<br>¼"<br>1/16"to¼"x3 | qtz-chl-(cp)<br>qtz-chl-carb-Mo-cp<br>qtz-chl-carb-cp | <.5 | | | 477 | 91 | 33 | 66839 | 1.67 | .01 | | 1.65 | .033 | | .11 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 8 of 10

| 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 490 | 0°<br>50°<br>30°<br>40°<br>70°to 80° | Shear<br>3"<br>1/4"<br>1/16"to1/4"x3<br>1/8"to1/2"x2 | Mo-(chl)<br>qtz-chl-carb-cp<br>qtz-chl-cp<br>qtz-chl-(cp)<br>ep-qtz-chl-cp | <.5 | | | 487 | 98 | 47 | 66840 | .62 | .01 | | 1.26 | .043 | | .18 |
| | ND | 500 | 40°<br>40°to50°<br>20°<br>10° | 1/4"<br>1/16"to1/4"x3<br>1/8<br>1/4" | qtz-ep-cp-chl<br>qtz-chl-cp<br>qtz-ep-cp<br>qtz-ep-carb-cp | <.5 | | - close association between ep+cp, in this interval. | 497 | 99 | 70 | 66841 | .51 | .01 | | 1.19 | .052 | | .17 |
| | ND | 510 | 0°<br>0°<br>30° | 1/16"<br>fracture<br>1/4" | qtz-chl-Mo-cp<br>carb-chl-hem-cp<br>qtz-chl-cp-(hem)-(py) | <.5 | | - good grades of Mo in low angled veins | 507 | 97 | 57 | 66842 | .25 | .01 | | 1.10 | .031 | | .07 |
| | ND | 520 | 0°to30°<br>40°<br>30° | 1/4"x2<br>1/8"to1/4"x2<br>1/4" | qtz-chl-(cp)<br>qtz-carb-chl-cp<br>qtz-chl-hem | <.5 | | | 517 | 99 | 63 | 66843 | .33 | .01 | | 1.20 | .012 | | .08 |
| | ND | 530 | 10°<br>20°<br>40°<br>0° | 1/4"<br>1/8"<br>4"<br>1/4" | qtz-cp-py-Mo<br>qtz-cp-chl<br>qtz-carb-chl-hem<br>qtz-chl-(cp) | <.5 | | - two large qtz+cp veins supply most of the grade for the entire interval. | 527 | 98 | 57 | 66844 | .33 | <.01 | | 1.30 | .008 | | .19 |
| | ND | 540 | 40°<br>10°<br>30°<br>0°to10° | 1/8"<br>1/8"<br>Shear<br>1/8"x2 | qtz-carb-hem<br>qtz-chl-cp<br>hem-chl-carb<br>qtz+chl-cp | <.5 | | | 537 | 100 | 53 | 66845 | .38 | .01 | | 1.31 | .036 | | .13 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-1 Page 9 of 10

| 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 550 | 30°<br>?<br>20° | Shear<br>1'<br>1/8" | hem-carb-chl<br>brx w/ gg-carb-hem<br>qtz-chl-(cp) | <.5 | - Strong hem staining along with brx + gg indicate a fault zone from 541' to 549'. The strong hem staining is from 537' to 557'. | 547 | 95 | 23 | 66846 | .43 | <.01 | | 2.05 | .026 | | .03 |
| | ND | 560 | 70°<br>10°<br>70° | 1/4"<br>fracture<br>1/8" | carb-qtz-chl<br>hem-carb-chl<br>qtz-carb-(cp) | <.5 | | 557 | 86 | 57 | 66847 | .19 | .01 | | 1.43 | .005 | | .04 |
| | ND | 570 | 30°<br>30°<br>?<br>40° | 1/16"x2<br>1/8"<br>1'<br>5" | qtz-carb-cp<br>qtz-chl-(cp)<br>brx w/ chl-carb<br>qtz-(carb)-(Mo)-(cp) | <.5 | | 567 | 95 | 53 | 66848 | .17 | .01 | | 1.20 | .005 | | .05 |
| | ND | 580 | 40°<br>40°<br>30°to40° | 1/16"x2<br>1/8"x2<br>1/16"to1/4"x3 | qtz-chl-cp<br>qtz-ep-chl-py-(cp)<br>qtz-chl-ep-carb-(cp) | <.5 | | 577 | 96 | 60 | 66849 | .16 | <.01 | | .97 | .005 | | .03 |
| | ND | 590 | 0°to20°<br>60°<br>10°to20°<br>10° | 1/16"to1/4"x4<br>3"<br>1/16"to1/8"x3<br>1/2" | qtz-chl-cp<br>ep-qtz-chl-carb-(py)<br>qtz-cp-chl<br>qtz-chl-carb-Mo-(cp) | <.5 | - sudden increase in low angled cp veins | 587 | 100 | 57 | 66850 | .30 | <.01 | | .91 | .014 | | .14 |
| | ND | 600 | 30°<br>20°<br>20°<br>60° | 1/4"<br>3/4"<br>shear<br>1/4" | qtz-ep-chl-(cp)<br>qtz-carb-cp<br>Mo-chl<br>ep-qtz-chl | <.5 | | 597 | 100 | 67 | 66851 | .36 | <.01 | | .98 | .026 | | .15 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-1 Page 10 of 10

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Angle, 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 30° | 1" | ep-qtz-chl | <.5 | | | 100 | 83 | 66852 | .17 | <.01 | | .59 | .004 | | .03 |
| | | | 20° | 1/4" | qtz-ep-chl-(cp) | | | | | | | | | | | | | |
| | | | 10°+30° | 1/16" x3 | qtz-ep-chl-(cp) | | | 607 | | | | | | | | | | |
| | | | | | * 607' E.O.H. | | | | | | | | | | | | | |
| | | | | | Dick Pom | | | | | | | | | | | | | |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | | |
| LEACHABLE OX. | | |
| LIM. ZONE | | |
| SUPERGENE | | |

REMARKS

ASSAY RESULTS

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-2 Page No. 1 of 9

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 49735.92 | CORE SIZE | NQ | LOGGED BY | Dick Poon |
| DATE COLLARED | April 21, 1995 | LENGTH | 547' | LONGITUDE (E) | 49228.25 | SCALE OF LOG | 1" = 10' | DATE | April 25, 1995 |
| DATE COMPLETED | April 22, 1995 | DIP | -90° | ELEVATION | 3786.15 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- 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 | 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 | SHWk | = stockwork |
| chl | = chlorite | hem | = hematite | pied | = piedmontite | tet | = tetrahedrite |
| chry | = chrysocolla | lim | = limonite | py | = pyrite | wk | = weak |

**BOTTOM DEPTHS**

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | 125'? | — |
| LEACHABLE OX. | 262' | 280 |
| LIM. ZONE | 417' | 417 |
| SUPERGENE | 389'? | 390 |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alta, Type, Footage, Structure) | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MINE PHASE TONALITE: 92'-547' Typical Mine Phase Tonalite, with plag+qtz+chl as the main mineral assemblage. The Tonalite is poorly to moderately saussuritized. | ND | 100 | 30° / 30°-40° | 1/8" / shears x 5 | qtz-chl-ep-lim / lim-chl-$MnO_2$ | <.5 | CASING TO 92' - there are trace amounts of mal+cp+py in the broken zone but it is questionable whether this debris was originally insitu. | 97 | 90 | 17 | 66861 | .10 | .02 | | .79 | .001 | | .02 |
| The Tonalite in this hole starts off strongly limonitized and highly fractured as a result. | ND | 110 | 30° / 20° | 1/4" / 1 1/2" | qtz-chl-lim-$MnO_2$ / qtz-ep-chl | <.5 | | 107 | 92 | 13 | 66862 | .12 | .04 | | 1.02 | .002 | | .01 |
| | ND | 120 | 20° | 1/16" | qtz-chl-lim | <.5 | - very few structures in these lim rich intervals. | 117 | 70 | 10 | 66863 | .14 | .07 | | 1.17 | .006 | | .01 |

3694

3680

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-2 Page 2 of 9

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Qz Type & Alin; 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 130 | ? / 30° / 70° to 80° | 3' / 1/8" / 1/4" x2 | brx w/ qtz-lim-MnO2 / qtz-lim-chl / ep-qtz-chl | <.5 | | 127 | 75 | 23 | 66864 | .03 | .02 | | .42 | .001 | | .01 |
| | ND | 140 | 30° / 70° / 40° | 1/8" / 1/3" / 1/16" to 1/4 x3 | qtz-lim-chl-MnO2 / ep(vuggy)-qtz-lim-chl / qtz-lim-chl | <.5 | | 137 | 97 | 47 | 66865 | .03 | .02 | | .55 | .001 | | .01 |
| | ND | 150 | ? / 20° / 30° | 2' / 1/4" / 1/8" | brx w/ qtz-lim-chl-MnO2 / qtz-MnO2-lim / qtz-lim-chl-MnO2 | <.5 | | 147 | 93 | 30 | 66866 | .06 | .02 | | .58 | .002 | | .01 |
| | ND | 160 | ? / 40° | 6 1/2' / 1/16" | brx w/ qtz-lim-chl-MnO2 / qtz-lim-chl | <.5 | - large qtz vein, from 150' to 156', heavily stained by lim and fractured up. | 157 | 85 | 20 | 66867 | .10 | .05 | | 1.12 | .005 | | .01 |
| | ND | 170 | 0° / 30° / 20° | 1/8" / 1/4" / 1/8" | qtz(vuggy)-lim-chl / qtz(vuggy)-lim-chl-MnO2 / ep-qtz-chl-lim | <.5 | - from 163' to 167' the plag content has increased, while the qtz content has decreased and all the chl blebs have rims of lim. | 167 | 96 | 60 | 66868 | .04 | .02 | | 1.49 | .001 | | .01 |
| | ND | 180 | 40° / 40° / 30° | 1/16" x2 / 1/4" / 1/8" | qtz(vuggy)-lim-chl / qtz-chl-lim / qtz(vuggy)-lim-chl | <.5 | | 177 | 97 | 37 | 66869 | .07 | .03 | | 1.10 | .001 | | .01 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-2 Page 3 of 9

| 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 GL., LIM. 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 | 190 | 0°<br>10° | 1/16"<br>1/8"to1/4"x2 | qtz(vuggy)-chl-lim<br>ep-qtz-chl | <.5 | | | 187 | 98 | 23 | 66870 | .02 | .02 | | .97 | <.001 | | .01 |
| | ND | 200 | ?<br>90°<br>20° | 2 1/2'<br>3/4"<br>2" | brx w/ qtz-lim-chl-$MnO_2$<br>qtz-ep-lim-chl<br>qtz-lim-$MnO_2$ | <.5 | | | 197 | 92 | 37 | 66871 | .04 | .03 | | .96 | .001 | | .01 |
| | ND | 210 | 60°<br>30°<br>40° | 1/2"<br>1/8"<br>1/16"to1/4"x3 | ep-qtz-lim-chl<br>qtz chl-ep<br>ep-qtz-lim | <.5 | | | 207 | 100 | 70 | 66872 | .03 | .02 | | 1.24 | .004 | | .01 |
| | ND | 220 | 40°<br>0°to10°<br>0° | 1/16"x3<br>1/8"x2<br>1/8" | qtz-chl-ep-lim-((cp))<br>qtz-chl-lim<br>qtz-lim-((cp)) | <.5 | - fault zone from 217' to 233', with abundant brx + gg. The Tonalite within this zone has turned orange from all of the lim altn and has been | | 217 | 100 | 43 | 66873 | .04 | .03 | | 1.52 | .003 | | .02 |
| | ND | 230 | 10°<br>30° | shear<br>3/4" | lim-chl-$MnO_2$<br>qtz-lim-$MnO_2$ | <.5 | strongly deformed. blebs and stringers of hem can also be seen in this deformed zone. | | 227 | 55 | 23 | 66874 | .25 | .19 | | 2.43 | .023 | | .01 |
| | ND | 240 | 20°<br>0°to10° | 6"<br>1/8"x2 | qtz-lim-$MnO_2$<br>qtz-lim-chl | <.5 | | | 237 | 97 | 40 | 66875 | .11 | .08 | | 2.12 | .014 | | .01 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-2 Page 4 of 9

| BOTTOM DEPTHS | ZONE | ESTIMATE | ACTUAL |
|---|---|---|---|
| | LEACH CAP | | |
| | LEACHABLE BR. | | |
| | LIM. ZONE | | |
| | SUPERGENE | | |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Angle, 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 250 | 0°<br>30° | 1"<br>½" | qtz-lim-$MnO_2$<br>qtz-chl-ep-lim-(cp) | <.5 | - between 242' to 244' are some 2" gg intervals, which might indicate a splay off a nearby fault. | 247 | 96 | 47 | 66876 | .19 | .14 | | 2.33 | .015 | | .01 |
| - strong ep altn from 250' to 253' with "pods" of Tonalite in the large ep bands. | ND | 260 | ?<br>0° | 1'<br>¼" | brx w/ gg-hem-lim-($MnO_2$)<br>qtz-chl-lim | <.5 | | 257 | 91 | 30 | 66877 | .09 | .08 | | 1.40 | .004 | | .01 |
| | ND | 270 | 70°<br>40°<br>10° | shears x2<br>½" to ¾" x2<br>¼" | hem-chl-($MnO_2$)<br>ep-qtz-lim<br>qtz-chl-lim-(cp)-(py)-(cc) | <.5 | - trace cp+cc on a few veins in this interval.<br>- the appearance of cc coincides with the first appearance of significant quantities of sulphides. | 267 | 98 | 63 | 66878 | .12 | .07 | | 1.17 | .007 | | .00 |
| | ND | 280 | 10°<br>30° | ¼"<br>¾" | qtz-chl-lim-(py)-(cp)-(cc)<br>ep-qtz-chl-lim | <.5 | - the occurence of cc point to some secondary enrichment, however the overlying core does not portray an idealic model of a leach cap because | 277 | 100 | 40 | 66879 | .06 | .03 | | 1.10 | .021 | | .02 |
| | ND | 290 | 20°<br>30°<br>10° to 50° | ⅛" to ¼" x2<br>¼"<br>1/16" to ¼" x2 | qtz-chl-lim-(py)-(Mo)<br>qtz(vuggy)-lim-chl-(Mo)<br>ep-qtz-chl-(cp)-(cc) | <.5 | lim altn is at best moderate and there is no evidence of clay alteration. But there is the lack of sulphides before 260' and several small lim rich intervals could have provided the means for acid generation. | 287 | 97 | 50 | 66880 | .14 | .02 | | 1.10 | .038 | | .02 |
| | ND | 300 | 0°<br>20° to 30°<br>60° | ⅛"<br>1/16" to ¼" x3<br>¼" x2 | qtz-lim-(cp)-(cc)<br>qtz-chl-ep-(py)-(cp)<br>ep-qtz-chl | <.5 | | 297 | 98 | 67 | 66881 | .23 | .01 | | 1.30 | .012 | | .03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-2 Page 5 of 9

| 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) | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 310 | 20°<br>20°<br>60° | 1/4"<br>shear<br>1/8" | qtz-chl-lim-(py)-(cc)<br>lim-chl-(cc)-(py)<br>qtz-lim-cc-cp | <.5 | | 307 | 100 | 47 | 66882 | .09 | .01 | | 1.36 | .008 | | .06 |
| | ND | 320 | 40°<br>70°to90° | 1/4"<br>1/16"to1/4"x4 | qtz-chl-lim-(py)-(cp)<br>qtz-chl-lim | <.5 | -fault zone from 317' to 324' with plenty of brx+gg and strong hem staining visible. | 317 | 96 | 17 | 66883 | .13 | .02 | | 1.93 | .011 | | .02? |
| | ND | 330 | 30°<br>10°to20° | 1/16"x2<br>1/8"x2 | qtz-chl-(cp)-(py)-(Mo)<br>qtz-chl-cp | <.5 | | 327 | 85 | 37 | 66884 | .18 | .01 | | 1.70 | .014 | | .03 |
| | ND | 340 | 80°<br>30°<br>0° | 1/8"to1/4"x2<br>1/16"x4<br>1/4" | ep-qtz-chl<br>qtz-chl-(cp)-(py)-(cc)<br>qtz-chl-(cp) | <.5 | | 337 | 100 | 60 | 66885 | .23 | .01 | | 1.11 | .010 | | .03 |
| -sharp decrease in chl content from 344' to 347', thereby leaving a leucocratic looking Tonalite. | ND | 350 | 0°<br>0°to10°<br>30°<br>30° | 1/8"<br>1/16"x2<br>1/8"<br>1/16"to1/4"x2 | qtz-chl-cp-cc<br>qtz-chl-ep-((py))-((cp))<br>qtz-Mo-(cp)<br>qtz-chl-(cp)-(cc) | <.5 | | 347 | 100 | 73 | 66886 | .20 | .01 | | 1.09 | .015 | | .03 |
| | ND | 360 | 70°<br>80°<br>20°<br>20° | 1/4"<br>1/2"<br>1/8"<br>fracture | chl-qtz-((cp))-((cc))<br>qtz-ep-chl<br>qtz-chl-Mo-(cp)<br>chl-cc-py | <.5 | | 357 | 100 | 67 | 66887 | .16 | <.01 | | 1.26 | .034 | | .04 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-2 Page 6 of 9

| 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 370 | 30°<br>40°<br>30° | 1/4"<br>1/8"×2<br>1/8" | qtz-chl-py-cp<br>qtz-chl-py-(cp)<br>qtz-chl-(Mo)-(cp) | <.5 | | 367 | 99 | 77 | 66888 | .17 | <.01 | | .99 | .014 | | .06 |
| | ND | 380 | 40°<br>0°<br>20° | 1/16"×2<br>1/4"<br>1/8" | qtz-chl-cp-cc<br>qtz-chl-cp-cc py<br>qtz-chl-cp-py | <.5 | - many cp+py crystals coated by (most likely) cc, which is dark grey and has a metallic lustre | 377 | 96 | 57 | 66889 | .20 | <.01 | | .91 | .018 | | .14 |
| | ND | 390 | 20°<br>30°<br>0°<br>0° | shear<br>1/4"<br>1/8"<br>1/8" | chl-(lim)-(cc)-(cp)<br>qtz-chl-cp-py-Mo<br>qtz-chl-cp<br>chl-cp-qtz | <.5 | | 387 | 100 | 53 | 66890 | .46 | <.01 | | 1.28 | .019 | | .18 |
| | ND | 400 | 40°<br>20°<br>40° | 1/4"<br>1/2"<br>1/4" | qtz-chl-cp<br>qtz(vuggy)-chl-cp-(Mo)<br>qtz-chl-cp | <.5 | | 397 | 98 | 73 | 66891 | .20 | <.01 | | 1.16 | .053 | | .11 |
| | ND | 410 | 20°to40°<br>30°<br>70° | 1/16"to1/2"×5<br>3/4"<br>1 1/2" | qtz-chl-cp-Mo<br>qtz-chl-cp-Mo-py<br>cp-qtz-chl | <.5 | | 407 | 100 | 70 | 66892 | .20 | <.01 | | .99 | .027 | | .14 |
| | ND | 420 | 10°<br>20°to40°<br>10°<br>0°to30° | 1/8"<br>1/16"to1/4"×3<br>1/16"×2<br>1/8"×6 | qtz-chl<br>qtz-chl-py-(cp)<br>qtz-chl-cp<br>cp-qtz-chl | <.5 | | 417 | 98 | 50 | 66893 | .12 | <.01 | | 1.13 | .023 | | .03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| 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 | 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 430 | | 40°<br>30°<br>50° | 4"<br>1/16" x 2<br>1/16" | qtz(vuggy)-chl-cp-(Mo)<br>qtz-chl-py<br>qtz-chl-cp-Mo | <.5 | | 427 | 99 | 40 | 66894 | .14 | <.01 | | 1.52 | .029 | | .09 |
| | ND | | 440 | | 90°<br>30°<br>40° | 2"<br>1/16" x 2<br>4" | qtz-cp-chl<br>qtz-chl-ep-cp<br>chl-qtz-ep-cp | <.5 | | 437 | 98 | 70 | 66895 | .33 | <.01 | | 1.33 | .007 | | .10 |
| | ND | | 450 | | 40°<br>40°<br>0°<br>90° | 1/16"<br>1/4"<br>1/4"<br>1/4" | qtz-chl-cp<br>qtz-chl-ep-(cp)<br>qtz-chl-carb<br>ep-qtz-chl | <.5 | - few structures in this competent looking Tonalite.<br>- there are some orange carbonate rich veins in this interval. | 447 | 100 | 67 | 66896 | .10 | <.01 | | 1.08 | .003 | | .06 |
| | ND | | 460 | | 0° to 20°<br>60°<br>0°<br>40° to 50° | 1/8" x 2<br>3/4"<br>1/8"<br>1/16" x 3 | qtz-chl-py-cp<br>qtz(vuggy)-chl-carb<br>qtz-chl-cp-py<br>qtz-chl-py | <.5 | | 457 | 100 | 60 | 66897 | .09 | .01 | | 1.30 | .008 | | .05 |
| | ND | | 470 | | 30°<br>?<br>20°<br>? | 1/8" x 2<br>1'<br>1/8"<br>2 1/2' | ep-qtz-chl<br>brx w/ qtz-chl-cp<br>qtz-chl-cp<br>brx w/ qtz-chl-cp | <.5 | - well developed striations on some brx indicate some movement in a shear or fault zone from 463' to 480'. | 467 | 94 | 37 | 66898 | .49 | .01 | | 1.43 | .004 | | .13 |
| | ND | | 480 | | 40°<br>40°<br>? | 1/8" x 2<br>1"<br>2' | qtz-chl-carb-ep-(cp)<br>qtz-chl-ep-Mo-((cp))<br>brx w/qtz-chl-carb-Mo-(cp) | <.5 | | 477 | 93 | 40 | 66899 | .07 | .01 | | .84 | .027 | | .03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (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 | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 490 | 90°<br>70°to90°<br>0° | ½"<br>3"to4"x4<br>⅛" | qtz-chl-cp<br>ep-qtz-chl-carb-(py)<br>qtz-chl-ep-carb | <.5 | | 487 | 93 | 50 | 66900 | .10 | <.01 | | .94 | .012 | | .03 |
| | ND | 500 | 40°<br>40°<br>?<br>40° | ¼"<br>1¼"<br>3'<br>2" | qtz-chl-cp-(py)<br>qtz-cp-Mo<br>brx w/ chl-carb-cp<br>ep-qtz-chl | <.5 | -at 495' is a large cp b'eb which supplies almost all of the grade for the interval | 497 | 92 | 33 | 66901 | .41 | <.01 | | 1.29 | .023 | | .14 |
| | ND | 510 | 30°to40°<br>40°<br>70° | 1/16"x2<br>¾"<br>shear | qtz-chl-cp<br>ep-qtz-chl<br>chl-carb-cp | <.5 | | 507 | 96 | 60 | 66902 | .17 | .01 | | .82 | .009 | | .03 |
| | ND | 520 | 70°<br>30°to40°<br>20°<br>10° | shears x2<br>1/16"x5<br>⅛"<br>fracture | chl-cp<br>qtz-ep-chl-(cp)<br>qtz-chl-cp<br>chl-cp | <.5 | | 517 | 100 | 63 | 66903 | .18 | .02 | | 1.03 | .010 | | .08 |
| | ND | 530 | 10°<br>30°to40°<br>0° | ⅛"<br>1/16"x6<br>⅛" | Mo-qtz-carb-cp<br>qtz-ep-chl-cp<br>qtz-chl-carb-(cp)-(Mo) | <.5 | -good Mo grade mainly from one low angle vein at 521' | 527 | 99 | 73 | 66904 | .14 | .01 | | 1.00 | .021 | | .07 |
| | ND | 540 | 10°to30°<br>40°<br>50°<br>0° | ¼"<br>¼"<br>2"<br>⅛" | ep-qtz-chl<br>qtz-chl-cp-py<br>ep-(qtz)-(chl)<br>qtz-chl-cp | <.5 | | 537 | 100 | 80 | 66905 | .08 | .01 | | 1.04 | .005 | | .04 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-2 Page 9 of 9

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alin Type 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 18 / 10° | 1/16" shear | qtz-chl-carb chl-cp | <5 | | | 547 | 100 | 60 | 66906 | .09 | .01 | | .74 | .002 | | .02 |
| | | | | | 547' ★ E.O.H. | | | | | | | | | | | | | | |
| | | | | | Dick Pam | | | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-3 Page No. 1 of 12

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 50039.70 | CORE SIZE | NQ | LOGGED BY | Dick Ann |
| DATE COLLARED | April 22, 1995 | LENGTH | 694' | LONGITUDE (E) | 49129.78 | SCALE OF LOG | 1" = 10' | DATE | May 1, 1995 |
| DATE COMPLETED | April 24, 1995 | DIP | -90° | ELEVATION | 3785.895 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

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

**MISCELLANEOUS SYMBOLS and ABBREVIATIONS**

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

alin = alteration; az = azurite; be = 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

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Alin, Footage, Structure) | 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 % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | NOTE: 577' footage block missing. Hole is actually 694' instead of 704'. | | | | | | | | | | | | | |
| | | | | | | | CASING TO 62' | | | | | | | | | | | 3725 |
| MINE PHASE TONALITE: 62' to 694' The main mineralogy of this Tonalite is normal, with plag+qtz+chl as the main assemblage. But down to 210' the lim altn is strong, | ND | 70 | 80° / 0° | ¼" / fracture | qtz (vuggy) - lim - chl - mal / lim - chl - $MnO_2$ - mal | <.5 | - some metasedimentary rocks mixed in with the brx at the start of the hole. | 67 | 80 | 23 | 66911 | .17 | .15 | | 1.25 | .003 | | .05 |
| which has resulted in lots of brx and poor core recoveries overall. | ND | 80 | ? / 0° to 50° | 6' / ⅛" x 3 | brx w/ lim - chl - $MnO_2$ - mal / qtz - lim - chl - (mal) | <.5 | | 77 | 85 | 13 | 66912 | .22 | .19 | | 1.02 | .003 | | .16? |
| | ND | 90 | 0° / 40° / 70° / 30° | ⅛" x 2 / ½" / fractures x 2 / ⅛" | qtz - lim - chl - $MnO_2$ / qtz (vuggy) - ep - chl - lim / lim - clay - mal / lim - qtz - mal | <.5 | - most of the mal can be found in the shears + fractures. | 87 | 90 | 20 | 66913 | .20 | .17 | | 1.16 | .006 | | .18 |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | — | — |
| LEACHABLE OX. | 210' | 210 |
| LIM. ZONE | 255' | 255' |
| SUPERGENE | 262' | 270 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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| 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 | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE) REMARKS | POSTAGE SLEEVES | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 100 | | 30°to60°<br>0°to30°<br>40° | $\frac{1}{8}$"x2<br>$\frac{1}{8}$"to$\frac{1}{4}$"x2<br>$\frac{1}{16}$" | qtz-lim-chl<br>qtz-lim-chl-mal<br>qtz-lim-mal-chl | <.5 | | 97 | 98 | 37 | 66914 | .25 | .21 | | .70 | .003 | | .18 |
| | ND | | 110 | | 40°<br>?<br>40° | $\frac{1}{4}$"<br>4½'<br>shearsx3 | qtz-lim-chl<br>brx w/ lim-chl-clay<br>chl-hem-lim | <.5 | | 107 | 85 | 13 | 66915 | .12 | .07 | | 1.07 | .011 | | .05? |
| - very few structures visible in these strongly lim+clay altered intervals. | ND | | 120 | | 0°<br>? | $\frac{1}{8}$"<br>3' | qtz-chl-lim<br>brx w/ lim-clay-chl | <.5 | | 117 | 85 | 10 | 66916 | .12 | .06 | | .90 | .008 | | .05? |
| | ND | | 130 | | 0°<br>? | $\frac{1}{8}$"<br>5' | qtz-lim-chl<br>brx w/ lim-clay-chl-hem | <.5 | - there is some moderate hem staining but it is hard to determine if these broken zones are part of a fault. | 127 | 65 | 3 | 66917 | .09 | .05 | | .76 | .006 | | .05? |
| | ND | | 140 | | ? | 10' | brx w/ lim-clay-chl-(MnO) | <.5 | - all fragments are 2" or less in this well oxidized interval. | 137 | 55 | 0 | 66918 | .11 | .08 | | .72 | .026 | | .05? |
| | ND | | 150 | | ?<br>10° | 8½'<br>$\frac{1}{8}$" | brx w/ lim-clay-chl-MnO<br>qtz-lim-MnO | <.5 | | 147 | 35 | 3 | 66919 | .11 | .07 | | .87 | .029 | | .05? |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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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 | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL) | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 160 | 20°<br>10°to40°<br>? | 1/16"to1/8"x4<br>1/4"x3<br>4' | qtz (vuggy)-lim-MnO2<br>qtz (vuggy)-lim<br>brx w/ lim-clay-chl-MnO2 | <.5 | LEACH CAP<br>LEACHABLE OX.<br>LIM. ZONE<br>SUPERGENE<br>REMARKS: - no evidence of any copper mineralization or sulphides in these strong lim intervals. | 157 | 85 | 13 | 66920 | .21 | .09 | | 1.82 | .025 | | .05? |
| | ND | 170 | ?<br>0°to10°<br>10° | 5'<br>1/4"x2<br>1/8"x3 | brx w/lim-clay-chl-(MnO2)<br>qtz-lim-chl<br>qtz (vuggy)-lim | <.5 | | 167 | 80 | 10 | 66921 | .27 | .12 | | 1.65 | .016 | | .05? |
| | ND | 180 | 20°to30°<br>20°<br>10° | 1/16"to1/4"x4<br>1/4"<br>1/8" | qtz (vuggy)-chl-lim<br>qtz (vuggy)-lim<br>qtz-lim-MnO2-chl | <.5 | | 177 | 85 | 27 | 66922 | .17 | .10 | | 1.14 | .012 | | .05? |
| | ND | 190 | 30°<br>0°<br>? | 1/8"x2<br>1/4"<br>2' | qtz (vuggy)-lim-chl<br>qtz-lim-chl-MnO2<br>brx w/gg-lim-chl | <.5 | | 187 | 85 | 27 | 66923 | .08 | .06 | | .68 | .009 | | .05? |
| | ND | 200 | ?<br>0° | 5'<br>1/16"x3 | brx w/ lim-clay-gg<br>qtz-lim-chl | <.5 | | 197 | 80 | 10 | 66924 | .23 | .17 | | 1.50 | .015 | | .05? |
| | ND | 210 | 0°<br>0°to30°<br>0°<br>? | 1/16"to1/8"x3<br>1/16"to1/4"x15<br>1/16"x2<br>1/2" | qtz-lim-chl<br>qtz-lim-chl stwk<br>qtz-lim-chl-MnO2<br>brx w/lim-chl-(mal) | <.5 | - Sudden reappearance of mal at 208', on the brx. | 207 | 85 | 50 | 66925 | .24 | .17 | | 1.83 | .014 | | .08 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| 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: LEACH CAP, LEACHABLE OX., LIM. 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 | 220 | | 10°<br>10° to 20°<br>20° | 1/16" to 1/8" x 4<br>1/16" to 1/4" x 5<br>1/16" x 6 | qtz-lim-chl-py-cc-mal-cp<br>qtz-lim-chl-py-cc<br>qtz-chl-lim-cp-cc-py | <.5 | - veinlets at 213' possibly point to an oxy-supergene boundary, with the first appearance of cc and some sulphides (py+cp), alongside mal. | 217 | 95 | 70 | 66926 | .59 | .19 | | .98 | .016 | | .24 |
| | ND | 230 | | 10°<br>30°<br>0°<br>20° | 1/4"<br>1/16" x 4<br>1/8"<br>1/16" x 2 | qtz-lim-chl<br>qtz-lim-chl-py-cc<br>qtz-lim-py-cc-mal<br>qtz-lim-chl | <.5 | | 227 | 98 | 47 | 66927 | .33 | .19 | | 1.21 | .005 | | .20 |
| | ND | 240 | | ?<br>30° to 40°<br>40°<br>40° | 3'<br>1/8" x 2<br>3/4"<br>1/16" x 2 | brx w/ lim-MnO2(mal)<br>qtz-chl-py-(cc)-(cp)<br>ep(vuggy)-qtz-chl<br>qtz-chl-lim-cp-cc | <.5 | | 237 | 92 | 40 | 66928 | .70 | .24 | | 1.33 | .014 | | .33 |
| | ND | 250 | | 40°<br>40°<br>40°<br>40° | 1/16" x 4<br>2" to 6" x 2<br>1/16" to 1/8" x 4<br>1/8" x 4 | qtz-chl-lim-cp-cc<br>qtz-lim-MnO2<br>qtz-chl-lim-cp-cc<br>qtz-chl-py-cc | <.5 | - numerous cc blackened qtz+py veins | 247 | 99 | 70 | 66929 | .39 | .10 | | 1.08 | .010 | | .30 |
| | ND | 260 | | 40°<br>?<br>70°<br>30°<br>90° | 1/8" x 2<br>1'<br>1/16" x 4<br>1/16" x 3<br>1" | qtz-chl-cc-py<br>brx w/ lim-hem-(cc)-(py)<br>qtz-lim-chl<br>qtz-chl-cp-Mo<br>ep(vuggy)-qtz-chl | <.5 | | 257 | 97 | 53 | 66930 | .45 | .02 | | 1.01 | .004 | | .26 |
| | ND | 270 | | 30° to 40°<br>90°<br>40° | 1/8" x 3<br>1/4" x 3<br>1/4" | qtz-chl-py-cc<br>ep-qtz-chl<br>qtz-ep-cp-chl | <.5 | | 267 | 100 | 87 | 66931 | .32 | .01 | | .98 | .002 | | .23 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alt. Type, Alt. Int., 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 280 | 10°to40°<br>30°<br>40°<br>30° | $\frac{1}{8}$"to$\frac{1}{4}$"x2<br>8"<br>$\frac{1}{16}$"to$\frac{1}{8}$"x5<br>$\frac{1}{16}$"x2 | qtz-chl-ep-cp-py<br>qtz-(chl)-((cp))<br>qtz-chl-cp-py<br>qtz-chl-cp | <.5 | | | 277 | 98 | 63 | 66932 | .42 | .01 | | 1.32 | .002 | | .18 |
| | ND | 290 | 30°<br>40°<br>30°to40° | $\frac{1}{2}$"<br>$\frac{1}{16}$"x7<br>$\frac{1}{16}$"to$\frac{1}{4}$"x5 | qtz-ep-chl<br>qtz-chl-py-cp<br>qtz-chl-cp-py | <.5 | | | 287 | 99 | 67 | 66933 | .23 | .01 | | .95 | .002 | | .15 |
| | ND | 300 | 40°<br>0°<br>30°<br>20° | $\frac{1}{4}$"x2<br>$\frac{1}{16}$"<br>$\frac{1}{8}$"x3<br>$\frac{1}{16}$"x2 | qtz-chl-py-cc-cp<br>qtz-chl-cp<br>ep-qtz-chl<br>qtz-chl-cp | <.5 | - minor reappearance of cc coating some py grains | | 297 | 100 | 63 | 66934 | .52 | .01 | | 1.20 | .008 | | .20 |
| | ND | 310 | 20°<br>10°<br>30°<br>20° | Shear<br>$\frac{1}{16}$"x2<br>$\frac{1}{8}$"<br>$\frac{1}{4}$"x2 | hem-chl<br>ep-qtz-chl-py-cp<br>qtz-chl-(cp)-(py)-(Mo)<br>qtz-chl-ep-(py) | <.5 | | | 307 | 100 | 77 | 66935 | .42 | .01 | | 1.13 | .003 | | .10 | MK .25 |
| | ND | 320 | 10°to40°<br>0°to10°<br>? | $\frac{1}{8}$"x3<br>$\frac{1}{16}$"x4<br>2' | qtz-chl-cp-(py)<br>qtz-chl-cp<br>brx w/hem-(cp) | <.5 | - numerous and pervasive qtz+cp stringers throughout the Tonalite, especially in the chl darkened sections. | | 317 | 98 | 53 | 66936 | .60 | .01 | | 2.12 | .002 | | .40 |
| | ND | 330 | 10°<br>0°to20°<br>40°<br>? | fracture<br>$\frac{1}{16}$"x3<br>$\frac{1}{4}$"<br>3' | hem-chl-ep<br>qtz-chl-cp<br>qtz-chl-cp-py-cc-Mo<br>brx w/ qtz-(hem)-(cp) | <.5 | - possible fault zone, from 327' to 335', with several brx sections and minor qtz+hem. | | 327 | 90 | 60 | 66937 | .49 | .01 | | 1.41 | .003 | | .30 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-3 Page 6 of 12

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alt. Type, Intensity, 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 340 | ?<br>0°to30°<br>20° | 2'<br>1/16" x 2<br>1½" | brx w/ hem-(py)-(cp)<br>qtz-chl-cp<br>qtz-(chl)-(Mo)-(cp) | <.5 | | | 337 | 88 | 30 | 66938 | .53 | .01 | | 1.31 | .004 | | .23 |
| | ND | 350 | 90°<br>30°<br>80°to90° | 2½"<br>1/16"to⅛"x4<br>⅛"to¼"x2 | ep(magn)-qtz-chl-(py)-(cp)<br>qtz-chl-py-cp<br>qtz-ep-chl-(py)-(cp) | <.5 | | | 347 | 99 | 77 | 66939 | .37 | .01 | | 1.30 | .004 | | .15 |
| - numerous 1" to 6" ep bands throughout this interval, with qtz+cp stringers running through some of the ep bands. | ND | 360 | 0°<br>70°to90°<br>0° | 1/16"<br>1" to 3" x 4<br>1/16" | qtz-ep-chl-cp-py<br>ep-qtz-chl-(cp)<br>qtz-ep-chl-cp | <.5 | | | 357 | 100 | 67 | 66940 | .38 | .01 | | 1.16 | .003 | | .20 |
| | ND | 370 | 40°<br>30°<br>20° | 1/16"<br>1/16" x 8<br>shear | qtz-chl-cp<br>qtz-chl-cp-py<br>hem-chl-carb | <.5 | - the Tonalite from 267' to 375' is a light red from all the hem staining | | 367<br>370 | 98<br>94 | 50 | 66941 | .12 | <.01 | | 1.19 | .001 | | .08 |
| | ND | 380 | ?<br>0°<br>30° | 1'<br>1/16"<br>¾" | brx w/ hem-carb-(py)-(cp)<br>qtz-chl-cp<br>qtz-carb-chl-(cp) | <.5 | - very few structures visible, in this interval. | | 377 | 93 | 30 | 66942 | .25 | .01 | | 2.22 | .002 | | .04 |
| - moderate to strong, pervasive carb altn, from 380' to 420', in veins + fractures. The carb generally has a light yellow color. | ND | 390 | 40°<br>30°<br>30°to40° | ⅛" x 3<br>¼"<br>1/16" x 15 | qtz-carb-chl<br>qtz-carb-chl<br>qtz-carb-chl | <.5 | | | 387 | 96 | 43 | 66943 | .08 | <.01 | | 2.13 | .002 | | .02 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-3 Page 7 of 12

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Lith. Alt. Type 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 400 | 10° to 20°<br>50°<br>0°<br>40° | 1/8" to 1/4" x 2<br>1/8" to 1" x 2<br>1/8"<br>1/4" x 2 | qtz-chl-cp-(py)<br>cp-qtz-carb-chl-(cp)<br>qtz-py-carb-chl-(cp)<br>qtz-chl-carb | <.5 | | | 397 | 99 | 53 | 66944 | .21 | <.01 | | 1.84 | .003 | | .12 |
| | ND | 410 | 10°<br>0°<br>10°<br>40° | 1/16"<br>1/8"<br>1/8"<br>1/4" | qtz-carb<br>qtz-chl-cp-py<br>qtz-chl-cp-py-(Mo)<br>qtz (vuggy)-chl-carb | <.5 | - Strong hem staining on several fractures, in this interval | | 407 | 98 | 63 | 66945 | .18 | <.01 | | 1.53 | .002 | | .14 |
| | ND | 420 | 40°<br>0°<br>20° to 30° | 1/4"<br>1/2"<br>1/16" to 3/4" x 3 | qtz-carb-hem<br>qtz-chl-(cp)<br>qtz-chl-cp-py-(Mo) | <.5 | - cp mineralized veins are generally low angled, with several veins close to parallel with the core axis. | | 417 | 98 | 57 | 66946 | .24 | <.01 | | 1.81 | .028 | | .23 |
| | ND | 430 | 0°<br>?<br>40°<br>0° | 1/4"<br>1'<br>1/8"<br>1/4" | qtz-chl-cp<br>brx w/ hem-carb-((cp))<br>qtz-carb-chl<br>qtz-chl-cp-py | 0.6 | | | 427 | 96 | 60 | 66947 | .40 | <.01 | | 1.70 | .007 | | .27 |
| | ND | 440 | 0° to 20°<br>80° to 90°<br>40°<br>0° | 1/16" x 3<br>1/8" to 3/4" x 3<br>1/8"<br>1/2" | qtz-chl-py-(cp)<br>cp-qtz-chl<br>qtz-chl-carb<br>qtz-chl-cp-py | <.5 | | | 437 | 100 | 70 | 66948 | .10 | <.01 | | .79 | .001 | | .10 |
| | ND | 450 | 0°<br>0° to 20°<br>?<br>30° | 1/16" to 1/8" x 2<br>1/8" x 2<br>1'<br>1/2" x 1 | qtz-chl-cp-(Mo)<br>qtz-chl-cp-(py)<br>brx w/ carb-cp<br>qtz-chl-cp-hem | <.5 | | | 447 | 98 | 67 | 66949 | .24 | <.01 | | 1.26 | .002 | | .25 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-3 Page 8 of 12

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alt Type & Alt, 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - significant quantities of ser visible in the brx, and enough ser altn to create the Quartz Sericite Chalcopyrite Pyrite Alteration Phase, from 457' to 460'. The bulk of all the sulphides are closely associated with the ser. | ND | 460 | 20°to40°<br>?<br>40°to60°<br>30° | fractures x2<br>1 3/4"<br>1/4"to3/4" x3<br>2' | chl-carb-cp-hem<br>brx w/ser-carb-cp-py-Mo tex<br>qtz-chl-ser-py-cp<br>qtz-chl ser-carb-py-cp-Mo | 1.5 | | 457 | 91 | 20 | 66950 | .77 | .01 | | 3.04 | .034 | | .43 | MR SG |
| - sharp chl decline, from 460' to 465', and appears to be a low chl Tonalite but with ≤ 10% chl the interval is almost a qtz+ plag porphyry | ND | 470 | 20°to30°<br>0°<br>20°to40° | 1/16" x 8<br>1 3/4"<br>1/16"to1/8" x2 | qtz-chl-cp-py<br>qtz-carb-(chl)-(cp)<br>qtz-chl-py-cp | <.5 | - dark orange carb in most of the fractures and veins.<br>- the rapid decrease in ser+chl from the previous interval, coincides with the drop in grade. | 467 | 92 | 57 | 66951 | .22 | <.01 | | .94 | .003 | | .12 | |
| | ND | 480 | 40°<br>30°<br>20°to30°<br>20° | 1/16" x 4<br>1/8"<br>1/4" x2<br>fracture | qtz-chl-(cp)-(py)<br>qtz-chl-cp-py<br>qtz-chl-carb-py-cp<br>carb-hem | <.5 | | 477 | 100 | 70 | 66952 | .17 | <.01 | | 1.22 | .001 | | .09 | |
| - the core from 487' to 500' has undergone rapid and distinct changes in lithology & LEUCOCRATIC PHASE (487' to 500') → the chl has dropped <5% in most areas, leaving a qtz+ plag porphyry. This core has an odd appearance with the extensive saussurite altn, which caused the plag to be replaced (in some spots) by ep, yet the plag "lath" shape is maintained. This ep altn is strongest from 495' to 500' | ND | 490 | 40°<br>0°<br>?<br>20°to30° | 1/4"<br>1/8"<br>1'<br>1/16" x 4 | qtz-chl-py-(cp)<br>qtz-chl-cp-py<br>brx w/hem-carb<br>qtz-chl-py-cp | <.5 | | 487 | 94 | 57 | 66953 | .26 | <.01 | | 1.19 | .007 | | .13 | |
| | ND | 500 | 40°<br>30°to50°<br>40° | 1/4"<br>1/16"to1/8" x12<br>1/4" x2 | qtz-cp-(carb)<br>qtz-cp-py<br>qtz-ep-carb | 0.6 | | 497 | 100 | 80 | 66954 | .07 | <.01 | | .27 | .002 | | .27 | |
| | ND | 510 | 30°to40°<br>60°<br>40°<br>0° | 1/8"to1/4" x2<br>1/16" x6<br>3/4"<br>1/8" | qtz-cp-Mo<br>qtz-cp-chl<br>qtz-Mo-cp<br>qtz-cp-chl | <.5 | - high grade Mo in several qtz+cp vein of this interval. | 507 | 100 | 83 | 66955 | .62 | <.01 | | .90 | .012 | | .42 | DC |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-3 Page 9 of 12

| ROCK TYPES and ALTERATION | FOLIATION 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) 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 | 520 | 40°to50°<br>50°<br>40°<br>40° | 1/16"x6<br>1/4"x3<br>1/2"<br>1/4"x2 | qtz-chl-cp-hem<br>qtz-chl-(cp)-(py)<br>qtz-ep-chl-carb<br>qtz(vuggy)-carb-chl-cp | <.5 | | 517 | 100 | 83 | 66956 | .18 | <.01 | | .46 | .007 | | .23 |
| | ND | 530 | 40°to60°<br>40°to70°<br>40°to70° | 1/16"to1/4"x15<br>1/8"to1/4"x7<br>1/8"to1/4"x6 | qtz-chl-ser-cp<br>qtz-chl-ser-cp<br>qtz-chl-ser-py-cp-Mo | 1.0 | - numerous ser+cp rich structures, from 520' to 560' | 527 | 100 | 67 | 66957 | .22 | <.01 | | .48 | .009 | | .30 |
| | ND | 540 | 50°to70°<br>40°<br>40°to60° | 1/8"to1/4"x4<br>1/8"<br>1/16"to1/4"x25 | qtz-chl-ser-(py)-(cp)<br>qtz-chl-hem-cp<br>qtz-chl-ser-cp-py | 1.0 | | 537 | 100 | 80 | 66958 | .24 | <.01 | | .56 | .005 | | .36 |
| | ND | 550 | ?<br>50°to60°<br>50°<br>40° | 1'<br>1/4"x3<br>1/16"to1/4"x6<br>1/16"x5 | brx w/carb-(py)-(cp)<br>qtz-chl-cp<br>qtz-chl-ser-cp-(py)-(hem)<br>qtz-chl-ser-cp-py | 0.6 | - light hem staining on Tonalite from 540' to 544'. | 547 | 93 | 57 | 66959 | .25 | <.01 | | .76 | .003 | | .27 |
| | ND | 560 | 40°<br>40°<br>40°<br>40°to70° | 1/16"x4<br>5 1/2'<br>1 1/2"<br>1/16"to1/4"x6 | qtz-chl-ser-cp<br>qtz-carb-chl-cp-Mo<br>qtz(vuggy)-Mo-cp<br>qtz-chl-cp | <.5 | - large, broken-up qtz vein, from 550.5' to 556', with sections of good cp+Mo grades | 557 | 85 | 30 | 66960 | .59 | <.01 | | .76 | .062 | | .72 |
| - Leucocratic Phase, from 560' to 575', is another qtz+plag porphyry with <1% chl. | ND | 570 | 40°<br>50°<br>40° | 1/16"x2<br>1/16"x5<br>1/16"x2 | qtz-chl-cp<br>qtz-chl-cp-py<br>qtz-chl-py-cp | <.5 | | 567 | 98 | 50 | 66961 | .16 | <.01 | | .43 | <.001 | | .10 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-3 Page 10 of 12

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alts Type Footage Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL): LEACH CAP; LEACHABLE OXI.; 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * the 577' footage block is missing in this competant core, so I will assume the drillers made a mistake and subtract 10' from the footage blocks after 567'. Therefore, this hole was drilled down to 694' not to 704' like | ND | 580 | 40°<br>40°<br>40°to90° | 3/4"<br>1/16"x5<br>1/16"to1/8"x12 | qtz-ep-carb-((cp))<br>qtz-chl-py-(cp)<br>qtz-chl-py-cp | 1.0 | REMARKS: -there is a noticeable decrease in the cp to py ratio, in this interval relative to the previous 100'. | 577 | 100 | 73 | 66962 | .06 | <.01 | | .64 | .002 | | .07 |
| the last footage block implies There is ~11' separating the 567' and 587' blocks! | ND | 590 | 60°<br>40°<br>40° | 1/16"to1/8"x3<br>1/16"x2<br>1/16"x5 | qtz-chl-py<br>qtz-chl-ep-cp-py<br>qtz-chl-py-(cp) | 0.6 | | 587 | 100 | 77 | 66963 | .05 | <.01 | | .40 | <.001 | | .04 |
| -ep+pied altn strong, from 589' to 595'. | ND | 600 | 60°<br>0°<br>0°<br>40° | 1/16"x2<br>fracture<br>1/2"<br>1/16"to1/8"x4 | qtz-chl-ep<br>hem-carb<br>ep-qtz-chl<br>qtz-chl-ep-py-cp | <.5 | -strong hem staining, in core and fractures, from 590' to 594' | 597 | 100 | 70 | 66964 | .06 | <.01 | | .77 | .001 | | .05 |
| | ND | 610 | 40°<br>40°to20°<br>30°<br>40°<br>40° | 3"<br>1/16"x3<br>fractures x2<br>2"<br>1/16"to1/8"x4 | ep-qtz-chl<br>qtz-chl-cp<br>hem-carb<br>ep(vuggy)-qtz-chl<br>qtz-chl-py-cp | <.5 | | 607 | 98 | 73 | 66965 | .14 | <.01 | | 1.06 | .002 | | .09 |
| | ND | 620 | 60°<br>90°<br>40°to50°<br>50°<br>40° | 1/16"x7<br>1"<br>1/16"x3<br>1/4"<br>1/8" | qtz-chl-cp<br>ep-qtz<br>qtz-chl-cp-py<br>qtz-carb-chl-hem<br>ep-qtz-chl-py | <.5 | | 617 | 98 | 80 | 66966 | .07 | <.01 | | 1.09 | <.001 | | .04 |
| | ND | 630 | 40°<br>30°<br>80°<br>70° | 1/8"x2<br>1/8"<br>1/8"<br>1/4" | qtz-chl-cp<br>qtz-chl-carb-(cp)<br>qtz-chl-py<br>ep-qtz-chl | <.5 | | 627 | 100 | 87 | 66967 | .06 | <.01 | | 1.04 | .002 | | .07 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-3 Page 12 of 12

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alin | 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 | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ↓ | ND | | | // | 40° | $\frac{1}{16}$"x4 | qtz-chl-ep-cp-py | ↓ | | | 594 | 98 | ↓ | ↓ | | | | | | | ↓ |
| | | | | | | | 694' ★ E.O.H | | | | | | | | | | | | | | |
| | | | | | | | Dick Poon | | | | | | | | | | | | | | |

ASSAY RESULTS

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-4 Page No. 1 of 7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 50 737.38 | CORE SIZE | NQ | LOGGED BY | ANDREW STEWART |
| DATE COLLARED | April 24, 1995 | LENGTH | 407 FEET | LONGITUDE (E) | 49 876.45 | SCALE OF LOG | 1" = 10' | DATE | 02/05/95 (DD/MM/YY) |
| DATE COMPLETED | April 25, 1995 | DIP | -90° | ELEVATION | 3926.305 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- 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 | 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. | 132' | 130 |
| LIM. ZONE | 132 | 132 |
| SUPERGENE | — | — |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Altn, 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 % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | CASING TO 12' | | | | | | | | | | | |
| NORMAL MINE PHASE TONALITE<br>• COMPOSED OF PLAG, CHL, QTZ<br>• MOD TO STR SAUS ALT<br>• WK FOLIATION | 0-40° WK | 20 | ?<br>? | 1'<br>1' | Brx W/ LIM-$MnO_2$<br>Brx W/ LIM-$MnO_2$ | <0.5 | CP IN BLOTCHES 12'-56'<br>LIM-$MnO_2$ ON FRAC FOR THE INTERVAL | 17 | 80 | 13 | 67001 | .11 | .06 | | 1.55 | .002 | | .01 |
| | 40-50° WK | 30 | 40° | 2' | Brx W/ LIM-$MnO_2$ | <0.5 | LIM-$MnO_2$ ON FRAC FOR INTERVAL | 27 | 90 | 47 | 67002 | .13 | .08 | | 1.55 | .003 | | .12 |
| | 50° WK | 40 | ?<br>40x3<br>? | 1'<br>1/8" x 3<br>1' | Brx LIM-$MnO_2$<br>MAL-LIM-$MnO_2$ ON FRAC<br>Brx LIM-$MnO_2$ | <0.5 | YELLOW/GREEN CLAY-LIM-$MnO_2$ ON FRACTURES FOR INTERVAL | 37 | 85 | 50 | 67003 | .15 | .13 | | .91 | .001 | | .10 |
| | 50° WK | 50 | 70x1 | ARLN | LIM-$MnO_2$-CHRY ON FRAC | <0.5 | LIM-$MnO_2$ ON FRACTURE FOR THE INTERVAL | 47 | 99 | 33 | 67004 | .09 | .08 | | 1.00 | .002 | | .03 |

3914

3905

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-4 Page 2 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alin | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QUARTZ EPIDOTE ALTERATION PHASE | 55° WK TO MOD | | 60 | | 55°x1 | 2" | $MnO_2$ - LIM - ((MAL)) MAL-$MnO_2$ - (LIM) $MnO_2$ - LIM - ((MAL)) - ((CHR)) | <0.5 | | MAL OCCURS AS SMALL BLOTCHES WITHIN THE MINE PHASE TONALITE FOL FOLIATION | 54 | 75 | 33 | 67005 | .33 | .29 | | 1.12 | .001 | | 0.15 |
| MINE PHASE TONALITE | 65° WK/MOD | | 70 | | | | (CU CLAY) - ((CHR)) - ((LIM)) - ((MnO2)) IN FRACTURES | <0.5 | | ↓SAUS ↑LIM IN FOLIATION CU CLAY ON FRACTURES | 67 | 80 | 10 | 67006 | .15 | .11 | | .93 | .003 | | 0.03 |
| | 60° MOD TO WK | | 30 | | 60°x10 | 1-3" | EPI - SAUS CLAY - LIM - ($MnO_2$) - ((PY)) | <0.5 | | VEINED AREAS OF EPIDOTE - LIM ALT THROUGH DIST INT | 77 | 70 | 30 | 67007 | .08 | .05 | | .61 | .004 | | 0.02 |
| | 50-55° WK | | 90 | | 70°x2 | 1/4-1/8" | LIM - $MnO_2$ IN FRAC SAUS CLAY - LIM IN FRAC QTZ - LIM - $MnO_2$ - EPI - ((MAL)) | <0.5 | | ↑LIM | 87 | 67 | 17 | 67008 | .10 | .07 | | .94 | .004 | | 0.03 |
| | 60° WK | | 100 | | 70°x3 ? 40°x3 | 1/6-1/4"x3 1" 1/4"x4 | EPI - LIM - $MnO_2$ - ((MAL)) BRX SAUS CLAY - LIM SAUS CLAY - $MnO_2$ - LIM | <0.5 | | HEMATITE STAINING | 97 | 60 | 17 | 67009 | .14 | .12 | | 1.01 | .007 | | 0.02 |
| | 60° WK | | 110 | | 60°x1 ? 60°x1 50°x1 ? | 1" 2" 1/6" 1/4" 2" | QTZ - LIM - SAUS CLAY - $MnO_2$ BRX - SAUS CLAY QTZ - $MnO_2$ - PY - LIM QTZ - ((LIM)) QTZ - EPI - (LIM) - (($MnO_2$)) | <0.5 | | WK HEM STAINING THROUGH INTERVAL | 107 | 98 | 40 | 67010 | .09 | .07 | | .90 | .001 | | 0.03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-4 Page 3 of 7

| ROCK TYPES and ALTERATION | FOLIATION 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 OX.; LIM. ZONE; SUPERGENE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50° wk | | 120 | | ?<br>?<br>65°x1<br>60°x3 | 1"<br>2"<br>½"<br>½"-¼" | Box - SRUS CLAY - LIM ON FRAC<br>Brx - SRUS CLAY<br>QTZ - (LIM) - ((MnO2))<br>QTZ - LIM - (PY) - (MnO2) | <0.5 | | SMALL PY STRINGERS WITHIN CORE 115 - 120 | 117 | 87 | 30 | 67011 | .11 | .05 | | 1.15 | .084 | | 0.05 |
| | 50° wk 5 MOD | | 130 | | 40°x1<br>Box<br>50°x5 | 1½"<br>4"<br>½"-½" | QTZ - LIM - MnO2 - PY<br>SRUS CLAY - MnO2 - CHL - QTZ ON FRACTURES & WITHIN CORE<br>MnO2 - MAG - [illegible]<br>LIM - MnO2 - QTZ (MAG) | <0.5 | | | 127 | 93 | 10 | 67012 | .25 | .18 | | 1.58 | .004 | | 0.06 |
| | 75° wk | | 140 | | 60°x1<br>60°x4<br>55°x4 | 2"<br>½"<br>½"-1/12" | QTZ - LIM - MnO2<br>QTZ - PY - CPY ± (LIM ± MnO2)<br>QTZ - CHL - PY - CPY | <0.5 | | HEM STAINING | 137 | 85 | 33 | 67013 | .35 | .04 | | 1.50 | .011 | | 0.05 |
| | 65° wk | | 150 | | 60°x1<br>?<br>60°x1<br>65°x1<br>? | ½"<br>1"<br>½"<br>½"<br>½" | QTZ - PY - (CPY)<br>Box<br>QTZ - MAG - (PY) - ((CPY))<br>QTZ - CPY - PY<br>MAG - CPY - PY | <0.5 | | REPLACEMENT MAG, CPY ± PY IN QTZ VEINS | 147 | 92 | 27 | 67014 | .50 | .01 | | 2.26 | .019 | | 0.06 |
| | 60° wk | | 160 | | 80°x1<br>60°x7<br>50° | 1"<br>½"<br> | QTZ - MO - CPY - ((PY))<br>CPY - QTZ - PY<br>QTZ - CPY - MO - ((PY)) | <0.5 | | ↓CHL IN MINEPHASE TONALITE 158-168 | 157 | 95 | 50 | 67015 | .41 | .01 | | 1.52 | .038 | | 0.05 |
| | 60° wk | | 170 | | 60°x4<br>?<br>60°x12 | 1/16"<br>1"<br>1/16" | CPY - PY<br>QTZ - EPI<br>CPY - PY | <0.5 | | MANY SMALL CPY - PY STRINGERS | 167 | 96 | 57 | 67016 | .29 | <.01 | | .65 | .020 | | 0.06 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-4 Page 4 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type | GRAPHIC LOG Footage | GRAPHIC LOG Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP; LEACHABLE OXI.; 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50° WK | | 180 | | 60°x15<br>60°x2 | 1/32"-1/4"<br>1/2" | QTZ-CPY<br>QTZ-CPY | <0.5 | | | 177 | 100 | 70 | 67017 | .25 | <.01 | | .60 | .012 | | 0.05 |
| | 50° WK | | 190 | | 70°x5<br>60°x4 | 1/32"<br>5/32" | QTZ-PY-((CPY))<br>QTZ-CARB ONLY | <0.5 | | | 187 | 70 | 60 | 67018 | .15 | <.01 | | .70 | .019 | | 0.12 |
| | 50° WK | | 200 | | 60°x7<br>40°x1<br>45°x3 | 1/16<br>5/32<br>1/8 | MO-CPY-PY<br>QTZ-CPY-MO-PY<br>QTZ-CPY-MO-PY | <0.5 | | | 197 | 97 | 77 | 67019 | .31 | <.01 | | .80 | .042 | | 0.03 |
| | 50° WK | | 210 | | 50x2<br>50°x2<br>55°x1 | 1/8"<br>1/32"<br>1/2" | QTZ-CPY-(PY)<br>QTZ-CPY-(PY)<br>QTZ-CHL | <0.5 | | | 207 | 90 | 53 | 67020 | .17 | <.01 | | .75 | .010 | | [illegible] |
| | 50° WK | | 220 | | 50°x1<br>60x1 | 1/2"<br>1/32" | QTZ-CHL<br>CHL-PY | <0.5 | | | 217 | 95 | 57 | 67021 | .09 | <.01 | | .87 | .003 | | 0.02 |
| | 50° WK TO ND | | 230 | | 35°x1<br>60°x4<br>65°x2 | 1/2"<br>3/16"<br>3/16" | QTZ-PLAG-EPI-(CHL)-((CPY))<br>QTZ-MAG-CPY-CHL<br>QTZ-PY-CPY-(MO) | <0.5 | ↓CHL & MOD. EPI ALT 220-222 | | 227 | 99 | 50 | 67022 | .25 | .02 | | 1.08 | .004 | | 0.14 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-4 Page 5 of 7

| 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 | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu | ASCu | CNSCu | ASFe | $MoS_2$ | Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 30° WK | 240 | ? x1<br>60° x1<br>? x2<br>60° x1<br>50° x1 | 2"<br>1/4"<br>1 1/2"<br>HRLN | QTZ-CPY, SOME HEM STAIN<br>QTZ-CHL-(CPY)<br>QTZ-CPY-CHL<br>CHL-PY<br>QTZ-MAG-CPY | <0.5 | VUGGY VEIN, SER ALT | 232 | 97 | 37 | 67023 | .32 | .01 | | 1.27 | .011 | | 0.09 |
| | 30° WK | 250 | 60° x1<br>30° ? | HRLN<br>1" | PY<br>BRX | <0.5 | CHL (240-245) SER ALT<br>BRX | 242 | 100 | 37 | 67024 | .06 | <.01 | | .93 | .003 | | 0.03 |
| | 30° WK | 260 | ? | 1"<br>6" | GRUGE-↑CARB<br>BRX-↑CARB CONTAG | <0.5 | GRUGE<br>BRX | 252 | 90 | 20 | 67025 | .11 | <.01 | | 1.38 | .002 | | 0.03 |
| | ND | 270 | 60° x4<br>60° x1<br>55° x1 | 4/10"-1/10"<br>1/2"<br>1/10" | QTZ-CPY-PY<br>QTZ-PLAG-<br>QTZ-CPY-MAG-PY | <0.5 | HEM STAIN-FELC ONLY 266.5-267.5 | 262 | 95 | 63 | 67026 | .12 | <.01 | | .90 | .004 | | 0.03 |
| | 70° WK | 280 | 30° x1<br>30° x2<br>? | 2"<br>HRLN<br>1/8"<br>1/8"<br>1/10" | QTZ-↑EPI-PY-CPY-MAG<br>PY-CPY<br>QTZ-CPY-MAG<br>CARB-HEM<br>QTZ-PY-CHL | <0.5 | ↑HEM STAIN 277-287 | 277 | 100 | 63 | 67027 | .06 | <.01 | | .67 | .004 | | 0.03 |
| | ND TO WK ? | 290 | 70° x4<br>60° x1 | 1/2"-1/10"<br>HRLN | QTZ-CPY-CHL<br>PY | <0.5 | | 287 | 96 | 63 | 67028 | .12 | <.01 | | .79 | .006 | | 0.03 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alin / Footage / Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL): LEACH CAP, LEACHABLE OXI., 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° wk | 300 | 75°x4<br>65°x3<br>65°x2<br>? | 3/10" - 1/2"<br>1/2"-HRLN<br>2" - 1/2"<br>3' | QTZ-EPI<br>QTZ-CPY-PY<br>QTZ-MO-CPY-PY<br>BRX | <0.5 | | 247 | 85 | 20 | 67029 | .38 | .02 | | 1.20 | .027 | | 0.07 |
| | 60° wk | 310 | ?<br>?<br>60°x1 | 5'<br>1 1/2"<br>3/4" | BRX<br>QTZ-MOLY-CPY-PY<br>QTZ-MOLY-PY | <0.5 | | 297 | 80 | 30 | 67030 | .30 | .01 | | 1.18 | .008 | | 0.06 |
| | 50° wk | 320 | ?<br>50°x5 | HRLN<br>1/4"-HRLN | QTZ-PY<br>QTZ-PY | <0.5 | EPI ALT 314-315<br>ONE VEIN IS DEAD<br>CARB BRX FRAC | 317 | 95 | 33 | 67031 | .13 | <.01 | | 1.22 | .004 | | 0.02 |
| | 55° wk | 330 | 40°x1<br>20°x1<br>50°x1 | 1"<br>2"<br>1/4" | QTZ<br>QTZ-CPY-MO<br>QTZ-CHL | <0.5 | | 327 | 99 | 47 | 67032 | .29 | <.01 | | .93 | .019 | | 0.04 |
| | 60° wk TO ND | 340 | 40°x3<br>60°x3<br>20°x1 | 1/8"<br>1"-1/4"<br>1" | QTZ-PY<br>QTZ-CHL-EPI-PY<br>QTZ-CPY-PY | <0.5 | VUGGY VEIN | 337 | 100 | 70 | 67033 | .09 | <.01 | | .78 | .001 | | 0.03 |
| | 60° WK TO ND | 350 | ?x8<br>80°x1 | 2"-1/4"<br>1/4" | QTZ-CHL-CPY-(PY)<br>QTZ-EPI-((PY)) | <0.5 | | 347 | 99 | 47 | 67034 | .06 | <.01 | | .82 | .001 | | 0.03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-4 Page 7 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alln | Footage | Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° WK TO ND | | 360 | | ?x5<br>?x<br>35°x2 | ¼-2"<br>4"<br>½ QTZ, HEM | QTZ-CHL-CPY-PY<br>QTZ-PY-CPY<br>QTZ-CHL, CPY-PY | 2% | | | 352 | 100 | 70 | 67035 | .35 | .01 | | 3.40 | .001 | | 0.15 |
| | 55° WK TO ND | | 390 | | 90°x1<br>35°x1<br>70° | 3"<br>1"<br>2" | QTZ CPY<br>QTZ CPY<br>QTZ CPY | <0.5 | | | 367 | 100 | 43 | 67036 | .03 | <.01 | | 1.16 | .001 | | 0.02 |
| | 60° WK TO ND | | 380 | | 45-60° x9 | HRLN | PY-CHL-CPY | <0.5 | | | 372 | 96 | 67 | 67037 | .03 | <.01 | | 1.15 | .001 | | 0.02 |
| | 60° WK TO ND | | 390 | | ?<br>50° | 1"<br>¼" | BRX<br>CPY-QTZ | <0.5 | | | 387 | 100 | 50 | 67038 | .08 | <.01 | | 1.16 | .001 | | 0.08 |
| | ND | | 400 | | ?<br>45°x1<br>45°x2 | 2'<br>½"<br>HRLN | BRX<br>QTZ-PY<br>PY | <0.5 | HEM STAIN 390-392 AND 398-406 | | 397 | 96 | 53 | 67039 | .02 | <.01 | | .87 | .001 | | 0.02 |
| | ND | | | | ?<br>45°x1 | 3'<br>HRLN | BRX<br>PY | <0.5 | | | 407 | 97 | 23 | 67040 | .02 | <.01 | | .80 | .001 | | 0.02 |
| | | | | | | | 407' EOH | | | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 51034.90 | CORE SIZE | NQ | LOGGED BY | M. RYDMAN |
| DATE COLLARED | April 25, 1995 | LENGTH | 257' | LONGITUDE (E) | 49980.48 | SCALE OF LOG | 1" = 10' | DATE | MAY 3, 1995 |
| DATE COMPLETED | April 25, 1995 | DIP | -90.0° | ELEVATION | 3951.695 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- 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 | 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 |

**BOTTOM DEPTHS**

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | — | — |
| LEACHABLE OX. | 105' | 108 |
| LIM. ZONE | 110' | 110 |
| SUPERGENE | — | — |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type & Altn, 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 13 | | | | | CASING TO 13' | | | | | | | | | | | |
| TYPICAL MINE PHASE TONALITE TO END OF HOLE WITH SMALL INTERVALS OF CHLORITE DARKENED MINE PHASE TONALITE | ND | 20 | ? / 20-80 | 4' / hrln-1/10" | brx→ lim-$MnO_2$-(mal) / } lim-$MnO_2$-(mal) on fractures | <0.5 | | 17 | 70 | — | 67041 | .13 | .09 | | 1.46 | .004 | | .08 |
| AND QUARTZ EPIDOTE CHLORITE ALTERATION PHASE. | ND | 30 | 30 / 20 / 40-60 / 20×3 | 1/10" / 1/10" / 1/4"×5 / hrln×3 | lim-$MnO_2$ / lim-$MnO_2$-(mal) / qtz-chl-$MnO_2$-(lim) / py veinlets surrounded by str lim staining | <0.5 | ← wk ep alt'n | 27 | 95 | 70 | 67042 | .04 | .01 | | 1.12 | .002 | | .05 |
| | ND | 40 | 40 / 60 / 60 / 60 / 10-20 | 1/4" / 3/4" / 1/2" / 1/2" / 1/10"×6 | qtz-(ep) / qtz-chl-(lim)-($MnO_2$) / ep-(qtz) / qtz-(chl)-(lim) / py veinlets surrounded by str lim staining | <0.5 | ← wk ep alt'n | 37 | 90 | 43 | 67043 | .05 | .02 | | 1.22 | .001 | | .03 |
| QTZ-EP ALT'N PHASE (45'-76') | ND to 40 wk | 80 | 20 / 30×6 | hrln / hrln×6 | $MnO_2$-(lim) on fracture / py veinlets | 0.5 | } $MnO_2$-lim on fractures / ← lim stain / ← lim ($MnO_2$) on fractures | 47 | 95 | 63 | 67044 | .02 | .01 | | .93 | .001 | | <.03 |

3939

3905

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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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 | 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50 wk | 60 | 20<br>60<br>20x6<br>20 | 1/16"<br>3"<br>1/16"x5<br>1/2 | qtz-chl-(lim)-py<br>ep-(qtz)<br>qtz-chl-py<br>py-lim | 0.7 | | | 57 | 98 | 63 | 67045 | .04 | .01 | | 1.00 | .001 | | <.03 |
| • decrease in the amount of chl giving QTZ-EP ALT'N an almost bleached appearance (60'-76') | ND | 70 | 20x6<br>60 | 1/16"x6<br>3/4" | py veinlets surrounded by lim staining<br>qtz-(chl)-(lim) | 0.5 | | | 67 | 90 | 40 | 67046 | .34 | .03 | | .76 | .007 | | <.03 |
| | ND | 80 | 70x3<br>60<br>20x6<br>?<br>40-60 | 1/4"x3<br>1/2"<br>1/16"x6<br>4'<br>1/2"x5 | qtz-(chl)<br>chl-(qtz)<br>py-((cp)) w/ lim surrounding<br>} well fractured rock with very str lim-mal-cup<br>qtz-chl-lim + diss (py) | 0.5 | | | 77 | 90 | 43 | 67047 | .21 | .09 | | .80 | .001 | | .35 |
| CHLORITE DARKENED MINE PHASE TONALITE (83'-98') | ND | 90 | (30-60)+60<br>?<br>?<br>70 | 1" + 3/4"<br>1'<br>4'<br>1'<br>hrln | qtz-chl-lim-(mal)<br>brx→lim-mal } veinlets of mal<br>brx→ $MnO_2$-lim-mal<br>small blebs mal + qz<br>shear w/ lim-$MnO_2$-mal | <0.5 | } mod to str lim stain | | 87 | 80 | 17 | 67048 | .52 | .41 | | 1.81 | .002 | | .30 |
| | ND | 100 | 20x6<br>?<br>60x2 | 1/16"x6<br>1'<br>1"x2 | 8"<br>py veinlets w/ lim surrounding<br>brx→ lim-$MnO_2$-py<br>qtz-chl-(lim)-(py) | 0.7 | } str lim-$MnO_2$ on fractures throughout | | 97 | 85 | 37 | 67049 | .23 | .13 | | 2.01 | .002 | | .18 |
| | ND | 110 | 20<br>70<br>60<br>60+40+60<br>40x3 | 1/16"<br>3/4"<br>2 1/2"<br>1/2"+1/4"+1"<br>1/2"x3 | py veinlet<br>qtz-chl-(carb)<br>qtz-(lim)-($MnO_2$)-py-cp-(mal)<br>qtz-chl-(carb)-py<br>qtz-chl-(py) | 0.8 | ← lim on fractures | | 107 | 80 | 43 | 67050 | .02 | <.01 | | 1.37 | <.001 | | .08 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-5 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 (ZONE / ESTIMATE / ACTUAL) LEACH CAP; LEACHABLE OX.; LIM. 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 | 120 | 30<br>30x2 | ¾"<br>¼"x2 | qtz-chl<br>ep-(qtz)-(chl) fine grained diss py & hrln py veins throughout interval | 0.7 | | 117 | 95 | 70 | 67051 | .02 | <.01 | | 1.42 | <.001 | | .03 |
| 1' with reduced chl content → | ND | 130 | 70<br>90<br>60 | ¾"<br>1"<br>4" | qtz-chl-((cp))<br>qtz-chl-(carb)<br>qtz-chl-(carb)-((py)) minor hrln py veins throughout interval | 0.5 | | 127 | 90 | 37 | 67052 | .01 | <.01 | | .78 | <.001 | | .04 |
| | ND | 140 | 40<br>30x2<br>40 | 1/3"<br>1/3"x2<br>1/3" | qtz-chl<br>qtz-chl-py<br>qtz-chl-carb-py | 0.8 | | 137 | 95 | 63 | 67053 | .03 | <.01 | | 1.04 | <.001 | | .04 |
| | ND | 150 | 20<br>30x2 | ¼"<br>¼"+½" | qtz-chl-cp<br>qtz-chl-py-((cp))<br>← qtz-cp bleb<br>} wk diss py &<br>} hrln py veins | 0.5 | | 147 | 95 | 43 | 67054 | .15 | <.01 | | 1.52 | <.001 | | .06 |
| | ND | 160 | 50<br>10-20<br>20<br>10-40 | ¾"<br>1/10"<br>½"<br>¼" | qtz-chl-(py)<br>several chl-qtz-py stringers<br>qtz-chl-py-((cp))<br>qtz-chl stringers | 0.7 | wk blotchy and the occasional stringer of ep alt'n throughout interval | 157 | 95 | 60 | 67055 | .03 | <.01 | | 1.02 | <.001 | | .04 |
| | ND | 170 | 60<br>60x2<br>60<br>30x2 | 1½"<br>¼"x2<br>½"<br>1/10" | qtz-chl-(carb)-py-(cp)<br>qtz-chl-py-(cp)<br>qtz-chl-carb<br>py | 0.7 | ← wk ep alt'n (stringers)<br>← ep stringers | 167 | 95 | 56 | 67056 | .02 | <.01 | | 1.24 | .001 | | .05 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-5 Page 4 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alm | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 180 | | 50×5<br>50×2 | 1/10"×5<br>1/5"×2 | qtz-chl-ep-(py)<br>qtz-chl-py | 0.5 | | 177 | 98 | 73 | 67057 | .01 | <.01 | | 1.19 | <.001 | | .03 |
| | ND | | 190 | | 80<br>70<br>30<br>50<br>30×2<br>40×2 | 1/2"<br>2 1/2"<br>1/10"<br>1 1/2"<br>1/5"×2<br>1/10"×2 | qtz-chl-carb,<br>qtz-(ch.)-(carb)-cp<br>qtz-chl-py<br>qtz-carb-(chl)<br>qtz-chl-py<br>qtz-chl-py | 0.5 | | 187 | 98 | 67 | 67058 | .01 | <.01 | | 1.58 | .001 | | .04 |
| | ND | | 200 | | 30<br>60×2<br>30<br>60×2<br>30<br>20×2 | 1/10"<br>3/4"+1/3"<br>1/8"<br>1/2"+3/4"<br>1/10"<br>1/10"×2 | qtz-chl-py<br>qtz-carb-(chl)<br>qtz-carb-(chl)-py<br>qtz-carb-(chl)<br>qtz-chl-py<br>qtz-chl-py-(cp) | 0.5 | | 197 | 99 | 70 | 67059 | .05 | <.01 | | 1.83 | <.001 | | .03 |
| | ND | | 210 | | 30×2<br>20-30<br>60 | 1/10"×2<br>1/16"<br>1" | qtz-chl<br>numerous qtz-chl-py veins<br>← bleb of qtz-chl-carb-(cp)<br>qtz-carb-py-cp | 1.0 | | 207 | 99 | 60 | 67060 | .06 | <.01 | | 1.88 | <.001 | | .06 |
| | ND | | 220 | | 30<br>30<br>50-60<br>60+30 | 3/4"<br>1/4"<br>1/10"-1/8"<br>1/4"+1/2" | qtz-(chl)-py-cp-moly<br>qtz-(chl)-py-(cp)<br>numerous qtz-chl-py veins<br>qtz-chl | 1.0 | | 217 | 98 | 63 | 67061 | .06 | <.01 | | 1.58 | <.001 | | .08 |
| | ND | | 230 | | 30-50 | hrln-1/4" | numerous qtz-chl-py-(cp) veins throughout interval | 1.5 | | 227 | 99 | 60 | 67062 | .05 | <.01 | | 2.64 | .001 | | .05 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-5 Page 5 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alin | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ ser content (234'-238') | ND | | | | 20-30<br>30x2<br>30x3<br>?<br>30x4 | 1/16"-1/8"<br>1/3"x2<br>1/2"x3<br>1 1/2<br>1/2"x4 | numerous qtz-chl-(ser)-py-cc-(cp) veins<br>qtz-ser-chl-py-cc-cp-(moly)<br>qtz-ser-(chl)-py-cp-cc-moly<br>brx → str cp (moly) in qtz frags<br>qtz-chl-py-cp | 2.5 | | 237 | 96 | 27 | 67063 | .98 | .02 | | 3.79 | .007 | | .75 |
| | ND | | 240 | | 30-40<br>50 | 1/16"-1/3"<br>2" | numerous qtz-chl-py-cp-(moly) veins throughout interval<br>qtz-chl-cp | 1.5 | | 247 | 85 | 60 | 67064 | .06 | <.01 | | 1.99 | .001 | | .18 |
| | ND | | 250 | | 30<br>10<br>?<br>60x2 | 1/16"<br>1/4"<br>1 1/2"<br>1/2"+1/2" | qtz-chl-py<br>ep-(qtz)<br>brx → py-cp black tarnish (possibly cc?)<br>qtz-ser-py-cp | 1.2 | ← wk ep alt'n | 257 | 95 | — | 67065 | .15 | <.01 | | 2.14 | <.001 | | .10 |
| | | | 257 | | | | | | E.O.H. 257'<br>Murray Rydman | | | | | | | | | | |

ASSAY RESULTS

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) **DIAMOND DRILL LOG** Hole No. 95-6 Page No. 1 of 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 51181.46 | CORE SIZE | NQ | LOGGED BY | Dick Boon |
| DATE COLLARED | April 25, 1995 | LENGTH | 257' | LONGITUDE (E) | 49786.58 | SCALE OF LOG | 1" = 10' | DATE | May 8, 1995 |
| DATE COMPLETED | April 26, 1995 | DIP | -90° | ELEVATION | 3945.54 | REMARKS | Hole ends within the supergene zone | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- QUARTZ SERICITE CHLORITE PYRITE ALTERATION PHASE
- QUARTZ EPIDOTE CHLORITE 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 | 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 | SWk = 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 (Alt, Type, Footage, Structure) | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION Decreasing Order of Abundance | ESTIMATE % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL): LEACH CAP — / —; LEACHABLE OX. 70' / 60; LIM. ZONE 80' / 50; SUPERGENE E.O.H. / 200 — 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: 13' to 257' The Tonalite in this hole starts off with the main mineral assemblage of plag + qtz + chl. | ND | 20 | 1° / 40° to 50° / 40° | 1⅓' / ½" x 2 / ¾" | brx w/ lim-py / qtz-chl-lim-$MnO_2$-(mal) / ep-qtz-chl-lim | <5 | CASING TO 13' - appearance of mal in shears + fractures with some mal blebs mixed with plag. | 17 | 95 | 47 | 67111 | .15 | .08 | | 1.72 | .001 | | .15 |
| with no saussurite altn down to 80'. So the plag has a white appearance as a result. The core for the first 80' has been very strongly limonitized in some sections, with several brx + gg sections which may | ND | 30 | 30° to 40° / 30° to 40° / 40° | hrln x 4 / ⅛" x 2 / hrln x 6 | $MnO_2$-lim / qtz-chl-lim-(mal) / lim-$MnO_2$ | < 5 | - str pervasive lim altn from 21' to 25', with no evidence of the surrounding Tonalite phase and numerous brecciated qtz veins present throughout | 27 | 95 | 57 | 67112 | .38 | .16 | | 5.22 | .035 | | .10? |
| correspond to this str lim zone, or possibly to a surface fault. | ND | 40 | 20° / 30° to 40° / ? | ½" / ⅛" to ¼" x 3 / 3' | qtz (vuggy)-lim-$MnO_2$ / qtz (vuggy)-lim-py-$MnO_2$ / gg + brx w/ lim-hem | 0.8 | | 37 | 99 | 27 | 67113 | .08 | .02 | | 2.35 | .004 | | .05? |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-6 Page 2 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Rx 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. | SAMPLE NUMBER | TCu | ASCu | CNSCu | ASFe | $MoS_2$ | Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 50 | 30°<br>?<br>? | 1/8"x2<br>3' | qtz-lim-chl-$MnO_2$<br>brx+qs w/ lim-hem | <.5 | -light hem staining on fractures from 40' to 125' | 47 | 90 | 20 | 67114 | .08 | .04 | | 2.14 | <.001 | | .05? |
| | ND | 60 | 20°+o 40°<br>40°<br>10°+o 80°<br>? | 1/8"+o2"<br>1/8"x2<br>1/4"x2<br>3' | qtz-chl-lim-mal<br>qtz-mal-chl<br>qtz-chl-cp-py-lim<br>brx+qs w/ lim-(hem)-(mal) | <.5 | -both mal+cp are present in this interval and it appears the mal is dominate over the cp | 57 | 94 | 23 | 67115 | .25 | .13 | | 1.44 | <.001 | | .30? |
| | ND | 70 | 50°<br>40°<br>30° | 1/8"<br>1/8"<br>1/8" | qtz(vuggy)-ser-py-lim-(cp)<br>qtz(vuggy)-lim-py-$MnO_2$<br>qtz-chl-py | <.5 | | 67 | 90 | 57 | 67116 | .04 | .01 | | .80 | <.001 | | .05 |
| | ND | 80 | 40°<br>?<br>40°<br>40° | 1/8"<br>8"<br>1/8"<br>1"+o1½"x2 | qtz-chl-lim-hem<br>brx+qs w/ lim-(py)<br>qtz-chl-py-cp<br>ep-qtz-chl | <.5 | | 77 | 97 | 63 | 67117 | .02 | <.01 | | .57 | <.001 | | .02 |
| | ND | 90 | 0°<br>40°<br>10°<br>10° | 1/8"<br>1½"<br>hrlnx3<br>fracture | qtz-(py)-(cp)<br>ep-qtz-chl-hem<br>qtz-chl-py<br>carb-chl | 0.6 | | 87 | 100 | 87 | 67118 | .03 | <.01 | | .70 | <.001 | | .02 |
| | ND | 100 | 20°<br>30°<br>40°<br>0° | hrlnx6<br>1/8"<br>1/4"<br>fracture | qtz-chl-py<br>carb-hem<br>qtz-chl-py-((cp))<br>carb-hem-chl | <.5 | | 97 | 100 | 77 | 67119 | .02 | <.01 | | .85 | <.001 | | .02 |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | | |
| LEACHABLE OX. | | |
| LIM. ZONE | | |
| SUPERGENE | | |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-6 Page 3 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG 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 | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 10 | | 20°<br>40°<br>30° | fracture<br>hrln x2<br>$\frac{1}{8}$" | hem-chl<br>gtz-chl-py<br>gtz-chl-(cp) | <.5 | | 107 | 100 | 87 | 67120 | .04 | .01 | | 1.03 | <.001 | | .02 |
| | ND | | 120 | | 40°<br>50°<br>40°<br>30° | 4"<br>$\frac{1}{2}$"<br>$\frac{1}{16}$"x2<br>fracture | gtz(vuggy)-ser-chl-py-cp<br>ep-gtz<br>gtz-chl-py<br>carb-hem | <.5 | - small 4" ser altered section of Tonalite contains most of the visible grade | 117 | 100 | 77 | 67121 | .05 | .02 | | 1.59 | .001 | | .03 |
| | ND | | 130 | | 30°<br>50°<br>60°<br>40° | hrln x3<br>1'<br>[illegible]<br>$\frac{1}{8}$" | carb-hem<br>gtz carb-chl<br>gtz chl-py<br>gtz-carb-chl | < 5 | - light to moderate hem staining from 118' to 130' | 127 | 100 | 93 | 67122 | .01 | <.01 | | 2.40 | <.001 | | .01 |
| | ND | | 140 | | 40°<br>40°<br>30° | $\frac{1}{4}$"x2<br>$\frac{1}{16}$"-$\frac{1}{8}$"x3<br>$\frac{1}{4}$" | gtz-(chl)-(py)<br>gtz-chl-py-carb<br>gtz-carb-cp | 0.6 | | 137 | 100 | 83 | 67123 | .03 | <.01 | | 2.58 | .001 | | .04 |
| | ND to 40° wk | | 150 | | 30°<br>40°<br>40°<br>40° | hrln x2<br>$\frac{3}{4}$"<br>$\frac{1}{4}$"<br>2" | gtz-chl-py<br>gtz-ser-chl-carb<br>gtz(vuggy)-chl-carb-(cp)-(cc)<br>gtz-cp | <.5 | - minor appearance of cc coating grains of cp | 147 | 100 | 73 | 67124 | .04 | <.01 | | 2.16 | .001 | | .10? |
| - this interval has been slightly deformed, with a weak to moderate ser presence in the Tonalite. The Tonalite is pitted in several spots and has a vuggy overall appearance. | ND to 20°-40° wk-mod | | 160 | | 40°<br>20°<br>30° | $\frac{1}{4}$"<br>$\frac{1}{4}$"x2<br>fracture | gtz(vuggy)-chl-carb<br>gtz(vuggy)-chl-((py))-((cc))<br>carb-chl-py-cc | 0.7 | | 157 | 99 | 67 | 67125 | .05 | .01 | | 2.49 | .001 | | .24 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-6 Page 4 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alln | 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. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 170 | | 40°<br>30°-40°<br>40°<br>[illegible]<br>[illegible] | 3"<br>hrln x 5<br>[illegible]<br>3"-[illegible] x 2<br>[illegible] | qtz-Mo-py-(cp)<br>qtz-chl-lim-py<br>[illegible]-lim-(py)-(cc)<br>py-qtz-chl<br>chl-(py)-(cc) | < 5 | | - there is a [illegible] of [illegible] intervals | 167 | 98 | 70 | 67126 | .15 | .02 | | 2.46 | .013 | | .20 |
| | ND | | 180 | | 40°<br>40°<br>20°-[illegible]<br>60° | 1/16" x 2<br>1/4"<br>1/16"-1/4" x 2<br>1/2" | qtz-chl-py-(cc)<br>qtz-ser-chl-py-cc<br>qtz-chl-ser-py-cc-cp<br>qtz-cp-chl-lim | 0.8 | | | 177 | 100 | 77 | 67127 | .18 | .01 | | 2.89 | .001 | | .38 |
| | ND | | 190 | | 40°<br>40°<br>40°<br>40° | 1/16"-1/8" x 3<br>1/2"<br>1/3" x 3<br>1/8" | qtz-chl-py<br>qtz-chl-lim<br>qtz-chl-ser-py-(cc)<br>qtz-chl-py-cc | 0.6 | | | 187 | 99 | 63 | 67128 | .12 | .01 | | 3.51 | .002 | | .21 |
| - ser altn has become dominate in this interval and the brecciated core from 195' to 196', along with well developed crenulations indicate some degree of deformation or fruiting. Quartz Sericite Chlorite Pyrite altn phase from 191' to 200' | ND to 10°-50° crenulated | | 200 | | 10° to 40° | 9" | qtz-ser-chl-lim-py-cc-(cp)-(cup) | 3.5 | | - there is some cup mixed in with QS between 196' and 197'<br>- most of the py conds in this interval have been darkened by a mod to str cc coating | 197 | 90 | 23 | 67129 | .74 | .04 | | 4.72 | .020 | | 1.00 |
| | ND to 0°-40° wk | | 210 | | 20° to 30°<br>0°<br>50°<br>60° | hrln x 4<br>1/2"<br>3/4"<br>2" | qtz-chl-ser-cp-py-(cc)<br>qtz-chl-ser-py-(cc)-(cp)<br>qtz(vuggy)-chl-cp-cc-(py)<br>cp-qtz-chl | 1.0 | | | 207 | 99 | 73 | 67130 | .29 | .01 | | 1.52 | .003 | | .65 |
| | ND | | 220 | | 40°<br>40°<br>40° | 1/8"-1/4" x 2<br>1/16" x 9<br>1/4" x 2 | qtz-chl-cp-py-Mo<br>qtz-chl-py-(cc)<br>qtz-chl-py-cp-(cc) | 0.6 | | | 217 | 99 | 83 | 67131 | .07 | <.01 | | 1.00 | .002 | | .20 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-6 Page 5 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alth | GRAPHIC LOG Footage | GRAPHIC LOG 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 | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 230 | | 30°<br>0°<br>0° | fracture x2<br>1/4"<br>1/4" | ser-chl-py-cc-lim<br>qtz (vuggy) ser-py-cp-cc<br>qtz-chl-ser-py-cp | 1.5 | | - most of the veins are running down the core axis in this interval. | 227 | 98 | 80 | 67132 | .09 | <.01 | | 1.59 | .003 | | .30 |
| | ND | | 240 | | 0°-10°<br>40°<br>60°<br>40° | 1/4" x2<br>1/2" to 4" x3<br>1/8" x2<br>1/8" to 4" x4 | qtz-chl-ser-py-cc-lim<br>qtz-chl-ser-py-lim-(cc)<br>qtz-ser-py-cc<br>qtz-ser-chl-py-(cp)-(cc) | 3.0 | | | 237 | 100 | 87 | 67133 | .07 | <.01 | | 1.98 | .002 | | .40 |
| | VL | | 250 | | 40°<br>0° | 1/8"<br>1/8" | cp-qtz-chl<br>qtz-chl-py-(cp)-(cc)<br>brx w/ lim-ser-py-(cc) | 0.6 | | | 247 | 100 | 70 | 67134 | .05 | <.01 | | 1.40 | .002 | | .15 |
| | ND | | | | 40°<br>30° | brnt to 1/2" x2<br>1/2" | qtz-chl-ser-py-(cc)<br>qtz-ser-chl-carb-(py)-(cp) | <.5 | | | 257 | 96 | 60 | 67135 | .03 | <.01 | | 1.07 | .001 | | .08 |
| | | | | | | | 257' ★ E.O.H | | | | | | | | | | | | | | |
| | | | | | | | Did Poor | | | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-7 Page No. 1 of 7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 50 946.23 | CORE SIZE | NQ | LOGGED BY | ALDREA STEWART |
| DATE COLLARED | April 26, 1995 | LENGTH | 357' | LONGITUDE (E) | 49 509.11 | SCALE OF LOG | 1" = 10' | DATE | 08/05/95 (DD/MM/YY) |
| DATE COMPLETED | April 26, 1995 | DIP | -90 | ELEVATION | 3898.685 | REMARKS | drilled on bedrock | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- QTZ EPI ALT PHASE
- GRANITE MONZONITE 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 = stockwerk; tet = tetrahedrite; wk = weak

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Alt 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. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CASING 13' | | | | | | | | | | | | | |
| MINE PHASE TONALITE: PLAG-CHL-QTZ | WK 55° | 20 | 60°x10 | HRLN | LIM-$MnO_2$ | <0.5 | EPI ALT 16-17 | 17 | 100 | 3 | 67071 | .05 | .04 | | .90 | .001 | | 0.02 |
| | WK 50° | 30 | 50°x5 50°x1 55°x10 | HRLN 2" HRLN | LIM-$MnO_2$ + BRX QTZ-EPI LIM-$MnO_2$ | <0.5 | | 27 | 92 | 13 | 67072 | .08 | .05 | | 1.34 | .001 | | 0.03 |
| | WK 55° | 40 | 3x1+60x7 ? 60°x5 | 1½"+HRLN 1" HRLN | QTZ-EPI + LIM-$MnO_2$ LIM-$MnO_2$ | <0.5 | | 37 | 96 | 23 | 67073 | .10 | .07 | | 1.28 | .013 | | 0.03 |
| | WK 60° | 50 | 45°x3 60x6 | ¼" HRLN | EPI LIM-$MnO_2$ | <0.5 | BLOTCHY EPI ALT + MINE PHASE TONALITE | 47 | 100 | 70 | 67074 | .05 | .02 | | .73 | <.001 | | 0.03 |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | — | — |
| LEACHABLE OX. | 59' ? | 70 |
| LIM. ZONE | 68' ? | 70 |
| SUPERGENE | — | — |

3860

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-7 Page 2 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type | GRAPHIC LOG Footage | GRAPHIC LOG 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° WK | | 60 | | 55x4<br>40x2<br>55x2<br>50x2<br>? | HRLN<br>3" EA.<br>HRLN<br>1/4"<br>1" | LIM-MnO2<br>QTZ-EPI.<br>LIM-MnO2<br>WOOLY QTZ, LIM-MAL-MnO2,<br>LIM-MnO2-YELLOW SAUSCLAY | <0.5 | | MAJOR HRLN LIM-MnO2 VEINS AT ≈ 50°<br>SHEARED ZONE. | 52 | 97% | 40 | 67075 | .23 | .18 | | 1.26 | .003 | | 0.03 |
| | 50° WK | | [illegible] | | 30°x1<br>50°-65<br>[illegible] | 1/4"<br>1/2"<br>1/8"<br>HRLN-1/2" | QTZ-(LIM)-((MnO2))<br>BRX<br>LIM-PY-MnO2<br>LIM-SAUSCLAY-MnO2-QTZ-PY-CPY | <0.5 | | [illegible] | 57 | 92 | 33 | 67076 | .09 | .04 | | 1.31 | .002 | | 0.04 |
| | 60° WK | | 90 | | 60°x1<br>?x1<br>20°x1<br>50°x2<br>50°x2 | 1/4"<br>1"<br>1/8"<br>HRLN<br>HRLN | QTZ-EPI<br>LEUCOCRETIC PHASE VEIN<br>QTZ-PY-LIM-MnO2-CPY<br>CHALCOCITE-PY-QTZ<br>PY-CHALCOCITE | <0.5 | | CHALCOCITE PRESENT! | 77 | 100 | 50 | 67077 | .09 | .02 | | 1.02 | .001 | | 0.06 |
| BLOTCHY EPI'S BECOMING MORE COMMON IN THE MILK PHASE MONZONITE | 50° WK | | 96 | | 60°x8<br>40°x1 | HRLN<br>1/8" | PY-CPY-CHALCOCITE<br>QTZ-EPI | <0.5 | | | 87 | 100 | 50 | 67078 | .08 | .02 | | 1.35 | <.001 | | 0.06 |
| | 50° WK | | 100 | | 75x1<br>60°x8<br>60°x1 | 1/2"<br>HRLN<br>3/4" | CC-PY-CPY<br>QTZ-PY-CC-((CPY))<br>QTZ-LIM-CPY | <0.5 | | MINERALIZATION OCCURS AS DISSEMINATIONS - NOT AS SOLID VEINS | 97 | 100 | 53 | 67079 | .22 | .07 | | 1.37 | .002 | | 0.05 |
| | 45° WK | | 110 | | 60°x3<br>60°x25 | 3"<br>HRLN-1/8" | QTZ-EPI-PY-(LIM)<br>QTZ-PY-CC-((CPY)) | <0.5 | | MINERALIZATION OCCURS AS DISSEMINATIONS - NOT AS SOLID VEINS | 107 | 100 | 23 | 67080 | .19 | .02 | | 1.94 | .003 | | 0.05 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-7 Page 3 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type & Int. | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 120 | | 45°x1<br>55°x12 | 1"<br>HRLN-½" | QTZ-EPI<br>PY-QTZ-CC-((CPY)) | <0.5 | LEACH CAP<br>LEACHABLE OX.<br>UNL. ZONE<br>SUPERGENE | DISSEMINATED MINERALIZATION | 117 | 100 | 43 | 67081 | .20 | .02 | | 1.21 | .003 | | 0.25 |
| | | | 130 | | 55°<br>30°x1<br>55°x2 | HRLN-½"<br>½"<br>½"-HRLN | QTZ-EPI-CPY<br>QTZ-CHL-PY<br>QTZ-CPY-PY | <0.5 | | PYRITE TRACE? CPY? | 127 | 100 | 67 | 67082 | .19 | .01 | | 1.66 | .003 | | 0.23 |
| | 60° WK | | 140 | | 60°x2<br>30°x2<br>?<br>55°x3 | ½"<br>½"<br>1"<br>½"-½" | QTZ-PY-CPY<br>QTZ-EPI-CHL<br>BRX<br>QTZ-PY-CPY | <0.5 | | BLUE FRACTURE PLANE?<br>QTZ SER ALTERATION PHASE FROM 135-143.5 | 137 | 100 | 70 | 67083 | .13 | <.01 | | 1.48 | .002 | | 0.22 |
| QUARTZ EPIDOTE ALTERATION PHASE: (141-151)<br>·QTZ-EPI<br>·SERICITE ALTERATION ALONG QTZ VEINS<br>·WK FOLIATION | 50° WK | | 150 | | 50°x1<br>55°x1<br>55°x4<br>55°x1 | HRLN<br>HRLN<br>1-HRLN<br>½" | QTZ-PY<br>PY-QTZ-CPY<br>QTZ-SER-PY<br>QTZ-PY | <0.5 | | EPIDOTE PHASE FROM 141-151 | 147 | 100 | 47 | 67084 | .08 | <.01 | | .82 | .002 | | 0.03 |
| MINE PHASE TONALITE: | 55° WK TO ND | | 160 | | 55°x1<br>60°x2<br>?<br>50°x1 | ½"<br>HRLN<br>½"<br>¼" | MAG-QTZ-CPY<br>PY-QTZ-((LIM))<br>BRX<br>QTZ-?MOL-CPY | <0.5 | | EPIDOTE ALT PHASE FROM 156-157 WHICH BLEND INTO MINE PHASE TONALITE | 157 | 99 | 43 | 67085 | .08 | <.01 | | .65 | .006 | | 0.04 |
| | 65° WK TO ND | | 170 | | 40-70°x2<br>50°x3<br>55°x1 | ¼"-⅛"<br>⅛"-HRLN<br>HRLN | QTZ-MAG-PY-CPY<br>QTZ-CPY-PY-SER<br>QTZ-PY-SER | <0.5 | | | 167 | 100 | 73 | 67086 | .10 | <.01 | | .70 | .001 | | 0.04 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-7 Page 4 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type Angle 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° WK | 130 | 55° x 1<br>55° x 3<br>50° x 1<br>55° x 2 | 1/8"<br>HEALED<br>1/8"<br>1/8" | PY-SER-CPY<br>QTZ-PY<br>MAG-QTZ-PY-CPY<br>QTZ-CPY-PY-SER-(MG) | <0.5 | | MG IS VERY THIN & COVERING THE SERICITE | 127 | 99 | 63 | 67037 | .12 | <.01 | | 1.18 | .005 | | 0.04 |
| | 60° WK | 150 | 60° x 3<br>60° x 3<br>60° x 1<br>60° x 3 | 1/8 - 1/4<br>HEALED<br>1/2"<br>HEALED | QTZ-SERICITE-CPY<br>PY-SER-CPY<br>QTZ-CHL-CPY<br>QTZ-PY-SER-CPY | <0.5 | | MG IS VERY THINE COLOURING THE SERICITE | 137 | 100 | 40 | 67038 | .33 | .01 | | 1.81 | .005 | | 0.05 |
| | 50° WK | 170 | ?<br>55° x<br>50° x 1<br>50° x 1 | 1/4'<br>HEALED<br>1/8"<br>HEALED | Brx<br>PY<br>QTZ-CPY<br>PY | <0.5 | | | 147 | 95 | 43 | 67039 | .20 | <.01 | | 1.65 | .001 | | [illegible] |
| | 5° WK | 210 | ? x 1<br>55° x 1<br>? x 4<br>? x 5 | 1/4"<br>HEALED<br>1" - 2"<br>1/2" | EPI-QTZ<br>QTZ-CHL-PY<br>EPI-QTZ<br>QTZ-CHL-PY-CPY | <0.5 | | PY-CPY ARE DISSEMINATED IN A MASSIVE FORM WITHIN THE QTZ-CHL-PY-CPY VEINS. | 207 | 100 | 50 | 67040 | .23 | <.01 | | 1.38 | .001 | | 0.05 |
| | 60° WK TO ND | 220 | ? x 2<br>60° x 2<br>45° x 1<br>50° x 1<br>? | 1/4" WITHIN 1'<br>1/2"<br>1'<br>1/2"<br>1/2" | CHL-QTZ WITHIN EPI-QTZ-((PY))<br>QTZ-CHL<br>EPI<br>QTZ-CHL<br>Brx | <0.5 | | | 217 | 99 | 67 | 67041 | .04 | <.01 | | .71 | <.001 | | 0.02 |
| | 55° WK | 230 | 60° x 1<br>60° x 2 | 1/2"<br>1/2" | QTZ-CHL-PY-CPY<br>QTZ | <0.5 | | QTZ VEIN IS VUGGY | 227 | 100 | 37 | 67042 | .07 | <.01 | | .93 | <.001 | | 0.02 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-7 Page 5 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WK 60° | 240 | ? 45°x1 30°x2 45°x1 | 1" 1/8" 1/4"-1/2" 1/4" | BRX-QTZ-CHL & SPWS CLAY-LIM STAIN. QTZ-CHL QTZ-CPY-CHL & CHP WITHIN CORE QTZ | <0.5 | | PRESENTS OF CUPRITE! | 237 | 95 | 30 | 67093 | .13 | .02 | | .73 | .004 | | 0.36 |
| | ND | 250 | ? ? ? | 1/4" 1" | BRX-SPEC-CHAN-SPWS CLAY-LIM-MnO2-CHP ON FRAC BRX-LIM-MnO2-[illegible] BRX-QTZ-LIM-PY-MAL-CUP-CH | <0.5 | | NATIVE COPPER! (SPECKS) FAULT ZONE? 245 to 260 | 247 | 90 | 22 | 67094 | .68 | .10 | | 1.34 | .009 | | 0.25 |
| | ND | 260 | 30°x2 ? ? | SPECK 1/3" 3" 2" | CUPRITE QTZ-CC-CHV-PY BRX-LIM-MnO2-MAL-PY-QTZ BRX-QTZ-CC-LIM | <0.5 | | | 257 | 90 | 10 | 67095 | .77 | .25 | | 1.84 | .008 | | 0.20 |
| WK CHL DARKENING OF THE MINE PHASE [illegible] 260-266 | ND | 270 | 40°x20 | HRLN-1/8 | QTZ-CPY-PY | <0.5 | | BACK TO FRESH MATERIAL! | 267 | 78 | 50 | 67096 | .10 | <.01 | | .81 | .001 | | 0.06 |
| | ND | 280 | 50°x1 60°x1 | 1" 9" | QTZ-CPY QTZ-CHL-SER | <0.5 | | SERIAGE TEXTURED CHL DARKENED VEIN | 277 | 100 | 73 | 67097 | .36 | <.01 | | .96 | .003 | | 0.05 |
| | ND | 290 | 45°x1 40°x5 | 1" HRLN-1/8" | QTZ-CHL-SER QTZ-PY-CHL-SER | <0.5 | | | 287 | 100 | 50 | 67098 | .03 | <.01 | | .95 | <.001 | | 0.04 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-7 Page 6 of 7

| 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 | CNSCu | ASFe | $MoS_2$ | Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 300 | 60°x3<br>60x3<br>?x1 | HRLN<br>HRLN-⅛"<br>1½" | PY-QTZ-CHL-CPY<br>PY-QTZ-CHL-CPY<br>EPI/QTZ | <0.5 | | HEM STAIN ON FRACTURES | 297 | 100 | 53 | 67099 | .02 | <.01 | | .90 | <.001 | | 0.04 |
| | ND | 310 | 55°x3<br>55°x1<br>55°x3 | ½-1"<br>1½"<br>⅛"-HRLN | QTZ-MRG-CPY-PY-[illegible]<br>QTZ-CHL-SER-PY-[illegible]<br>[illegible] | <0.5 | | WK HEM STAIN ON SOME FRACTURE SURFACES. | 307 | 100 | 65 | 67100 | .15 | <.01 | | 1.34 | .005 | | 0.10 |
| | ND | 320 | 45°x1<br>40x2<br>? | ½"<br>¼"<br>½" | QTZ-CHL-EPI-PY<br>QTZ-PY<br>BRX-HEM-CLAY | <0.5 | | | 317 | 100 | 57 | 67101 | .02 | <.01 | | 1.14 | .002 | | 0.06 |
| | ND | 330 | 45-25°<br>45°x3<br>45°x1 | ¼"-HRLN<br>¼"-HRLN<br>HRLN | QTZ-PY<br>QTZ-CPY-PY (CRACKS)<br>QTZ-PY | <0.5 | | | 327 | 100 | 50 | 67102 | .22 | <.01 | | 1.15 | .003 | | 0.08 |
| HONEYMASE TONALITE FROM 339-357 IS COARSE GRAINED AND APPEARS TO APPROACH GRANITE MOUNTAIN TROUDJHEMITE. | ND TO WK 70° | 340 | 55°x4<br>55°x1<br>40° | HRLN<br>1¾"<br>HRLN | QTZ-SER-PY<br>QTZ-CPY-CARB-MO-SER<br>QTZ-PY | <0.5 | | SPOTTED HEM STAIN ON FRAC | 337 | 100 | 43 | 67103 | .19 | <.01 | | .85 | .035 | | 0.10 |
| | ND | 350 | 40°x8 | HRLN | PY XTLS-SER-CHL | <0.5 | | ↓CHL 344.5-345.5 | 347 | 100 | 60 | 67104 | .08 | <.01 | | 1.00 | <.001 | | 0.03 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-7 Page 7 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type Rx Footage Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS Zone / Estimate / Actual: LEACH CAP; LEACHABLE BK.; UNL. ZONE; SUPERGENE | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 110 | 357 | | | [illegible] XTLS | <0.5 | REMARKS | 357 | 100 | 40 | 67105 | .09 | <.01 | | .98 | <.001 | | 0.02 |
| | | | | | EOH 357' | | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG** Hole No. 95-8 Page No. 1 of 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 51152.56 | CORE SIZE | NQ | LOGGED BY | M. Rydman |
| DATE COLLARED | April 26, 1995 | LENGTH | 257' | LONGITUDE (E) | 49565.26 | SCALE OF LOG | 1" = 10' | DATE | May 11, 1995 |
| DATE COMPLETED | April 27, 1995 | DIP | 90° | ELEVATION | 3914.10 | REMARKS | drilled on bedrock | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- QTZ-EP-(CHL) ALT'N 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 = 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 |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type & Alt'n | Footage | Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % PYRITE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu as CHAC (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 13 | | | | | | CASING TO 13' | 13 | | | | | | | | | | |
| QTZ-EP-(CHL) ALT'N PHASE (13'-27') · generally same texture as MINE PHASE TONALITE but with | ND | | 20 | | 60x3<br>60x6 | hrln x 3<br>1/16" x 5 - 1/4" | ← str lim-$MnO_2$ on fractures<br>lim-py<br>qtz-py | 0.8 | wk to mod lim-$MnO_2$ on fracture surfaces throughout interval | 17 | 90 | — | 67141 | .04 | .01 | | 1.14 | .002 | | <.03 |
| epidote occurring as stringers and infill between qtz/diag grains | ND | | 30 | | 50+40<br>60x3<br>50x2<br>50-60 | 1/4" x 2<br>1/8" x 3<br>1/16"<br>hrln-1/4" | qtz-(chl)-py-((cp))<br>← str lim-$MnO_2$ on fractures<br>qtz-chl-py<br>← str lim-$MnO_2$ on fractures<br>qtz-(chl)-py<br>numerous qtz-chl-py veins | 1.5 | | 27 | 95 | 67 | 67142 | .05 | <.01 | | 1.17 | <.001 | | .03 |
| MINE PHASE TONALITE (27'-257') · mod to str saus alt'n throughout · QTZ-EP-CHL ALT'N PHASE at 208'-218' | ND | | 40 | | 50<br>40-60 | 1/2"<br>hrln-1/16" | qtz-(chl)-py<br>numerous qtz-(chl)-py veins | 1.2 | wk to mod lim-$MnO_2$ on fracture surfaces throughout interval | 37 | 99 | 73 | 67143 | .04 | <.01 | | 1.52 | <.001 | | <.03 |
| | ND | | 50 | | 50-60 | hrln-1/4" | numerous qtz-chl-py-(cp) veins dark bluish tarnish on some of the cp grains (covellite) | 0.6 | wk lim ($MnO_2$) on most fracture surfaces throughout interval | 47 | 99 | 70 | 67144 | .19 | .01 | | 1.28 | .003 | | .12 |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | — | — |
| LEACHABLE OX. | — | — |
| LIM. ZONE | 130' | 130 |
| SUPERGENE | 110'? | 110 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-8 Page 2 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Angle, 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 60 | 40-50 | 1/16"-1/4 | numerous qtz-chl-py-cc-cp veins throughout interval | 1.2 | lim ($MnO_2$) on most fractures throughout interval | 57 | 98 | 57 | 67145 | .52 | .03 | | 1.45 | .011 | | .42 |
| | NP | 70 | 40-50 | 1/16"-1/2 | ← small blebs cue + chry<br>← str lim<br>numerous qtz-chl-py-cc-cp + covellite coating some of cp crystals | 0.6 | lim-$MnO_2$ on fractures throughout interval | 67 | 98 | 57 | 67146 | .63 | .05 | | 1.60 | .022 | | .38 |
| | ND | 80 | 10x2<br>10<br>30x3 | 1/4"x2<br>1/2"<br>[illegible] | qtz-chl-(cp w/covellite tarnish)<br>qtz-chl-cp w/covellite tarnish<br>qtz-chl-py | <0.5 | ↑ | 77 | 98 | 37 | 67147 | .83 | .06 | | 1.70 | .006 | | .40 |
| | ND | 90 | 10<br>40<br>?<br>40 | 1/2"<br>1/16"<br>2'<br>1/2" | qtz-chl-lim<br>qtz-chl-cp-(covellite)<br>brx → lim-(mal)<br>qtz-chl-(hem) | <0.5 | lim-$MnO_2$ on fractures<br>↓ | 87 | 85 | 47 | 67148 | .12 | .07 | | 1.67 | .002 | | .08 |
| | ND | 100 | 30x4<br>30x2<br>30-40 | 1/16"x4<br>1/2"+1/4"<br>1/16"-1/4" | qtz-chl-py<br>chl-qtz-lim-(py)<br>numerous qtz-chl-py-(cc) veins | 0.5 | ← lim on fractures<br>← lim on fractures | 97 | 95 | 50 | 67149 | .22 | .05 | | 1.81 | .006 | | .10 |
| | ND | 110 | 30x2<br>40<br>60x2 | 1/4"x2<br>1/4"<br>1/8"x2 | qtz-chl-lim-py } several<br>qtz-chl-lim-py } hair py veins<br>qtz-(chl)-(lim)-(py)-((cp)) | <0.5 | ← lim on fractures<br>← black tarnish on cp | 107 | 98 | 70 | 67150 | .24 | .06 | | 1.95 | .002 | | .06 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type Alt. Footage | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE GEL, LIM. ZONE, SUPERGENE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 120 | ? 50 50×3 | 4" ⅓ 1/10"×3 | brx → lim - MnO2 - (qg) qtz-chl-(ser)-(cp) qtz-chl-(ser)-(cp) | <0.5 | | str lim stain | 117 | 75 | 17 | 67151 | .19 | .11 | | 1.38 | .003 | | .07 |
| | ND | 130 | ? 40-50°×5 (?)-50×15 | 7" (1/10-1/4")×15 (1/10-1/4")×15 | brx → lim - (qg) qtz-ser-chl-mag-cp-py qtz-ser-chl-cp-py-(Mo) | 0.5 | | ← lim stain | 127 | 90 | 50 | 67152 | .42 | .03 | | 1.10 | .007 | | .38 |
| | ND | 150 | 50 40-50 | 1/4" 1/10-1/4" | qtz-ser-(chl)-cp-(Mo) qtz-chl-(ser)-cp-py-(Mo) | 0.7 | | | 137 | 99 | 73 | 67153 | .13 | <.01 | | .88 | .002 | | .42 |
| | ND | 150 | 50×6 50×2 30 40+50 | 1/4"×6 1/4"-1/8" 1/3" 1/10"×2 | qtz-chl-(ser)-py qtz-chl-cp qtz-(chl)-cp qtz-chl-py | 0.5 | | | 147 | 95 | 43 | 67154 | .09 | <.01 | | 1.37 | .001 | | .08 |
| | ND | 160 | 50-60 | 1/10"-1/2" | numerous qtz-ser-(chl)-py-(cp) veins throughout interval | 1.5 | | | 157 | 95 | 63 | 67155 | .04 | <.01 | | 1.99 | .003 | | .10 |
| | ND | 170 | 60×3+40×3 60×2 (40-60)×12 40 60 | 1/10"×6 3/4"×2 1/10"×12 3/4" 1" | qtz-chl-py qtz-ser-py-cp qtz-chl-py qtz-chl-py cp-qtz | 1.0 | | | 167 | 95 | 60 | 67156 | .07 | <.01 | | 1.12 | .002 | | .06 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1' of LEUCOCRATIC PHASE w/ w/ ep | ND | | 180 | | 40<br>60<br>40<br>60+40×2 | 3/4"<br>1/8"<br>1/8"<br>1/8"×3 | qtz-chl-(py)<br>qtz-chl-py<br>qtz-chl-py<br>qtz-chl-py | 0.6 | | 177 | 95 | 63 | 67157 | .02 | <.01 | | .83 | <.001 | | .03 |
| | ND | | 190 | | 30<br>50<br>40 | 1"<br>1/2"<br>1/8" | ep-(qtz) w/ hem on vein<br>qtz-ep-((py))<br>qtz-chl-py | <0.5 | | 187 | 98 | 87 | 67158 | .01 | <.01 | | .77 | <.001 | | <.03 |
| | ND | | 200 | | ?<br>60×2 | 6'<br>1/8×2 | brx→(hem)-(qg)<br>py | <0.5 | | 197 | 80 | 33 | 67159 | .01 | <.01 | | .95 | <.001 | | <.03 |
| | ND | | 210 | | 50<br>30<br>30 | 1/2"<br>1/10"<br>1/10" | qtz-py-cp<br>hem on fracture<br>py | <0.5 | | 207 | 98 | 70 | 67160 | .02 | <.01 | | .88 | <.001 | | <.03 |
| QUARTZ EPIDOTE CHLORITE ALTERATION PHASE (208'-218')<br>• ep occurs as infilling, veins, or stringers | ND | | 220 | | 0-20<br>30<br>40+60+40 | 1/4"<br>1/4"<br>1/8"+1/4"+1" | qtz-py<br>qtz-py<br>qtz-py | 1.0 | | 217 | 98 | 53 | 67161 | .02 | <.01 | | 1.67 | <.001 | | <.03 |
| | ND | | 230 | | 40-60<br>70×2 | 1/10"-1/8"<br>1/10"×2 | several qtz-chl-py veins<br>chl-qtz-py | 0.8 | | 227 | 95 | 73 | 67162 | .03 | <.01 | | 1.07 | <.001 | | <.03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-8 Page 5 of 5

| 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: LEACH CAP, LEACHABLE OX., LIM. 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 | | 246 | | 65<br>40<br>50<br>[illegible]<br>62 | 1"<br>1"<br>1/8"<br>1/8"<br>[illegible] | qtz-ser-(ep)-py<br>ep-(qtz)-py<br>qtz<br>qtz-orange carb<br>qtz-(ep)-py | 0.6 | | | 237 | 95 | 63 | 67163 | .02 | <.01 | | 1.14 | <.001 | | <.03 |
| | ND | | 250 | | [illegible]<br>60 | [illegible]<br>[illegible] | [illegible] qtz-ser-(py)-(ep)<br>LEUCOCRATIC PHASE | 0.5 | | | 247 | 95 | 63 | 67164 | .04 | <.01 | | .82 | <.001 | | .03 |
| | ND | | 257 | | | | | <0.5 | wk hem stain | | 257 | 99 | — | 67165 | .01 | <.01 | | .62 | <.001 | | <.03 |
| | | | | | | | | | E.O.H. 257' | | | | | | | | | | | | |
| | | | | | | | | | Murray Rydman | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 51 305.78 | CORE SIZE | NQ |
| LOGGED BY | ANDREW STEWART | | | | | | |
| DATE COLLARED | April 27, 1995 | LENGTH | 507 | LONGITUDE (E) | 49 245.91 | SCALE OF LOG | 1"=10' |
| DATE | 23/05/95 | | | | | | |
| DATE COMPLETED | April 28, 1995 | DIP | -90° | ELEVATION | 3879.905 | REMARKS | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE (M.F.T)
- QUARTZ EPIDOTE ALTERATION PHASE
- ↓CHL LEUCOCRATIC MINE PHASE TONALITE
- CHL DARKENED MINE PHASE TONALITE
- QTZ CARB SER ALT PHASE

**MISCELLANEOUS SYMBOLS and ABBREVIATIONS**

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| altn = alteration | ep = 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 |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Altn | Footage | Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % PYRITE | BOTTOM DEPTHS Zone / Estimate / Actual | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | LEACH CAP — / — | CASING TO 13' | | | | | | | | | | | |
| MINE PHASE TONALITE: (13-88.5) PLAG + QTZ + CHL SAUSSURITE ALTERATION WK FOLIATION | 60° WK | 20 | | 70° x 1<br>30° x 1 | ½"<br>HRLN | QTZ-LIM<br>CHL-LIM | <0.5 | LEACHABLE OX. — / — | | 17 | 98 | 10 | 67381 | .02 | .01 | | 1.67 | .001 | | 0.03 |
| WEPIDOTE BLOTCHES | 60° WK | 30 | | (30-40) x 7<br>50° x 1 | HRLN-½"<br>⅛" | QTZ-LIM-PY<br>QTZ-PY-LIM | <0.5 | LIM. ZONE 49? / 50 | | 27 | 100 | 70 | 67382 | .05 | .01 | | 1.56 | .002 | | 0.02 |
| | 55° WK | 40 | | 50 x 1<br>60° x 2<br>35 x 1<br>20 x 1<br>40° x 1 | ½"<br>⅛"<br>½"<br>HRLN<br>2" | CHL-QTZ<br>QTZ-↓LIM STAIN<br>QTZ-↓LIM STAIN<br>QTZ-LIM<br>QTZ-PY-((MO))-((CPY)) | <0.5 | SUPERGENE — / — | MOLYBDENITE!!! | 37 | 100 | 43 | 67383 | .07 | .01 | | 2.13 | .001 | | 0.09 |
| | 60° WK | 50 | | 50 x 2<br>?<br>45° x 1<br>50° x 2 | ⅛"<br>1"<br>½"<br>⅛" | QTZ-PY-LIM<br>BRX-LIM-((CC))<br>69? QTZ-CHL<br>QTZ-CHL-PY | <0.5 | | CHALCOCITE!!! | 47 | 97 | 33 | 67384 | .04 | .01 | | 2.05 | .001 | | 0.06 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HEMATITE STAIN & ↑ DESTROYED PLAG (59.5-61.5) | 60 WK | 60 | 30°-?x5<br>60°x1 | HRLN-1/16"<br>1/8" | QTZ-PY-EPI<br>PY-QTZ | <0.5 | CORE IS LESS COMPETENT OR PITTED 59.5-61.5 | 57 | 98 | 60 | 67335 | .08 | .01 | | 1.26 | .001 | | 0.04 |
| | 55° WK | 70 | 30°x2<br>30°x1 | 1/4"<br>1" | QTZ-PY-(CPY?)<br>PY-QTZ-LIM-SER | 1.0 | | 67 | 100 | 50 | 67336 | .07 | .01 | | 3.03 | .009 | | 0.05 |
| | 60° WK | 80 | 40°x2<br>45°x2<br>75°x2 | 1/16"-1/8"<br>HRLN<br>1/8-1/4" | QTZ-PY-CHL-(LIM)<br>QTZ-PY<br>QTZ-CHL | <0.5 | | 77 | 97 | 50 | 67387 | .04 | .01 | | 1.66 | .001 | | 0.03 |
| ↓ CHL LEUCOCRATIC MINE PHASE TONALITE (88.5-110) | 60° WK | 90 | 30-40°x4<br>75°x1<br>55-45°x3 | 1/8-HRLN<br>1/4"<br>HRLN | QTZ-PY<br>QTZ-EPI<br>QTZ-PY | <0.5 | | 87 | 97 | 73 | 67388 | .06 | .01 | | 1.89 | .002 | | 0.03 |
| THIS PORTION OF THE CORE IS ↓ IN CHL; COMPOSED MAINLY OF PLAG (FINE GRAINED AND PHENOCRYSTS), AND QTZ. WEAKLY FOLIATED | | 100 | 40°x3<br>60°x2<br>30°x1 | HRLN<br>HRLN<br>HRLN | SER-PY<br>SER-PY-CPY<br>SER-PY | <0.5 | | 97 | 97 | 60 | 67389 | .07 | <.01 | | 1.06 | .002 | | 0.04 |
| | | 110 | 35°x1<br>50°x1<br>?x1<br>?x1 | 3 1/4"<br>1/8"<br>3"<br>1" | QTZ-SER-LIM<br>QTZ-PY-CPY<br>BRX<br>QTZ-CHL-CPY | <0.5 | SOME VUGS. | 107 | 98 | 57 | 67390 | .13 | .03 | | 1.18 | .001 | | 0.06 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-9 Page 3 of 9

| ROCK TYPES and ALTERATION | FOLIATION 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) | 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: (110-391') PLAG + QTZ + CHL SAUSSURITE ALT WK FOL TO ND TOL TYPICAL | 60 WK TO ND | 120 | ?×1<br>20-35×2 | 1" ALONG CORE<br>1/8" | QTZ-PY-CPY<br>SER-PY-QTZ | <0.5 | LEACH CAP / LEACHABLE OX. / LIM. ZONE / SUPERGENE | 1 CHL INS MFT. ALONG QTZ VEIN<br>PROBABLY TOS? | 117 | 100 | 80 | 67391 | .18 | .01 | | 2.39 | .020 | | 0.06 |
| | 60 WK TO ND | 130 | 50×1<br>50×11 | 1/4"<br>1/12" | QTZ-CHL-CPY-(EPI)<br>QTZ-PY-SER | <0.5 | | | 127 | 100 | 80 | 67392 | .08 | <.01 | | 2.64 | .002 | | 0.05 |
| | ND | 140 | 50×2<br>50×1<br>?×1 | 1/8"<br>1/8"<br>2" | QTZ-PY-SER<br>QTZ-CPY-PY-SER<br>BRX-QTZ<br>QTZ-PY-SER | <0.5 | | | 137 | 100 | 23 | 67393 | .21 | .01 | | 2.69 | .002 | | 0.05 |
| | ? TO ND | 150 | ?×1<br>45×1 | 1" ALONG CORE<br>1/10" | QTZ-PY-?MO; BRX 142-142.5 & 143-143.5<br>QTZ-SER-PY | <0.5 | | ↑MOLYBDENITE COLORING THE QTZ VEIN | 147 | 90 | 30 | 67394 | .36 | .01 | | 1.88 | .039 | | 0.05 |
| | ND | 160 | 20×1<br>?×1<br>30×2<br>15×1<br>? | 1"<br>1/2'<br>1/10"<br>1/10"<br>1" | QTZ-PY-CPY<br>BRX-SOME GOUGE<br>QTZ-PY-SER<br>QTZ-PY-SER<br>BRX-GOUGE | <0.5 | | POSS FAULT! | 157 | 100 | 37 | 67395 | .35 | .02 | | 2.17 | .007 | | 0.08 |
| | ND | 170 | ?<br>{ | 2'<br>1/2" | BRX-SOME CLAY-SER<br>QTZ-PY-SER | <0.5 | | PLAG IS REDUCE TO SOME CLAY MAKING THE ROCK BRITTLE (160.25-160.75') | 167 | 95 | 23 | 67396 | .07 | .01 | | 1.72 | .001 | | 0.05 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-9 Page 4 of 9

| 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., UM. ZONE, SUPERGENE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 180 | ? ?-35°x5 | 4" 1/8-1/2" | BRX-SR-CLAY QTZ-PY-SER | <0.5 | | | 197 | 96 | 53 | 67397 | .07 | .01 | | 4.82 | .004 | | 0.03 |
| | ND | 190 | 60°x1 40°x1 55°x1 [illegible] | 1/4" 1/8" 1/2" 1/4" | QTZ-EPI-CHL QTZ-PY-CHL QTZ-CHL-EPI,(VUGGY) QTZ-EPI | <0.5 | | | 197 | 100 | 100 | 67398 | .03 | .01 | | .87 | .001 | | 0.03 |
| | ND | 200 | 55°x1 20-30x2 30°x2 | 1/4" 1/10" | QTZ-EPI QTZ-PY-SER QTZ-SER-PY | <0.5 | | | 197 | 100 | 80 | 67399 | .04 | <.01 | | .82 | .001 | | 0.03 |
| | ND | 210 | 30°x7 20°x1 20°x1 | HRLN 1 3/4" HRLN | QTZ-PY QTZ-PY-MO QTZ-PY | <0.5 | | QTZ-SER ALT TO BOTH SIDES OF TRG VEIN. | 207 | 100 | 90 | 67400 | .05 | .01 | | 1.41 | .003 | | 0.04 |
| | ND | 220 | 40°x1 20°x2 30°x2 | 1/10" 1/8" 1/10" | QTZ-PY-SER-((LIM)) PY-QTZ-SER-((LIM)) QTZ-SER-PY-CHL | <0.5 | | WEAK LIMONITE VISIBLE ALONG SOME VEINS & FRAC (210-242) | 217 | 100 | 87 | 67401 | .07 | .01 | | 1.62 | <.001 | | 0.03 |
| | ND | 230 | 40°x8 25°x1 20°x2 50°x1 20°x2 | HRLN 1/8" 1/10"-HRLN 1/2" HRLN | QTZ-SER-PY QTZ-PY-SER-?CC QTZ-SER-PY-LIM. QTZ-EPI PY-SER | <0.5 | | ?CHALCOCITE-GRAY/HARD COATING? TO PY | 227 | 100 | 73 | 67402 | .06 | .01 | | 2.16 | .002 | | 0.08? |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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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 | $MoS_2$ | Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 240 | 30°x9<br>40°x2<br>30°x1 | (HRW)-1/10"<br>1/10"<br>2" | QTZ-SER-PY-CHL<br>QTZ-PY-SER<br>QTZ-PY-(CC?) | <0.5 | HEM STAIN IN M.F.T 237-239.5 | 237 | 100 | 40 | 67403 | .09 | .01 | | 2.34 | .003 | | 0.10 |
| | ND | 250 | 40°x5<br>40-45°x4<br>50°x1 | 1/10"<br>1/10"-1/4"<br>1/4" | QTZ-PY-SER-(CHL)<br>QTZ-SER-CHL w/ AREAS OF HEM STAIN MAKING THE CHL RED BROWN<br>PY-QTZ-SER | <0.5 | ↓CHL & ↓ PLAG PHENO M.F.T (246-249) (SOME QTZ) | 247 | 100 | 57 | 67404 | .05 | .01 | | 1.72 | <.001 | | 0.05 |
| | ND | 260 | 55°x7<br>40°x1<br>55°x1 | 1/10"<br>1 1/4"<br>3" | QTZ-PY-SER<br>QTZ-SER-PY<br>QTZ-PY-CHL/LIM-(CC?) | <0.5 | | 257 | 100 | 47 | 67405 | .05 | .01 | | 2.56 | <.001 | | 0.05 |
| | ND | 270 | ?x? | 2" | BOX W/ SAUS CLAY. | <0.5 | ↑HEM STAIN, ↓PLAG PHENO M.F.T WHERE THE CHL IS LINEAR AT ≈50° INSTEAD % IN SCATTERED BLEBS. (260-266.5) | 277 | 92 | 40 | 67406 | .04 | .01 | | 1.42 | <.001 | | 0.03 |
| | ND | 280 | 70°x1<br>"<br>?x3 | 1/4"<br>6"<br>1"-3" | QTZ-CPY<br>BOX-ALNG GREEN SER ON FRAC<br>QTZ-CHL-SER (VUGGY) | <0.5 | HEMSTAIN & ↑SAUS ALT (271-280) | 287 | 100 | 37 | 67407 | .26 | .02 | | 1.15 | .001 | | 0.03 |
| | ND | 290 | 60°x2<br>60°x1 | 1/4"<br>3 1/2" | QTZ-CHL<br>QTZ-CHL (SOME QTZ IS CLEAR) | <0.5 | | 297 | 95 | 47 | 67408 | .05 | .01 | | 1.38 | <.001 | | 0.03 |

BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | | |
| LEACHABLE OX. | | |
| UNL. ZONE | | |
| SUPERGENE | | |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-9 Page 6 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 | CNSCu | ASFe | $MoS_2$ | Ag | EST. TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 45°x2 | 1/2" | VUGGY SILICA GREEN EPIDOTE | | HEM STAIN 290.75 - 294 | | | | | | | | | | | |
| QTZ CARB SER ALT. PHASE: QTZ-SER-CARB (290.5-297) FAULT 297-308.5 | ? | 300 | ?x1 | 1" | QTZ-CHL-HEM-CARB | <0.5 | EPI ALT 293.75-294<br>CARB THROUGHOUT BRX | 307 | 50 | 30 | 67409 | .03 | .01 | | 2.33 | <.001 | | 0.04 |
| | ND | 310 | ? | 11.5' | BRX-GAUGE-CARB-PY | <0.5 | HEM STAIN 304-315 | 317 | 75 | 10 | 67410 | .04 | .01 | | 1.48 | <.001 | | 0.03 |
| PART OF THE SAME FAULT? | 50° WK | 320 | 40°x1<br>40°x1<br>?<br>? | 1/4"<br>3/4"<br>5'<br>1" | QTZ-PY-SER<br>QTZ-PY-SER<br>BRX<br>BRX | <0.5 | | 327 | 100 | 13 | 67411 | .07 | <.01 | | 2.14 | .001 | | 0.03 |
| | ND TO 55° WK | 330 | 50°x1<br>40°x1<br>40°x2 | 1/4"<br>1 1/2 - 1/4"<br>HRLN | QTZ-SER-PY-CHL<br>QTZ-EPI-((PY))<br>QTZ-CHL-PY | <0.5 | HEM STAIN 328.5-329 | 337 | 100 | 53 | 67412 | .03 | <.01 | | 1.51 | .001 | | 0.03 |
| | ND | 340 | ?<br>? | 1/4"<br>HRLN<br>3" | BRX<br>QTZ-PY-CHL<br>BRX | <0.5 | SOME EPI ALT 335.5-336 | 347 | 100 | 37 | 67413 | .08 | <.01 | | 1.78 | <.001 | | 0.02 |
| QUARTZ EPIDOTE ALTERATION PHASE: COMES & GOES FROM 345-360. | ND | 350 | ?x1<br>50°x1 | 1"<br>1/2" | QTZ-CARB<br>QTZ-CARB | <0.5 | | 357 | 99 | 60 | 67414 | .03 | <.01 | | .97 | .001 | | 0.02 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-9 Page 7 of 9

| ROCK TYPES and ALTERATION | FOLIATION 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 OX.; UM. ZONE; SUPERGENE — REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED VOL. % GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND TO ? | 360 | | 35 x 1<br>50' x 1<br>55' x 1 | 1/10"<br>HRLN<br>1/5" | QTZ-CARB<br>QTZ-PY-SER-CHL<br>QTZ-CPY-SER-PY | <0.5 | CORE IS ↓ IN PLAG PHENOS (356 - 365)<br>CHALCOPYRITE! | 357 | 99 | 47 | 67415 | .07 | <.01 | | 1.12 | .001 | | 0.03 |
| | ND TO ? | 370 | | 70' x 2<br>60-80' x 3 | 1/2"<br>HRLN | QTZ-PY-CPY-SER<br>PY-SER-QTZ | <0.5 | ↓PLAG 369.5-371.5; 372-372.5 | 367 | 98 | 57 | 67416 | .16 | <.01 | | 1.94 | <.001 | | 0.05 |
| | ND TO ? | 380 | | 70' x 1<br>60'-? x 2<br>60' x 1<br>60' x 1 | 1/4"<br>1/4"<br>1"<br>1/4" | CPY-QTZ-PY<br>QTZ-PY-SER<br>QTZ-CPY<br>QTZ-CARB-PY | <0.5 | | 377 | 100 | 37 | 67417 | .23 | <.01 | | 1.85 | .001 | | 0.07 |
| | ND TO ? | 390 | | 50' x 6<br>50 x 1<br>? x 1 | 1/10"<br>1"<br>1/8" | QTZ-PY-SER-((CPY))<br>QTZ-CPY<br>QTZ-PY-SER | <0.5 | HEM STAIN 388-390 | 387 | 99 | 47 | 67413 | .04 | <.01 | | 1.60 | .001 | | 0.04 |
| CHANGE IN M.F.T. (391-407)<br>↓ PLAG & NO PLAG PHENOS<br>SOME CARB PRESENT THROUGH OUT CORE<br>CHL. IS DEFORMED<br>↑SER IN AREAS | ? | 400 | | 70' x 1<br>? x 1 | 1"<br>1/8" | CHL-QTZ-SER-CARB<br>QTZ-CARB-SER | <0.5 | | 397 | 99 | 27 | 67419 | .05 | <.01 | | .83 | .001 | | 0.03 |
| CHLORITE DARKENED MINE PHASE TONALITE<br>(ONE QTZ & PLAG & PLAG PHENOS: 640?-40) | ? | 40 | | 60' x 1 | HRLN | QTZ-PY | <0.5 | | 407 | 100 | 13 | 67420 | .09 | <.01 | | 1.41 | .001 | | 0.03 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | FOLIATION 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 OX., LIM. ZONE, SUPERGENE) REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° WK | 420 | 1 x 1<br>350 x 2<br>60 x 1<br>60 x 1 | 1/8"<br>HRLN<br>1/4"<br>1/2" | QTZ-CARB<br>PY-QTZ-SER-CHL<br>QTZ-PY-(CPY)-(MO)<br>QTZ-PY-CPY-SER | <0.5 | | 417 | 97 | 40 | 67421 | .12 | <.01 | | 1.22 | .001 | | 0.07 |
| | 60° WK | 430 | 50 x 5<br>40 x 1 | HRLN-1/16"<br>1/4" | PY-QTZ-SER-CARB<br>QTZ-(PY)-(CPY) | <0.5 | ↑ CARB IN CORE 427-429 | 427 | 98 | 57 | 67422 | .06 | <.01 | | 1.23 | <.001 | | 0.05 |
| MINE PHASE TONALITE (430-507)<br>PLAG-QTZ-CHL<br>TYPICAL (SAUS ALT. PLAG PHENO.; BIOTITE CHL) | ND | 440 | 45 x 1<br>60 x 1 | 1"<br>1/3" | QTZ-EPI-CARB<br>QTZ-PY-SER | <0.5 | | 437 | 98 | 47 | 67423 | .15 | <.01 | | 1.32 | <.001 | | 0.03 |
| | ND | 450 | 60 x 10<br>50 x 2 | HRLN-3/4"<br>3/4" | PY-QTZ<br>QTZ-CHL-CARB | <0.5 | | 447 | 99 | 63 | 67424 | .10 | <.01 | | 2.31 | .001 | | 0.03 |
| | ND | 460 | 60 x 2<br>60 x 1 | 1 1/2-2 1/4"<br>1/16" | QTZ-CHL-EPI<br>QTZ-PY-SER | <0.5 | | 457 | 99 | 43 | 67425 | .05 | <.01 | | 1.14 | <.001 | | 0.03 |
| | ND TO 60° WK | 470 | 60 x 6<br>50 x 1 | HRLN-1/3"<br>2" | QTZ-PY-SER<br>QTZ-PY-SER-(MO?) | <0.5 | | 467 | 100 | 80 | 67426 | .09 | <.01 | | 2.04 | .003 | | 0.04 |

/home/gbl/rylmon/sqlplus/log_sheet.dbg

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-9 Page 9 of 9

| ROCK TYPES and ALTERATION | FOLIATION 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 OX., LIM. 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 60° WK | | 480 | | 60 x 4<br>?≈90° x2 | HRLN<br>1" | SER-PY-QTZ-((CPY))<br>QTZ-EPI | <0.5 | | ↓PLUG 469.5-471, 475-477, 479.481 (NO PHOTO'S) | 477 | 98 | 33 | 67427 | .13 | <.01 | | 1.81 | .001 | | 0.04 |
| | 60° WK | | 490 | | 45 x 1<br>30 x 4 | 2"<br>HRLN 1/16" | QTZ-EPI-SER<br>QTZ-SER-PY-((CPY)) | <0.5 | | ↓PLUG 489-492 | 487 | 96 | 40 | 67428 | .14 | <.01 | | 1.95 | .001 | | 0.05 |
| | 60° WK | | 500 | | 50 x 2 | HRLN | QTZ-PY-SER | <0.5 | | | 497 | 94 | 63 | 67429 | .08 | <.01 | | 1.47 | <.001 | | 0.03 |
| | ND | | 507 | | 50 x 3<br>50-60 x2 | HRLN<br>1/4" | QTZ-PY-SER<br>QTZ-PLUG | <0.5 | | | 507 | 99 | 40 | 67430 | .08 | <.01 | | 1.14 | .001 | | 0.03 |
| | | | | | | | EOH<br>507' | | | | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG** Hole No. 95-10 Page No. 1 of 7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 50 946.65 | CORE SIZE | NQ | LOGGED BY | ANDREW STEWART |
| DATE COLLARED | April 28, 1995 | LENGTH | 357 FEET | LONGITUDE (E) | 49 761.00 | SCALE OF LOG | 1" = 10' | DATE | 10/05/95 (DD/MM/YY) |
| DATE COMPLETED | April 28, 1995 | DIP | -90° | ELEVATION | 3937.13 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- QTZ-EPI 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 | 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 |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG: Rx Type & Alta | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | LEACH CAP - / — | CASING TO 13' | | | | | | | | | | | |
| MINE PHASE TONALITE: TYPICAL PLAG-QTZ-CHL-EPI WK FOLIATION | 50° mod/wk TO wk | | 20 | | 15° / 45° | HRLN / 4/10" | LIM-$MnO_2$ / QTZ-LIM-CHL | <0.5 | LEACHABLE OX. 97 / 100; LIM. ZONE 13'-33' / 130; SUPERGENE - / 140 | LIMONITE STAINING 13 ↑ OVER 20% OF THE CORE (13-20) | 17 | 90 | 55 | 67171 | .28 | .16 | | 1.38 | .005 | | 0.08 |
| | 45° wk | | 30 | | 45°x3 / 80°x1 / 30°-45°x4 | HRLN / 4/10" / HRLN-1/5" | LIM-$MnO_2$-CLAY-(MAL)-((CHR?)) / QTZ-EPI-LIM-$MnO_2$-(MAL)-(CHR) / QTZ-LIM-$MnO_2$ | <0.5 | | LIM STAIN ↑ OVER 15% OF CORE (20-30) / ND UNIT 28.5-29.56 DEAD QTZ VEINS-↓ $MnO_2$ & HEM STAIN | 27 | 98 | 47 | 67172 | .22 | .15 | | .98 | .003 | | 0.15 |
| | 50° wk | | 40 | | 50° / 45 / 50° / 4x50° | HRLN / 1/2" - 3/4" / 1/10" / HRLN | QTZ-LIM-GREEN CLAY-$MnO_2$ / QTZ-$MnO_2$-LIM / QTZ-LIM-$MnO_2$-MAL / LIM-$MnO_2$ | <0.5 | | LIM STAIN ↑ OVER 5% OF THE CORE (30-40) | 37 | 99 | 50 | 67173 | .22 | .18 | | 1.14 | .003 | | 0.15 |
| QTZ-EPI ALT: (45-48) MINE PHASE TONALITE: | 50° wk | | 50 | | ? / ? | 4" - 1" / 4" 2" | QTZ-EPI-(LIM)-($MnO_2$) / BRX-LIM-$MnO_2$-MAL / QTZ-CHL-((LIM)) | <0.5 | | CARROT COLORED IRON STAINING WITHIN THE RAG ON BOTH SIDES OF THE 4" QTZ-EPI-(LIM)-($MnO_2$) VEIN (MAKE RAG LOOK LIKE MSPHR), DIFFER FROM THE TYPICAL LIM STAINING. | 47 | 96 | 43 | 67174 | .11 | .06 | | 1.03 | .003 | | 0.13 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG** Hole No. 95-10 Page 2 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Qtz Type Alt. Footage Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % 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 | CNSCu | ASFe | $MoS_2$ | Ag (oz/ton) | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 5° WK | 60 | 45° x3<br>45° x1<br>?° x10<br>?° x1<br>45° x1 | HRLN<br>1/8"<br>HRLN<br>4"<br>HRLN | LIM-PY-SL<br>QTZ-PY-CPY-LIM-MnO2<br>QTZ-LIM-MnO2<br>QTZ-LIM-MnO2 [EPI VEINS IN VUGS]<br>MnO2-LIM | <0.5 | | ~20% DARK GREEN COLORED STRINGING WITHIN PURG TO EITHER SIDE OF EPI VEIN | 57 | 100 | 66 | 67175 | .12 | .04 | | 1.38 | .003 | | 0.25 |
| | 45° WK | 70 | 45° x6<br>?° x1<br>45° x2 | HRLN<br>HRLN<br>HRLN | LIM-MnO2-PY<br>HRL-LIM-MnO2<br>LIM-MnO2 | <0.5 | | CHLORITE DARKENING FROM 65-66 TO THE TYPICAL MINE DIORITE TONALITE | 67 | 100 | 60 | 67176 | .30 | .10 | | 2.37 | .009 | | 0.32 |
| | 50° WK | 80 | 45° x8<br>50° x1<br>?° x1<br>?° x1<br>?° x1 | HRLN-1/3"<br>1/2"<br>1/3"<br>1"<br>4" | LIM-MnO2<br>QTZ-EPI<br>QTZ-MnO2-LIM-HRL<br>QTZ-EPI<br>QTZ-CHR-HRL-LIM-MnO2 | <0.5 | | CHLORITE DARKENING FROM 69-71, 74-75, 76-77 TO THE TYPICAL MINE PHASE TONALITE<br>LIM-MnO2-HRL ON FRAC SURFACES<br>↑CHR & HRL !!! | 77 | 100 | 47 | 67177 | .62 | .56 | | 1.37 | .004 | | 0.50 |
| | 50° WK | 90 | ?° x1<br>55° x1<br>50° x5 | 1 3/4"<br>2"<br>HRLN | QTZ-EPI<br>QTZ-CHL<br>LIM-MnO2-PY | <0.5 | | QTZ-EPI VEIN FROM 79.75-80.5<br>SER ALT ON EITHER SIDE OF VEIN | 87 | 100 | 37 | 67178 | .20 | .12 | | 1.40 | .002 | | 0.18 |
| | 45° WK | 100 | 50° x1<br>45° x1<br>?° x1<br>45° x1<br>50° x1<br>?-45° x3 | HRLN<br>2"<br>1"<br>1/8"<br>1/3"<br>1/3"-HRLN | LIM-MnO2<br>QTZ-EPI-LIM-MnO2-HRL (CHSTRINGING)<br>BTX-QTZ-MnO2-LIM-HRL-CHRY<br>CHRY-(LIM)-((MnO2))<br>LIM-QTZ-MnO2-HRL-CHRY<br>QTZ-LIM-MnO2 | <0.5 | | MnO2-LIM-HRL ON ALL FRAC FROM 91-97 | 97 | 92 | 27 | 67179 | .78 | .76 | | 1.70 | .008 | | 0.45 |
| | 50° WK | 110 | 40° x2<br>40° x2<br>50° x3 | 1/8-HRLN<br>2 3/4"-1/3"<br>1/8" | QTZ-CHL-LIM-MnO2-((PY))<br>QTZ-MnO2-LIM<br>QTZ-CPY-EPI | <0.5 | | ↑HEM STAINING THROUGHOUT CORE FROM 102-111<br>↓CHL FROM 102-127 | 107 | 100 | 40 | 67180 | .44 | .06 | | 1.02 | .013 | | 0.20 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-10 Page 3 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Qz Type / Alin / Qz 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50° WK | 120 | 50×6<br>35×2<br>55×1 | 1/8" HRLN<br>HRLN<br>HRLN | QTZ-CPY-LIM-MO<br>QTZ-MO-CPY<br>QTZ-CPY-PY | <0.5 | | 117 | 100 | 73 | 67181 | .28 | .01 | | .44 | .012 | | 0.19 |
| | 45° WK | 130 | 55×1<br>45×1<br>45×2 | HRLN<br>1/8"<br>1/8" | QTZ-MO-CPY-PY<br>QTZ-MAG-CPY<br>QTZ-CPY-MAG | <0.5 | | 127 | 100 | 60 | 67182 | .12 | <.01 | | .39 | .004 | | 0.15 |
| | 50° WK | 140 | 45×1<br>45×1<br>45×2<br>45×1<br>45×4 | 1/8"<br>1/8"<br>1/8"<br>HRLN<br>HRLN-1/8" | CPY-QTZ<br>QTZ-BLACK TRANSLUCENT CC-CPY-SER<br>QTZ-CPY-PY<br>SER-PY-MO-PY<br>QTZ-PY-CPY-CC | <0.5 | HEM STAIN 135.5-147 | 137 | 100 | 33 | 67183 | .30 | <.01 | | .63 | .011 | | 0.25 |
| | 50° WK | 150 | 45×2<br>30×1<br>45×1 | HRLN<br>1/8"<br>HRLN | QTZ-CHL-CPY<br>QTZ-CHL<br>CPY-QTZ | <0.5 | LIM STAIN 147 | 147 | 100 | 30 | 67184 | .17 | <.01 | | .51 | .007 | | 0.09 |
| | 45° WK | 160 | 50×2<br>45×1<br>50×3 | HRLN<br>1/8"<br>1/8" | QTZ-MO-CPY<br>CLY-CLAY-CUP<br>QTZ-LIM-(CPY(PY))-(CUP) | <0.5 | LIM-MAG STAIN 151-156 ON FRAC<br>↑CUPRITE!!!<br>HEM-STAIN 157-164.5 | 157 | 100 | 20 | 67185 | .37 | .09 | | .68 | .014 | | 0.50 |
| | 50° WK | 170 | 50×1<br>? | 2 1/2"<br>5'<br>2" | CUPRITE DARKENED FINE PHASE<br>BRX-SAND CLAY-LIM-MO-CPY-PY<br>QTZ-CHR-SER-LIM-CUP-MO-CPY<br>QTZ-CHL+((CPY)) | <0.5 | HEM STAIN 168-175<br>CHRYSOCOLLA!, CUPRITE!<br>MOLYBDENITE! | 167 | 93 | 17 | 67186 | .44 | .05 | | .91 | .021 | | 0.30 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | FOLIATION 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): LEACH CAP; LEACHABLE OX.; UNL. ZONE; SUPERGENE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 50° LK | 180 | 30-[illegible] / ?x1 | ½"-½" / 4" | QTZ-CHL / QTZ-CPY-(CHL) [illegible] | <0.5 | | | 177 | 100 | 63 | 67187 | .14 | <.01 | | .87 | .010 | | 0.07 |
| MINE PHASE TONALITE ↑ IN $SiO_2$ & ↓ IN CHL FROM 180-185 | 50° LK | 190 | 45x3 / 50x1 / 3ex | HRLN / ¼" | QTZ-CPY-MO-PY / QTZ-CHL-SER / BRX-QTZ-PY-MO-CPY | 0.7 | | [illegible] | 187 | 95 | 30 | 67188 | .35 | .01 | | 2.86 | .046 | | 0.25 |
| | 50° LK | 200 | 55x10 / ? 55[illegible] | HRLN / 1" / ⅛" | QTZ-CHL-CPY-PY / BRX-QTZ-CPY-PY-CC? / QTZ-PY-CPY | <0.5 | ↑ DISSEMINATED CPY? | | 197 | 84 | 37 | 67189 | .61 | .01 | | 2.89 | .021 | | 0.40 |
| | 50° LK | 210 | 55x5 / 50x3 / 50x1 | HRLN / ⅛-⅛" / HRLN | QTZ-CHL-CPY-PY / QTZ-CPY-PY / QTZ-CHL-PY | <0.5 | ↑ DISSEMINATED CPY? | | 207 | 95 | 33 | 67190 | .48 | <.01 | | 3.06 | .008 | | 0.45 |
| | 50° LK TO MD | 220 | 50x6 / 50x3 / 50x1 | HRLN / 1"-⅛" / 1/16" | CHL-PY-CPY-QTZ / QTZ-PY-CPY / QTZ-CHL-PY-(CPY) | <0.5 | | | 217 | 100 | 70 | 67191 | .26 | .01 | | 2.57 | .006 | | 0.30 |
| | 50° LK TO MD | 230 | 50x3 / 50x2 / ?x1 / 50x1 | 1/16" / 1/16" / 1" / ¼" | CPY-QTZ-PY / QTZ-PY / QTZ-CHL / QTZ-PY-CHL | <0.5 | MINE PHASE TONALITE W/ ↓ CHL BETWEEN THE TWO QTZ-PY VEINS | | 227 | 100 | 63 | 67192 | .19 | .01 | | 2.50 | .002 | | 0.20 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-10 Page 5 of 7

| 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.; UNL. ZONE; SUPERGENE — REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 240 | 45°x1<br>45°x1<br>45°x1<br>45°x1<br>45°x1 | 3/4"<br>HELIX<br>3/16"-1/2"<br>3"<br>HELIX | QTZ-CHL-CPY<br>QTZ-PY-CHL<br>QTZ-CHL-CARB<br>CHL-PY | <0.5 | J CHL IN M.P.T. FROM 230.5-231.5 | 237 | 100 | 60 | 67193 | .03 | <.01 | | 2.11 | .002 | | 0.07 |
| SERIATE BYHIGH [illegible] | 60° blk | 250 | 45°x2<br>50°x2 | 1/8"<br>HELIX-1/2"<br>1/16"-HELIX | QTZ-PY-CPY<br>QTZ-CPY<br>QTZ-PY | <0.5 | | 247 | 97 | 63 | 67194 | .12 | <.01 | | 2.23 | .001 | | 0.07 |
| | 60° blk to blk | 260 | 45°x3<br>45°x1<br>45°x3<br>60°x2<br>? | 1/8"-HELIX<br>1/4"<br>1/8"-HELIX<br>HELIX | QTZ-PY-CPY<br>QTZ-CARB<br>QTZ-PY<br>QTZ-PY<br>GRADE W/ BRX-PY | <0.5 | | 257 | 100 | 43 | 67195 | .10 | <.01 | | 2.47 | .002 | | 0.06 |
| | 60°? blk-ND | 270 | 70°x1<br>?<br>? | 1/16"<br>1"<br>2"<br>3/4" | QTZ-PY<br>BRX<br>GRADE<br>BRX | <0.5 | LIN STR @ 266-269.5<br>ROCK IS NOT VERY COMPETENT.<br>+ SEMI CLAY 264-265 | 267 | 99 | 3 | 67196 | .03 | <.01 | | 1.56 | .001 | | 0.05 |
| | 30°? blk-ND | 280 | ?<br>?<br>? | 1"<br>1/8"-1/2"<br>1 1/2"<br>3"<br>1/2" | BRX<br>QTZ-CHL-PY-(CARB)<br>BRX<br>GRADE<br>BRX | <0.5 | IRREGULAR QTZ VEINS FROM 272-274 to M.P.T. - ONLY REALLY COMPETENT ROCK BETWEEN 257-290 | 277 | 99 | 17 | 67197 | .01 | <.01 | | 2.02 | .001 | | 0.05 |
| | 65° blk | 290 | ? | 10" | BRX | <0.5 | QTZ-EPI VEIN 284-285<br>HEM STAIN 287-290 | 287 | 96 | 3 | 67198 | .01 | <.01 | | 1.45 | .001 | | 0.05 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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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 | 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 % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 80° TO ND | 300 | ? 25°x1 | 1' ½' | BRX BRX QTZ-HEM-PY | <0.5 | | HEM STAIN 290-302 ↑SRUS 290-292 | 297 | 95 | 12 | 67190 | .02 | <.01 | | 2.67 | <.001 | | 0.047 |
| | 65° WK | 310 | 55°x1 | HRLN ⅛" | QTZ-PY | 0.5 | | | 307 | 100 | 57 | 67200 | .05 | <.01 | | 3.29 | .002 | | 0.07 |
| | 70° WK TO ND | 320 | 35°x5 45°x1 45°x2 | HRLN-½" 1" ½" | QTZ-PY QTZ-CPY QTZ-PY | <0.5 | | | 317 | 100 | 52 | 67201 | .05 | .01 | | 2.49 | .001 | | 0.07 |
| | ND | 330 | x4 50°x2 x3 | HRLN-½" | QTZ-CPY-(PY) | <0.5 | | | 327 | 100 | 60 | 67202 | .12 | <.01 | | 2.80 | .001 | | 0.08 |
| | ND | 340 | 15°x3 ? 40°x1 | HRLN 1" 1/16" | PY-QTZ-(CPY) BRX QTZ-PY | <0.5 | | HEM STAIN 332-334 ↑CHL 332-332⅛" & QTZ | 337 | 100 | 60 | 67203 | .08 | <.01 | | 2.04 | .001 | | 0.07 |
| | ND | 350 | 30°x2 70°x1 75°x1 | HRLN 3" 3" | QTZ-PY QTZ-CPY QTZ-CPY | <0.5 | | ↑CHL ON EITHER SIDE IN H.P.T. ↑CHL ON EITHER SIDE IN H.P.T. | 347 | 100 | 84 | 67204 | .02 | <.01 | | 1.59 | <.001 | | 0.06 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-10 Page 7 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rz Type & Alt | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | X<br>X<br>X | 357 | | 3 [illegible]<br>60°<br>3 [illegible] | [illegible]<br>[illegible]<br>[illegible] | QTZ-CHL-CPY-EPI<br>QTZ-EPI<br>QTZ-CPY-CARB. | <0.5 | [illegible] | | 352 | 100 | 47 | 67205 | .12 | <.01 | | 1.96 | .002 | | 1.18 |
| | | | | | | | | | E.O.H. 357 FEET | | | | | | | | | | | | |

/home/gbl1/rodman/caplas/log_sheet.dsp

# GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-11 Page No. 1 of 5

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 50 221.21 | CORE SIZE | NQ |
| DATE COLLARED | April 28, 1995 | LENGTH | 305' | LONGITUDE (E) | 49 331.36 | SCALE OF LOG | 1" = 10' |
| DATE COMPLETED | April 29, 1995 | DIP | -90° | ELEVATION | 3840.35 | REMARKS | |

LOGGED BY ANDREW — STEWART
DATE 12/05/95 (DD/MM/YY)

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- CHLORITE DARKENED MINE PHASE TONALITE
- LEUCOCRATIC PHASE
- QUARTZ
- BADLY BROKEN ROCKS
- FAULT GOUGE

**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 | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Altn | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | LEACH CAP — / — | CASING TO 48' | | | | | | | | | | | |
| MINE PHASE TONALITE (43-70) UNIT IS COMPOSED OF PEAS-QTZ-CHL WK TO ND FOLIATION ↓ SAUSSURITE, ↓ IN SOFTER SECTIONS | ? WK TO ND | 50 | | ? ? | 2' 3' | BRX-CU CLAY-HEM-($MnO_2$) ON FRAC; BRX-CU CLAY-HEM-($MnO_2$) ON FRAC | <0.5 | LEACHABLE OX. 12% / 240; LIM. ZONE 33.5' / 240; SUPERGENE — / 270 | OVER BURDEN (FROM 0-48) PLUS SOFT FER STAINED 43-50.5 | 42 | 96 | 13 | 67211 | .57 | .47 | | 1.17 | .002 | | 0.20 |
| | ? WK TO ND | 60 | | ? x5 45° x1 | ½' ¼' | LIM; BRX-CU CLAY-((MnO₂)); QTZ-CHL-LIM | <0.5 | | HEM STAIN 56.5-62; CHRYSOCOLLA | 57 | 98 | 32 | 67212 | .57 | .47 | | 1.30 | .003 | | 0.30 |
| | ? WK TO ND | 70 | | 55° x1 55° x1 ? ? x5 | 1" 2' | QTZ-CU CLAY-($MnO_2$)-LIM; QTZ-LIM STAIN-((MnO₂)); BRX; LIM | <0.5 | LIM STAIN 62.5-69.5 | | 67 | 95 | 10 | 67213 | .30 | .21 | | 1.59 | .003 | | 0.15 |
| | ? WK TO ND | 80 | | 40° x1 ? ? | ¼" 1' 3' | LIM; BRX-SAUS CLAY-($MnO_2$); BRX-SAUS CLAY-LIM-QTZ | <0.5 | | | 77 | 98 | 3 | 67214 | .24 | .21 | | 1.30 | .003 | | 0.10 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-11 Page 2 of 5

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Alt, Int, 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. | ASSAY RESULTS: SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ?° WK TO 1/2° | 90 | ? / ? | ½' / 1' | Brx - LIM - SAUS CLAY OXI FRAC / Brx - LIM - SAUS CLAY OXI FRAC | <0.5 | REMARKS: CHL DEPLETED 85.5-88 | 82 | 98 | 3 | 67215 | .15 | .09 | | 1.74 | .005 | | 0.10 |
| CHLORITE DEPLETED MINS PHASE TONALITE 88.5-99.4 PLAG-CHL-QTZ TO CHL-PLAG-QTZ | 45° MOD/WK TO ?° WK TO 1/2° | 100 | Brx / ? | HRLN / 1' | LIM / Brx-(LIM) | <0.5 | SMALL PATCH OF M.P. TONALITE 98.4 | 97 | 99 | 6 33 | 67216 | .08 | .05 | | 1.45 | .003 | | 0.10 |
| | 45° MOD/WK TO ?° WK TO 1/2° | 110 | ?-45°xs | HRLN | LIM | <0.5 | AREAS OF M.P. TONALITE 100-102, 104-105, 109-110. CHL IS VUGGY 106.75-108 | 107 | 100 | 33 | 67217 | .07 | .04 | | 1.14 | .004 | | 0.10 |
| | 40° MOD/WK TO WK | 120 | ? / 35°xs | 4" / 3/4" | Brx - SAUS CLAY / QTZ - LIM - CHR - LIM - ($MnO_2$) | <0.5 | GAUGE 111.5-111.75 CHRYSOCOLLA!!! ↑CAVS 116-134 PATCHES CORE | 117 | 100 | 30 | 67219 | .07 | .05 | | 0.90 | .003 | | 0.15 |
| | 30° WK/MOD | 130 | ? / ? | 2 1/4' / 2 1/2' | Brx-(LIM)-(CU CLAY)-(SAUS CLAY)-($MnO_2$) / Brx-(LIM)-(SAUS CLAY)-(CU-CLAY)-($MnO_2$) | <0.5 | | 127 | 90 | 7 | 67219 | .16 | .13 | | 0.87 | .001 | | 0.20 |
| MINR PHASE TONALITE: (137-280) PLAG-QTZ-CHL (TYPICAL) | 50° WK | 140 | — / ? / ?-30°x6 | — / 3' / HRLN | SPOTS OF MAL-CHR (130-131) / SAUS CLAY-CHL-↑SAUS M.F.T / LIM-$MnO_2$ IN CRACKS & VEINS | <0.5 | INCOMPETENT ↑SAUS M.F TONALITE AND PATCHES OF CHL DARKENED M.F.T. THAT ARE STILL COMPETENT 134-137 LIM SEAM 134.5-134.75 MALACHITE & CHRYSOCOLLA!!! | 137 | 96 | 33 | 67220 | .13 | .10 | | 0.81 | .001 | | 0.25 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-11 Page 3 of 5

| 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 | 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 150 | | 10° x1<br>?x1<br>? | ½"<br>1"<br>7' | QTZ-LIM-$MnO_2$ (VUGGY)<br>BRX-SRUS CLAY-LIM<br>SRUS CLAY-CU CLAY-LIM-$MnO_2$ ON FRAC | <0.5 | | HEM STRIN 144-151 (↓) | 147 | 95 | 10 | 67221 | ·15 | ·12 | | 1·18 | ·001 | | ≥.15 |
| | ND | | 160 | | 25°-?x? ?x1 | ¼"-HRLN<br>HRLN | QTZ-LIM-CHL<br>LIM | <0.5 | | | 157 | 100 | 33 | 67222 | ·13 | ·08 | | 1·17 | ·004 | | ≥.10 |
| | ND | | 170 | | ?<br>?x3 | 1"<br>HRLN | GAUGE<br>LIM-($MnO_2$) | <0.5 | | ↑LIM 164.5-166 | 167 | 100 | 27 | 67223 | ·14 | ·09 | | 1·28 | ·004 | | ≥.15 |
| | ND | | 180 | | ?<br>?x7<br>?<br>?x4<br>?x3 | 1"<br>HRLN<br>2"<br>HRLN<br>2"-½" | BRX/GAUGE-LEUCOCRATIC CLAY W/ SERISSITE & SERICITE<br>LIM-SRUS CLAY<br>M.F.T REPLACED W/ MAG-CHR<br>LIM-SRUS CLAY-CHR<br>CHL DARKENED | <0.5 | | CHRYSOCOLLA!!!<br>↑LIM STRIN 171-175 | 177 | 97 | 10 | 67224 | ·23 | ·19 | | 1·49 | ·005 | | 0.35 |
| | WK 60° | | 190 | | 20°x1<br>?x8<br>?<br>?x3 | ¼"<br>HRLN<br>½"<br>HRLN | QTZ-MAG-HEM-SRUS CLAY-LIM<br>LIM-SRUS CLAY-CHR<br>BRX-SRUS CLAY-HEM ON FRAC<br>FRAC-SRUS CLAY-HEM | <0.5 | | MAG IS BEING TRANSFORMED INTO HEM | 187 | 98 | 23 | 67225 | ·27 | ·24 | | 0·90 | ·003 | | ≥.25 |
| | WK 60° | | 200 | | 35°x1<br>?x2<br>?x1<br>?x3 | 3"<br>⅝"<br>HRLN<br>4"<br>HRLN | CHL DARKENED M.F.T W/ REPLACED MAG<br>LIM<br>LIM<br>MAG-QTZ-SER-SRUS CLAY-LIM-½ CHL ON FRAC<br>LIM-SRUS CLAY | <0.5 | | | 197 | 100 | 23 | 67226 | ·16 | ·13 | | 0·96 | ·003 | | 0.12 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-11 Page 4 of 5

| ROCK TYPES and ALTERATION | FOLIATION 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): 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 210 | ? 20°-70x ? | 7" HRLN 1" | BRX - LT GREEN SERIS CLAY - (HEM) - LIM SERIS CLAY - LIM BRX - QTZ - LIM | <0.5 | | | 202 | 96 | 20 | 67227 | .14 | .11 | | 0.71 | .001 | | .10 |
| | ND to 50° | 220 | ? 3x4 | 7" HRLN | BROKEN QTZ W/ LIM - (MnO2) SERIS CLAY - LIM | <0.5 | | | 217 | 48 | 0 | 67228 | .06 | .05 | | 0.66 | .004 | | .11 |
| | ND to 65° | 230 | ? x25 | HRLN-1/16" | SERIS CLAY - LIM - (CPY ?) | <0.5 | | | 227 | 80 | 27 | 67229 | .07 | .05 | | 0.94 | .007 | | .11 |
| | ND to 55° | 240 | 40° x8 | HRLN-1/8" | BRX - SERIS CLAY - (LIM) QTZ - PY - LIM | <0.5 | | HEM STAIN 235-235.5 | 237 | 96 | 27 | 67230 | .13 | .05 | | 0.69 | .003 | | .17 |
| | ND | 250 | ? ? 90° x2 | 1/2" 2" HRLN-DISS | BRX + GRANGE BRX - PY - CC - LIM PY - CC | <0.5 | | † HEM STAIN 240.5-241.5 CHALCOCITE !!! | 247 | 54 | 7 | 67231 | .57 | .04 | | 1.51 | .002 | | .25 |
| | ND to 65°? | 260 | 40° x2 ? 40 x2 50° x1 50 x1 | HRLN-DISS 1" HRLN HRLN HRLN | QTZ - PY - CC BRX - (PY) - (CC) QTZ - CPY - PY PY - QTZ QTZ - CPY - PY - CC | <0.5 | | | 257 | 90 | 3 | 67232 | .34 | .01 | | 1.04 | .003 | | 0.35 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-11 Page 5 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 | ESTIMATE % PYRITE | BOTTOM DEPTHS ZONE / ESTIMATE / ACTUAL: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE | REMARKS | FRACTURE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 270 | ? / ? x 5 / 40 x 3 | 4½' / HRLN / 1/10' | BRX - PY - (SECC) / QTZ - PY - CHL / QTZ - PY - (SECC) | <0.5 | | | 267 | 91 | 7 | 67233 | .12 | .01 | | 1.10 | .001 | | 0.30 |
| | ND | 280 | ? / ? | 1' / 2½' | BRX - SOME CLAY / BRX - GOUGE - QTZ - CHL - PY | <0.5 | | SOME SECCOCITE SPECK BUT NOT VISIBLE | 277 | 85 | 7 | 67234 | .18 | .01 | | 1.16 | .002 | | 0.28 |
| CHLORITE DARKENED KING PHASE TONALITE<br>PLAG - CHL - QTZ (280-295)<br>WK FOLIATION | ND TO 45° WK | 290 | ? x 1 / ? x 3 / ? / 50 x 1 | 1" / ½" / ¼" / ½" | QTZ (MUSCV) - CPY - PY / QTZ - CPY - PY / BRX - QTZ - EPI - CHL - PY - CPY / EPI - QTZ - CHL - PY - (CPY) | <0.5 | | | 287 | 70 | 17 | 67235 | .47 | .01 | | 1.27 | .002 | | 0.20 |
| MINE PHASE TONALITE<br>PLAG - QTZ - CHL (295-307)<br>WK FOLIATION | ND TO 60° WK | 300 | ? x 1 / 50 x 1 / 40 x 2 / 30 x 1 | 1"? / HRLN / HRLN / 1/10" | QTZ - CPY - MO - PY - ? BLUISH TRON / CHL - QTZ - PY - CPY / CR - HEM / PLAG - QTZ - CPY - CHL | <0.5 | | HEM STAIN 295 - 297 | 297 | 88 | 17 | 67236 | .28 | .01 | | 0.97 | .003 | | 0.15 |
| | 55° WK | 307 | ? / ? x 1 / 45' x 1 | 1' / 3/10" / 1/8" | BRX - SOME CLAY / HEM - PLAG - ((CHL)) - ((PY)) - ((CPY)) / QTZ - PY | <0.5 | | HEM STAIN 301-302, 303-305 | 307 | 97 | 0 | 67237 | .19 | <.01 | | 0.94 | .001 | | 0.15 |
| | | | | | | | | E.O.H. | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED** (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-12 Page No. 1 of 6

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC Zone | BEARING | — | LATITUDE (N) | 49 818.60 | CORE SIZE | NQ | LOGGED BY | Dick Anon |
| DATE COLLARED | April 29, 1995 | LENGTH | 365' | LONGITUDE (E) | 49 456.76 | SCALE OF LOG | 1" = 10' | DATE | May 15, 1995 |
| DATE COMPLETED | April 30, 1995 | DIP | -90° | ELEVATION | 3838.11 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- 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 |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type | Footage | Structure | 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Note; there are two 297' blocks, hole is actually 365' instead of 355'. | | | | | | | | | | | | | |
| | | | | | | | | | CASING TO 85' | | | | | | | | | | | |
| MINE PHASE TONALITE: 85½-365' The Tonalite, in this hole, starts off with a very "normal" appearance; | ND | | 90 | / | 10° | brln x 3 | ep-qtz-chl | <.5 | - the chry in the fracture seems to be incorporated in some kind of clay matrix (earthy chry) | 87 | 90 | 33 | 67241 | .07 | .05 | | 0.70 | .002 | | .06 |
| | | | | / | 10° | fracture | chl-lim-$MnO_2$-(chry) | | | | | | | | | | | | | |
| in reference to its moderate to strong saus altn and the plag+ qtz+chl main assemblage. There is wk to mod lim altn until 140' to 190' where the lim+saus altn is str and there is lots of brx as | ND | | | / | 40° | fracture | chl-lim-$MnO_2$-chry | <.5 | - there is 16' of competent core separating the 87' and 97' footage blocks. | 97 | 99 | 70 | 67242 | .10 | .08 | | 0.66 | .002 | | .18 |
| | | | | / | 40° | ⅛" to 1" x 6 | ep-qtz-chl-lim-((chry)) | | | | | | | | | | | | | |
| | | | | \ | 20° | fracture | chl-lim-(chry)-($MnO_2$) | | | | | | | | | | | | | |
| | | | 100 | \ | 80° | ¾" | qtz-chl-lim-$MnO_2$ | | | | | | | | | | | | | |
| a result | | | | / | 10° | ½" | ep-qtz-chl | | | | 99 | | | | | | | | | |
| | | | | \ | 40° | fracture | hem-lim-chl | | | | | | | | | | | | | |
| | ND | | | / | 0° | shear | chl-ep-lim-(chry) | <.5 | | 107 | | 50 | 67243 | .14 | .13 | | 0.89 | .001 | | .13 |
| | | | 110 | | | | | | | | | | | | | | | | | |

| BOTTOM DEPTHS | | |
|---|---|---|
| ZONE | ESTIMATE | ACTUAL |
| LEACH CAP | — | — |
| LEACHABLE OX. | 290' | 290 |
| LIM. ZONE | 335' | 335 |
| SUPERGENE | 350? | 350 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-12 Page 2 of 6

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Footage, Structure) | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 120 | 70°+to80°<br>40°<br>0° | 1"+to2"x5<br>1/8"<br>shear | ep-qtz-chl-(chry)<br>chry-chl-lim<br>chl-lim-chry | <.5 | | 117 | 99 | 43 | 67244 | .26 | .23 | | 0.89 | .002 | | .30 |
| | ND | 130 | 70°<br>40°<br>0°+to20° | 1/4"<br>shear<br>hairline to 1/8"x5 | qtz-chl-lim<br>chl-lim-chry<br>qtz-chl-lim-MnO2 | < 5 | - minor finely disc blebs of chry throughout the monzonite | 127 | 98 | 50 | 67245 | .13 | .13 | | 0.78 | <.001 | | .20 |
| | ND | 140 | ?<br>40°<br>10° | 2'<br>fracture<br>fracture | brx w/ lim-chry<br>lim-chry-MnO2<br>lim-chl-chry-MnO2 | <.5 | - the plag. in the monzonite from 131' to 140' has a pale jade color, this may be due to pervasive chry mineralization | 137 | 94 | 57 | 67246 | .22 | .21 | | 0.84 | .004 | | .65 |
| | ND | 150 | 0°<br>? | fracture<br>5' | chl-chry-lim<br>brx w/ lim-chry-(hem)-(MnO2) | <.5 | - possible fault zone from 145' to 150', with minor hem, poorly developed striations and secondary brx + lim. | 147 | 91 | 17 | 67247 | .13 | .12 | | 0.64 | .001 | | .50 |
| | ND | 160 | ?<br>30°<br>? | 4'<br>1/8"x2<br>3' | brx w/chry-lim-MnO2<br>qtz-lim<br>brx+(qtz) w/ lim-MnO2 | <.5 | - the bulk of the chry is confined within the brx from 150' to 154' | 157 | 80 | 10 | 67248 | .36 | .32 | | 0.68 | .003 | | .80 |
| | ND | 170 | ? | 10' | brx+(qtz) w/ lim-MnO2-(chry) | <.5 | | 167 | 70 | 0 | 67249 | .11 | .09 | | 0.49 | .001 | | .20? |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-12 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 (ZONE / ESTIMATE / ACTUAL) | 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 | .80 | ? / 0° | 9' / fracture | brx w/ lim-$MnO_2$-(chry) / chl-lim-(chry) | <.5 | LEACH CAP / LEACHABLE OX. / LIM. ZONE / SUPERGENE | | 177 | 55 | 0 | 67250 | .15 | .11 | | 0.72 | .002 | | .257 |
| | ND | .190 | ? / 30° / ? | 4' / 1/8"x2 / 1' | brx w/ lim-$MnO_2$-(chry) / qtz (vuggy)-lim-chl / brx w/ lim-chry-$MnO_2$ | <.5 | | | 187 | 80 | 33 | 67251 | .16 | .12 | | 0.82 | .001 | | .307 |
| | ND | .200 | 50°to70° / ? / 0° / 10° | fracture x4 / 2' / 1/8" / 1/2" | chl-chry-lim / brx w/ lim-chry-$MnO_2$ / qtz-chl-lim-$MnO_2$-(...) / qtz-chry-lim | <.5 | | between 190' and 200' there are 2" to 1" sections of crackle tinted jade green by the background chry. | 197 | 28 | 37 | 67252 | .29 | .25 | | 0.61 | .003 | | .45 |
| | ND | .210 | 0°to30° / 40°to60° / 40° / 0° | 1/8"x2 / fracture x3 / 1/4" / 1" | qtz-chl-chry / chry-chl-lim-$MnO_2$ / lim(vuggy)-qtz-chl / qtz-lim | <.5 | | | 207 | 96 | 57 | 67253 | .24 | .20 | | 0.52 | .002 | | .35 |
| | ND | .220 | 30° / 20° / 20° / 20°to30° | 2" / 1/8"x2 / 1/4" / 1/8"x3 | qtz-lim-chry / qtz-lim-chry-$MnO_2$ / qtz-mal-chry-lim / qtz-lim-chl | <.5 | | - first appearence of mal, in this interval, closely associated with blebs of chry | 217 | 98 | 67 | 67254 | .23 | .20 | | 0.60 | .002 | | .55 |
| | ND | .230 | 10°to20° / 20° / 30° / 70° | 1/16"to1/8"x2 / 1" / 1/4" / fracture | qtz-lim-(mal) / qtz(vuggy)-lim-($MnO_2$) / qtz-lim-mal / chl-lim-chry | <.5 | | | 227 | 99 | 50 | 67255 | .24 | .19 | | 0.56 | .002 | | .35 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-12 Page 4 of 6

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type & 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 % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 240 | 0°<br>70°<br>10°<br>0° | fracture<br>1/4"<br>fractures x3<br>1/16" | lim-chl-mal-(MnO2)<br>qtz-ep-chl-mal<br>chry-mal-chl-lim-(MnO2)<br>qtz-chl-lim | <.5 | | | 237 | 97 | 40 | 67256 | .35 | .29 | | 0.88 | .002 | | .40 |
| | ND | 250 | 30° to 40°<br>70°<br>30°<br>40° to 60° | fractures x2<br>6"<br>1/4"<br>fractures x2 | chl-lim-(chry)<br>ep-qtz-chl-lim-(chry)<br>qtz-chl-lim-chry-(MnO2)<br>chry-chl-mal-lim | <.5 | | | 247 | 98 | 67 | 67257 | .19 | .16 | | 0.70 | .002 | | .30 |
| | ND | 260 | 30°<br>70°<br>60° to 70°<br>30°<br>30° | 1/8"<br>fracture<br>hrln x8<br>1/8"<br>fracture | qtz-lim-chl-(cp)<br>chl-lim-chry<br>qtz-lim-chl-ep<br>qtz-lim-chl-(py)<br>lim-chl | <.5 | | - minor, relict cpy grains rimmed strongly by lim | 257 | 100 | 93 | 67258 | .13 | .11 | | 0.86 | .001 | | .15 |
| | ND | 270 | 60°<br>20°<br>0° to 20°<br>0° | 1/8" x2<br>fracture<br>hrln to 1/8" x4<br>1" | qtz-chl-ep-lim<br>lim<br>qtz-lim-chl-(cp)<br>qtz-chl-MnO2-lim-chry | <.5 | | | 267 | 100 | 70 | 67259 | .16 | .12 | | 0.75 | .003 | | .18 |
| | ND to 40° mod-str | 280 | 10°<br>20° to 40°<br>60° to 80°<br>10° | 1/8" x2<br>hrln x6<br>1/2" to 1" x3<br>1/2" | qtz-lim-MnO2<br>qtz-lim-chl-(cp)<br>qtz(vuggy)-chl-MnO2-(lim)<br>qtz-chl-MnO2-lim-chry | <.5 | | | 277 | 100 | 67 | 67260 | .13 | .10 | | 0.69 | .002 | | .17 |
| | ND | 290 | 20°<br>40°<br>70°<br>20° to 40° | 1/8"<br>fracture<br>1/4"<br>hrln x4 | qtz-chl-MnO2-lim-chry<br>chl-MnO2-chry<br>qtz(vuggy)-MnO2-lim<br>qtz-lim-chl-(chry)-(cp) | <.5 | | | 287 | 99 | 67 | 67261 | .15 | .12 | | 0.81 | .003 | | .20 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-12 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 (ZONE / ESTIMATE / ACTUAL) | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NIL | 300 | 40°<br>30°<br>0°<br>40° | 3"<br>hrln x3<br>⅛" x2<br>½" to 1" x2 | qtz-lim-chl-$MnO_2$-(cp)<br>qtz-lim-chl-(cp)<br>qtz-lim-chl-(cp)<br>ep-qtz-chl-[illegible] | <.5 | | * there are two 297' blocks, therefore 10' will be added to all footage blocks after 297' & the final depth of this hole is 365' not 355'. | 297 | 97 | 63 | 67262 | .16 | .05 | | 0.74 | .008 | | .07 |
| | NIL | 310 | 30°<br>10°<br>0°<br>[illegible] | hrln x3<br>½"<br>⅛"<br>⅛" | qtz-chl-lim-(cp)<br>ep-qtz-chl-lim<br>qtz-chl-lim-(cp)<br>qtz-chl-lim-cp | <.5 | | | 307 | 99 | 83 | 67263 | .34 | .02 | | 0.75 | .008 | | .08 |
| | ND | 320 | 30°<br>30°<br>30° | ¼" x2<br>3½'<br>fracture | ep-qtz-chl-lim<br>qtz-lim-chl-(Mo)-(cp)-(py)-(Mo?-Cu)<br>chl-lim-(cc)-(py) | <.5 | | - minor native Cu visible in the large qtz vein from 313'-318'.<br>- first appearance of cc at 318'. | 317 | 99 | 47 | 67264 | .48 | .07 | | 1.75 | .085 | | .20 |
| | ND | 330 | 70°to90°<br>30°<br>0°<br>20° | ½" x3<br>hrln to ⅛" x[illegible]<br>fracture<br>⅛" | ep-qtz-chl-(cp)<br>qtz-chl-cp<br>lim-chl-cc-py-(cp)<br>qtz-chl-(cp) | <.5 | | | 327 | 96 | 67 | 67265 | .42 | .02 | | 1.12 | .009 | | 35 |
| | ND | 340 | 30°<br>0°<br>?<br>0°to10° | ¼"<br>shear<br>1'<br>⅛" x2 | qtz-chl-cp<br>chl-cp-Mo<br>brx w/(cc)-(py)-(lim)<br>qtz-chl-cp | <.5 | | | 337 | 95 | 60 | 67266 | .46 | .01 | | 1.23 | .011 | | .08 |
| | ND | 350 | 30°<br>0°<br>40° | ¼" x2<br>¼"<br>¼" x2 | qtz-chl-cp-Mo<br>qtz-chl-ser-cc-py-cp<br>qtz-chl-cp | <.5 | | | 347 | 92 | 60 | 67267 | .69 | .01 | | 1.63 | .035 | | .40 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-12 Page 6 of 6

| ROCK TYPES and ALTERATION | FOLIATION 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: LEACH CAP, LEACHABLE OX., LIM. ZONE, SUPERGENE | REMARKS | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | TCu % | ASCu % | CNSCu % | ASFe % | $MoS_2$ % | Ag oz/ton | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 350 | | 0°<br>0° to 10°<br>20°<br>-0° | 1/8"<br>1/8" x 2<br>1/2"<br>1/16" | qtz-chl-(cp)-((py))<br>qtz-chl-cp-py<br>cp-qtz-chl<br>qtz-chl-cp | <.5 | | - minor hem staining from 255' to E.O.H. | 357 | 99 | 77 | 67268 | .22 | <.01 | | 1.04 | .003 | | .20 |
| | " | | | | 40°<br>80° | 1/4"<br>1/4" | qtz-chl-cp-py<br>cp-qtz<br>365' ☆ E.O.H<br>Duck Porm | <.5 | | | 365 | 100 | 73 | 67269 | .23 | <.01 | | .72 | .009 | | .15 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG** Hole No. 95-13 Page No. 1 of 7

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC | BEARING | — | LATITUDE (N) | 49989.37 | CORE SIZE | NQ | LOGGED BY | ANDREW — STEWART |
| DATE COLLARED | April 30, 1995 | LENGTH | 415 FT | LONGITUDE (E) | 49 695.34 | SCALE OF LOG | 1" = 10' | DATE | 16/05/95 |
| DATE COMPLETED | May 1, 1995 | DIP | -90 | ELEVATION | 3861.055 | REMARKS | missing footage block at 197', depth is 415' | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE (M.F.T)
- ↓CHL ↓PLAG PHENOCRYST M.F.T
- QUARTZ
- QTZ-EPI 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 | 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. | 236' | 240 |
| LIM. ZONE | 247' | 250 |
| SUPERGENE | | 390 |

**REMARKS**

CASING TO 34'
CHRYSOCOLLA!!!
↓QTZ 45-46 IN MFT

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Alin | Footage | Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | 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: (34-227) PLAG+QTZ+CHL MOD SAUSSURITE ALTERATION | ND | | 40 | | 50<br>? x1 | HRLN<br>1" | SAUS CLAY - LIM - $MnO_2$ - CU CLAY<br>QTZ - LIM STRIN - CHR | <0.5 | 37' | 95 | 10 | 67341 | .17 | .15 | | 1.20 | .001 | | 0.10 |
| NOT ISOLATED. SOME EPIDOTE IS PRESENT. M.F.T. HAS A CHRYSOCOLLA BLUE TINT WHICH COMES & GOES IN VARYING DEGREES (45-99) | ND | | 50 | | 45°-? x2<br>60 x2<br>? x3<br>60° x1 | HRLN<br>3/10"<br>HRLN-SPECK<br>3/4" | SAUS CLAY - LIM - CU CLAY - $MnO_2$<br>CHL<br>CHRYSOCOLLA<br>QTZ - CU CLAY - LIM - $MnO_2$ | <0.5 | 47' | 95 | 27 | 67342 | .30 | .26 | | 1.36 | <.001 | | 0.30 |
| | ND | | 60 | | ? x3<br>? x1<br>? x1<br>35 x1<br>15° x1<br>10° x1 | HRLN-1/8"<br>HRLN<br>1/10"<br>HRLN<<br>1/8" | LIM - CU CLAY - $MnO_2$ ON FRAC<br>SAUS CLAY - LIM - CU CLAY - $MnO_2$<br>EPI - QTZ<br>SAUS CLAY - CHR - LIM<br>LEUCOCRATIC VEIN W/ CHR STRIN | <0.5 | 57' | 100 | 53 | 67343 | .17 | .15 | | .91 | <.001 | | 0.35 |
| | ND | | 70 | | 50° x1<br>35 x1<br>57° x1<br>35-? x4<br>89° x1 | HRLN<br>1/16"<br>3/16"<br>HRLN<br>1/8" | CU CLAY - LIM - $MnO_2$ ON FRAC<br>MAG - HEM - LIM - SAUS CLAY - CU CLAY - $MnO_2$<br>QTZ - CHR - LIM - $MnO_2$<br>CHL - LIM - QTZ - CHR - $MnO_2$<br>CHL - CHR - QTZ | <0.5 | 67' | 100 | 47 | 67344 | .31 | .27 | | 1.14 | <.001 | | 0.42 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-13 Page 2 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 80 | | ?x3<br>45x1<br>60x3<br>25-30x3 | HRLN<br>1/10"<br>HRLN<br>HRLN | CHL-QTZ-HEM-MAG-CU CLAY<br>QTZ-$MnO_2$-LIM-CHR<br>CHR-$MnO_2$-LIM-HEM | <0.5 | | | 77' | 100 | 30 | 67345 | .19 | .18 | | .94 | <.001 | | 0.21 |
| | ND | | 90 | | 60-70x2<br>?x4<br>50x2<br>?x1 | 1/10"<br>HRLN<br>1/8"-1/2"<br>HRLN | CHR-QTZ-$MnO_2$-LIM<br>CU CLAY-$MnO_2$<br>CHL-LIM-$MnO_2$<br>LIM-CHR-$MnO_2$ | <0.5 | | | 87' | 100 | 30 | 67346 | .41 | .34 | | 1.31 | <.001 | | 0.50 |
| | ND | | 100 | | ?x3<br>?x3<br>45'x5 | HRLN<br>1/2"-HRLN<br>HRLN | CU-CLAY-$MnO_2$-LIM (ON FRAC<br>QTZ-CU CLAY-LIM-$MnO_2$<br>CHR-CU CLAY-LIM-($MnO_2$) | <0.5 | | | 97' | 97 | 37 | 67347 | .21 | .19 | | 1.03 | <.001 | | 0.30 |
| | ND | | 110 | | 30x5<br>?x1<br>25<br>30'-?x2 | HRLN<br>HRLN<br>6"<br>HRLN-SPECK | LIM-$MnO_2$-SAUSCLAY-CU CLAY<br>LIM-CHR-(OY)<br>CHL DARKENED<br>QTZ-CHR-SAUSCLAY-LIM-$MnO_2$ | <0.5 | → ON FRAC | | 107' | 77 | 13 | 67348 | .33 | .27 | | 1.17 | <.001 | | 0.15 |
| | ND | | 120 | | 36'x1<br>?x1<br>45x3<br>46'x1<br>45'-?x4 | 1/8"<br>HRLN<br>HRLN<br>3/8"<br>HRLN | LIM-$MnO_2$-LEACHED<br>CU CLAY-CHR-LIM-$MnO_2$ ON FRAC<br>CHR-QTZ-$MnO_2$-((LIM))<br>CHL-QTZ-LIM-$MnO_2$<br>QTZ-LIM-$MnO_2$ | <0.5 | GREEN TINT TO CORE 114-115 | | 117' | 100 | 43 | 67349 | .30 | .24 | | 1.16 | <.001 | | 0.30 |
| | ND | | 130 | | ?x3<br>?x1<br>50'x2 | HRLN<br>1/2"<br>HRLN<br>1/4" | CU CLAY-LIM-$MnO_2$ ON FRAC<br>QTZ-EPI-CHL-LIM-PYI-$MnO_2$<br>LIM-$MnO_2$<br>QTZ-CHL-LIM | <0.5 | | | 127 | 98 | 37 | 67350 | .12 | .09 | | 1.02 | <.001 | | 0.14 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-13 Page 3 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rz Type & Alm 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 140 | 15°x2<br>?x3<br>?x3<br>? | 1/16-1/8"<br>HRLN<br>HRLN<br>2" | CHL-QTZ-EPI-LIM<br>MnO2-LIM-SRUS CLAY ON FRAC<br>CUCLAY-LIM-((MnO2)) ON FRAC<br>SRUS CLAY-CUCLAY-(LIM) ON FRAC | <0.5 | HEM STAINING TO M.F.T. 135-149.5 | 137 | 39 | 30 | 67351 | .12 | .11 | | 1.09 | <.001 | | 0.29 |
| ↓CHL IN MFT (145-147, 147.5-152) | ND | 150 | ?<br>?85-?<br>? | 1"<br>HRLN<br>1" | BRX-CUCLAY-SRUS CLAY-((LIM))<br>CUCLAY-CHR-HEM-LIM-MnO2<br>BRX-GRUGE | <0.5 | | 147 | 92 | 13 | 67352 | .34 | .29 | | .91 | <.001 | | 0.40 |
| | ND | 160 | 40°x2<br>45°x2<br>?<br>?x5<br>? | 1/16"-1/8"<br>HRLN<br>1"<br>HRLN-1/2"<br>6" | QTZ-LIM-MnO2-CHR<br>LIM-CUCLAY-MnO2 ON FRAC<br>BRX-CHR-MnO2-((LIM))<br>CUCLAY-HEM PLUNG FRAC<br>BRX-CUCLAY-HEM | <0.5 | HEM STAINS 154-165<br>SULFIDES MINR TO M.F.T. 156-166.5<br>CUCLAY IS VERY DOMINANT FROM 158-165 | 157 | 89 | 7 | 67353 | .45 | .43 | | 1.36 | <.001 | | 0.60 |
| | ND | 170 | ?x2<br>?<br>?x1<br>45°x3<br>?x5<br>50°x1 | HRLN<br>1"<br>HRLN<br>1/4"-1/8"<br>HRLN<br>1" | CUCLAY-HEM ON FRAC<br>BRX-CUCLAY-HEM<br>CUCLAY-HEM ON FRAC<br>QTZ-CHR-CUCLAY<br>CHR-LIM-MnO2-CUCLAY ON FRAC<br>QTZ-LIM-(SRUSCLAY)-(MnO2) | <0.5 | MFT IS GREEN (149.5-149.75)-PLAG SEEMS TO BE SATURATED W/ CHR/CUCLAY | 167 | 93 | 3 | 67354 | .76 | .75 | | 1.22 | <.001 | | 1.50 |
| | ND | 180 | ?<br>?<br>40°x1 | 3"<br>HRLN<br>HRLN | BRX-SRUSCLAY-CUCLAY-SER-LIM-(MnO2)<br>LIM-MnO2 ON FRAC<br>LIM-SRUS CLAY-(MnO2) | <0.5 | MFT HAS A GREEN BLUE TINT (177-178) | 177 | 94 | 13 | 67355 | .39 | .35 | | 1.17 | <.001 | | 0.40? |
| | ND | 190 | 45°x1<br>?x1<br>50°x1<br>50°x1 | 1"<br>HRLN<br>1/2"<br>1/4"<br>3/4" | HEM STAIN IN MFT.<br>LIM-MnO2<br>PLAG-QTZ-EPI-LIM-CHL-((MnO2))<br>QTZ-CHL-LIM<br>QTZ-EPI-LIM | <0.5 | | 187 | 100 | 53 | 67356 | .11 | .09 | | .70 | <.001 | | 0.09 |

# GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-13 Page 4 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Type Alt. | GRAPHIC LOG Footage | GRAPHIC LOG 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 200 | | 45-50 x 2<br>50 x 1<br>30 x 1<br>60 x 1 | HRLN<br>1/4"<br>HRLN<br>3/4" | QTZ-CHL-LIM-CALCITE<br>QTZ-CHL-LIM-MnO2<br>CHL-QTZ-LIM-MnO2<br>EPI-QTZ-CHL-LIM | <0.5 | | * BIG BONUS! 10 FREE FEET (20 FT BTW 187 & 197) Missing footage block. | 197 | 95 | 43 | 67357 | .07 | .06 | | .70 | <.001 | | 0.07 |
| | ND | | 210 | | 40 x 2<br>40 x 2<br>50 x 1<br>? 20-40 x 7 | HRLN<br>1/4" - HRLN<br>1/3"<br>1" BLOCK HRLN | LIM-MnO2<br>QTZ-CHL-LIM-CALCITE<br>QTZ-CHL-LIM-EPI<br>EPI-PLAG-QTZ-LIM-CHL LIM-MnO2 | <0.5 | | | 207 | 95 | 50 | 67358 | .08 | .07 | | .53 | <.001 | | 0.10 |
| | ND | | 220 | | ?<br>45 x 2<br>45 x 5<br>45-50 x 3 | HRLN<br>HRLN<br>HRLN<br>HRLN - 1/8" | SERICITE CLAY-LIM-CHR 3% FRRC<br>CALCITE-CHL-CHR-LIM-MnO2<br>LIM-MnO2<br>QTZ-CHL-CHR-LIM-MnO2 | <0.5 | ↓CHL 216-220 IN WFT | | 217 | 98 | 30 | 67359 | .25 | .24 | | .56 | .001 | | 0.30 |
| CHLORITE DARKENED MINE PHASE TONALITE: PLAG + CHL + QTZ (227-244) | ND<br>LNR 90°? | | 230 | | 45-55 x 7<br>45 x 3<br>45 x 1<br>50-70 x 6 | HRLN<br>1/8" - 1/16"<br>1/16"<br>1/4" - HRLN | CALCITE-LIM-CHR-MnO2<br>CALCITE-LIM-CHR-MnO2<br>CALCITE-LIM-MnO2<br>QTZ-CHR-MnO2-LIM | <0.5 | CORE HAS A BLUE GREEN TINT (227-234) | | 227 | 100 | 33 | 67360 | .57 | .55 | | .76 | .001 | | 0.80 |
| | LNR 90°? | | 240 | | 50-80 x 9<br>65 x 3<br>60-80 x 4<br>35 x 2<br>80 x 1 | HRLN<br>1"<br>1/8" - 1/4<br>1" | LIM-CHR-MnO2<br>QTZ-LIM-CHR-MnO2<br>LIM-MnO2-QTZ<br>EPI-QTZ-LIM STRIN AT MARGINS | <0.5 | LIM STRIN 234-236 | | 237 | 100 | 23 | 67361 | .32 | .27 | | 1.21 | .003 | | 0.30 |
| MINE PHASE TONALITE: (244-331) PLAG + CHL + QTZ | LNR 90°?<br>ND | | 250 | | 20-70 x 14<br>30-50 x 3<br>30 x 3<br>30 x 3 | HRLN - 1/12"<br>HRLN - 1/16"<br>1/4"<br>1/8" | QTZ-CPY-LIM-(PY)-(COVELLITE)-(CHLORITE)<br>QTZ-CPY-PY-LIM<br>QTZ-CPY-LIM<br>QTZ-PLAG?-CPY | <0.5 | | | 247 | 99 | 67 | 67362 | .54 | .15 | | 1.07 | .005 | | 0.22 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-13 Page 5 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type Alter. 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 260 | 35° x1<br>35° x4<br>45-55 x4 | HRLN<br>HRLN<br>HRLN | SRMS CLAY - LIM<br>CPY-LIM-PY-QTZ<br>QTZ-CPY-PY | <0.5 | CHL DARKENING 254-254.5 | 257 | 100 | 60 | 67363 | .32 | .03 | | 1.06 | .002 | | 0.06 |
| | ND | 270 | 35-45° x? | HRLN | QTZ-CPY-PY-((TETRAHEDRITE))?-((CC)) | <0.5 | TETRAHEDRITE = BLUE SPEK ± [illegible] | 267 | 98 | 67 | 67364 | .32 | .01 | | .56 | .002 | | 0.08 |
| | ND | 280 | ?x1 | HRLN | QTZ-CPY | | | | | | | | | | | | | |
| | ND | 290 | 20-30 x5 | HRLN | CHL-QTZ-CPY-CPY | <0.5 | | 277 | 100 | 47 | 67365 | .32 | .01 | | .68 | .002 | | 0.08 |
| | ND | | 20 x1<br>50° x | ½"<br>½" | QTZ-CPY-BLUE SPK(?)<br>QTZ-CPY-CC. | <0.5 | | 287 | 90 | 37 | 67366 | .40 | .01 | | .79 | .002 | | 0.10 |
| | ND | 300 | ?<br>?x4 | 1'<br>1' | BRX<br>BRX-QTZ-CHL-SER-(CPY)-(Tet?) | <0.5 | QTZ-EPI ALT PHASE 295-298 | 297 | 90 | 17 | 67367 | .46 | .02 | | .82 | .005 | | 0.10 |
| | ND | 310 | ?x1 | FRAC | (PY)-(CPY)-(CC?)<br>QTZ-CPY | <0.5 | VERY WEAK LIM STAIN (300-300.35, 306.5-307.25 IN M.P.T. - SER & VEINS<br>↑SER 306-307.25 | 307 | 94 | 43 | 67368 | .40 | .01 | | .58 | .002 | | 0.09 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-13 Page 6 of 7

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Alt. Type | GRAPHIC LOG footage | GRAPHIC LOG 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL SULPHIDE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 320 | | 35°x1<br>10-45°x8 | ¼"<br>HRLN-½" | QTZ<br>QTZ-CPY-PY-((COV?)) | <0.5 | | | 317 | 97 | 73 | 67369 | .25 | .01 | | .58 | .008 | | 0.08 |
| | ND | | 330 | | 55°x1<br>50°x1<br>20°x1<br>20°x2 | 1"<br>1½"<br>½"<br>HRLN | QTZ-CHL<br>QTZ-CPY ALT PHASE<br>QTZ-CPY-PY<br>PY-CPY | <0.5 | | | 327 | 100 | 73 | 67370 | .16 | <.01 | | .42 | .002 | | 0.06 |
| ↓CHLORITE HIKE PHASE TONALITE-LEUCOCRATIC<br>SCHIST TEXTURED GRAYISH GREEN COLORED CORE LACKS CHL BLOBS SEEN IN M.F.T.<br>VISIBLE GREEN PLAG CRYSTALS & GOES (↓PHEN)<br>QTZ IS MOSTLY FINE GRAINED AND POSSIBLY MIXED UP W/ FINE GRAINED PLAG<br>THERE APPEARS TO BE VERY LITTLE CHL<br>(331-344) | ND | | 340 | | 20°x1<br>20°x2<br>0-70°x8 | 1/10"<br>1/10"<br>HRLN | QTZ-CPY<br>QTZ-SER-CPY<br>QTZ-CPY-(COV) | <0.5 | | | 337 | 100 | 37 | 67371 | .35 | <.01 | | .52 | .008 | | 0.06 |
| | ND | | 350 | | 45-60<br>25°x5 | ¼"-1½"<br>HRLN | QTZ-(CPY) LARGER VEIN IS VUGGY<br>QTZ-CPY-PY | <0.5 | | | 347 | 98 | 60 | 67372 | .51 | <.01 | | .75 | .037 | | 0.10 |
| | ND | | 360 | | 30°<br>40°x5<br>50°x1 | HRLN<br>½"-HRLN<br>½" | QTZ-CPY-PY<br>QTZ-CPY-((PO))<br>QTZ-CPY | <0.5 | CPY FORMS A MARBLE SIZED BLOB | | 357 | 100 | 63 | 67373 | .32 | <.01 | | .55 | .009 | | 0.16 |
| | ND | | 370 | | ?-45°x6 | HRLN-½" | QTZ-CPY-((PY)) | <0.5 | | | 367 | 100 | 53 | 67374 | .45 | <.01 | | .56 | .002 | | 0.14 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-13 Page 7 of 7

| 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) | FOOTAGE BLOCKS | ESTIMATED CORE RECOVERY | R.Q.D. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 380 | ?-45° x 5<br>? x 3<br>?-45<br>55° x 1<br>? x 2 | HRLN<br>1/10 - 1/8"<br>HRLN - 1/8"<br>1/2"<br>1/2" | QTZ-CPY-PY<br>QTZ-CPY-PY<br>QTZ-CPY-PY-(MO?)<br>QTZ (WAVY)-(CPY)<br>QTZ-CPY-CC? | <0.5 | | 377 | 100 | 33 | 67375 | .56 | .01 | | .68 | .008 | | 0.16 |
| | ND | 390 | 25-45 x 4<br>30-40° x 2<br>45°-? x 5 | 1/10 - 1/2"<br>1/4" - 1/10"<br>HRLN - 1/10" | QTZ-CPY-CC?<br>QTZ-MO-CPY<br>QTZ-CPY-PY-(BLUE TRANSL. CPY) | <0.5 | | 387 | 100 | 40 | 67376 | .60 | <.01 | | .75 | .022 | | 0.20 |
| MINE PHASE TONALITE:<br>PLAG+QTZ+CHL; SAUSSURITE ALTERATION, NONFOLIATED W/ SOME EPIDOTE PRESENT (394-415) | ND | 400 | 25° x 1<br>25° x 1<br>35° x 1<br>40° x 1<br>30-50° x 4<br>? x 2 | HRLN<br>HRLN<br>HRLN<br>1/16"<br>HRLN - 1/8"<br>1/16" | QTZ-CHL-CPY<br>QTZ-CHL-PY<br>QTZ-CPY<br>QTZ-SER-EPI<br>QTZ-PY-CPY-?BLUE TRANSL. CPY<br>QTZ-CHL-CPY-PY | <0.5 | | 397 | 100 | 53 | 67377 | .27 | <.01 | | .88 | .003 | | 0.15 |
| | ND | 410 | 35° x 2<br>? 5° x 3<br>? x 1<br>? x 1 | 1/8 - 1/12"<br>1/16" - HRLN<br>1 1/2"<br>1/8" | QTZ-CPY-PY<br>QTZ-PY-CPY<br>QTZ-CHL-CPY<br>QTZ-PY-CPY | <0.5 | | 407 | 100 | 73 | 67378 | .53 | .01 | | 1.23 | .003 | | 0.20+ |
| | ND TO 60°? | 415 | 20° x 1<br>? x 1 | 1/8"<br>1/16" | QTZ-CPY-PY-TET?<br>QTZ-CPY-(PY) | <0.5 | ↑ TETRAHEDRITE? | | 93 | 7 | | | | | | | | 0.18+ |
| | | | | | | | E.O.H. | | | | | | | | | | | |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG** Hole No. 95-14 Page No. 1 of 10

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LOCATION | PGEC Zone 4 | BEARING | — | LATITUDE (N) | 50 331.06 | CORE SIZE | NQ | LOGGED BY | Dick Pratt |
| DATE COLLARED | May 1, 1995 | LENGTH | 596' | LONGITUDE (E) | 49 739.15 | SCALE OF LOG | 1" = 10' | DATE | May 17, 1995 |
| DATE COMPLETED | May 2, 1995 | DIP | -90° | ELEVATION | 3885.32 | REMARKS | | | |

**ROCK TYPES and ALTERATION SYMBOLS**

- MINE PHASE TONALITE
- QUARTZ SERICITE CHLORITE PYRITE 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; sous = saussurite; ser = sericite; sph = sphalerite; str = strong; StWk = stockwork; tet = tetrahedrite; wk = weak

| BOTTOM DEPTHS | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | — | — |
| LEACHABLE OX. | 165' | 150' |
| UPL. ZONE | 190' | 190' |
| SUPERGENE | 190' | 190' |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Rx Type & Altn | Footage | Structure | 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 32' | | | | | | | | | | | |
| MINE PHASE TONALITE 32' to 596' The Tonalite in this hole has a "normal" appearance with respect to the plag+qtz+chl assemblage and the moderate to strong saussurite altn. The core up to 150' has sections of str lim altn. | ND to 70° mod-str | 40 | | | 40°<br>? | ¼" x2<br>1' | qtz-chl-lim-($MnO_2$)-(chry)<br>brx w/ hem-lim-chry | <.5 | -minor "earthy" looking chry visible in fractures | 37 | 98 | 43 | 67281 | .19 | .18 | | 1.20 | .001 | | .15 |
| | ND to 70° mod-str | 50 | | | 40°to60°<br>40°to50°<br>40°<br>40° | ¼"<br>fractures x2<br>1½"<br>½" | qtz-chl-lim<br>chl-lim-chry<br>qtz(vuggy)-lim-chry<br>qtz-chl-chry-$MnO_2$ | <.5 | -the Tonalite from 49' to 50' has a Jade green appearance from the pervasive chry. | 47 | 98 | 50 | 67282 | .27 | .23 | | 1.60 | .001 | | .40 |
| | ND to 70° mod | 60 | | | ?<br>70°<br>70°to90° | 4'<br>¼" x3 | brx w/ lim-ser-chry<br>qtz-chl-lim | <.5 | -there is a 5" section of core, from the large qtz vein, that has contains ~2" of chry. | 57 | 80 | 13 | 67283 | .76 | .75 | | 1.34 | .002 | | 1.20 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-14 Page 2 of 10

| ROCK TYPES and ALTERATION | PRIMARY/SECONDARY ANGLE & INTENSITY | GRAPHIC LOG Type Alt. Footage Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATE % PYRITE | BOTTOM DEPTHS (ZONE / ESTIMATE / ACTUAL): LEACH CAP; LEACHABLE OX.; 1.SM. 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 | 70 | 70°<br>?<br>50° | 1/8"x3<br>4'<br>hrlnx15 | qtz-lim-chl<br>brx+(qtz) w/lim-MnO2-(chry)?<br>qtz-lim-chl-MnO2 | <.5 | | | 67 | 95 | 30 | 67284 | .19 | .11 | | 2.01 | .002 | | .10? |
| | ND to 80°mod | 80 | 60°<br>75°<br>70° | 1/16"to1/2"x10<br>hrlnx4<br>1/4" | qtz-lim-chl-MnO2<br>qtz-lim-chl<br>qtz-chl-lim-(chry)? | <.5 | | | 77 | 99 | 70 | 67285 | .11 | .05 | | 1.70 | .001 | | <.05 |
| | ND to 90°wk | 90 | 75°<br>60°<br>x°<br>40°to60° | 6"<br>hrlnx6<br>mrlnx15<br>hrlnto1/4"x5 | lim-qtz-chl<br>qtz-lim-chl<br>qtz-lim-chl<br>qtz-chl-lim | < 5 | | | 87 | 100 | 53 | 67286 | .10 | .04 | | 1.99 | .002 | | <.05 |
| | ND to 90°wk | 100 | 50°<br>40°<br>60° | 1/16"x3<br>1/8"x2<br>1" | qtz-lim-chl-MnO2<br>qtz-lim-chl<br>qtz(vuggy)-lim-MnO2 | <.5 | -no evidence of any sulphides or Cu-oxides, just str lim visible throughout the tonalite | | 97 | 98 | 57 | 67287 | .07 | .03 | | 1.52 | .002 | | < 05 |
| | ND to 90°wk | 110 | 20°to40°<br>40°<br>70°to90° | fracturesx3<br>hrlnx7<br>1/2"to1 1/2"x3 | lim-(chl)-(MnO2)<br>qtz-lim-chl-cc?<br>qtz-chl-lim-MnO2 | <.5 | | | 107 | 98 | 67 | 67288 | .07 | .04 | | 1.50 | .001 | | .15 |
| | ND to 90°wk | 120 | 40°to50°<br>40°<br>30°to40°<br>40° | 1/16"to1/8"x5<br>1/8"to1/2"x3<br>1/8"x5<br>1/4" | qtz-chl-lim<br>qtz-lim-MnO2<br>qtz-chl-lim<br>qtz-py-cc | 0.6 | -first appearance of py in a qtz vein at 118', blackened by abundant cc. | | 117 | 99 | 60 | 67289 | .11 | .06 | | 1.62 | .003 | | .25 |

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**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-14 Page 3 of 10

| 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 | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 130 | 40°<br>40°<br>40°to50°<br>40° | ½"x8<br>⅛"x4<br>¼"to½"x2<br>fracture x2 | qtz-lim-chl-$MnO_2$<br>qtz-py-chl-(cp)-(cc)<br>qtz-chl-lim<br>lim-cc-py-mal-(cp) | 0.7 | - minor mal mixed with py+(cp)+(cc) indicate an oxy-supergene-hypogene zone. | 127 | 99 | 63 | 67290 | .29 | .09 | | 2.03 | .003 | | .22 |
| | ND | 140 | 40°<br>?<br>50°<br>40°to50° | ¼"<br>3'<br>¼"<br>hrln to ⅛"x7 | qtz-lim-mal<br>brx w/lim-(mal)<br>qtz-lim-mal<br>qtz-chl-py-cc-lim | 2.6 | | 137 | 94 | 40 | 67291 | .39 | .17 | | 1.64 | .005 | | .35 |
| | ND | 150 | ?<br>40°<br>40°<br>30°<br>40° | 2'<br>1"<br>4"<br>1"<br>10" | brx w/lim-((mal))<br>qtz-chl-mal<br>qtz-lim-chl-mal<br>qtz-chl-lim-mal-cc-$MnO_2$<br>qtz-chl-ser-lim-py | 2.0 | strong pervasive mal visible in this interval | 147 | 96 | 33 | 67292 | .30 | .19 | | 4.19 | .015 | | .55 |
| | ND | 160 | 50°<br>40°<br>40°<br>10° | hrln x15<br>hrln x5<br>hrln x10<br>¼"to½"x2 | qtz-chl-mal-cc<br>qtz-chl-cp<br>qtz-chl-cp-py-mal<br>qtz-ser-chl-py-cc-lim | 1.0 | - minor to trace quantities of cup visible in fractures | 157 | 98 | 57 | 67293 | .31 | .13 | | 2.14 | .004 | | .65 |
| | ND | 170 | 0°<br>40°<br>40°<br>40° | ½"<br>⅛"to½"x2<br>½"<br>¼"x2 | qtz-chl-py-cc<br>qtz(vuggy)-py-chl-cp-cc<br>qtz-chl-mal-(cup)<br>qtz-chl-cp | 3.0 | | 167 | 99 | 67 | 67294 | .18 | .02 | | 2.22 | .010 | | .70 |
| | ND | 180 | 0°<br>90°<br>0°<br>30° | ⅛"<br>5"<br>¼"<br>¼" | qtz-chl-cp<br>ep-qtz-chl-((cp))<br>qtz-chl-py-cp-cc-lim<br>qtz-chl-cp | 1.5 | | 177 | 99 | 50 | 67295 | .28 | .01 | | 1.80 | .008 | | .35 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-14 Page 4 of 10

| ROCK TYPES and ALTERATION | PRIMARY/SECONDARY ANGLE & INTENSITY | GRAPHIC LOG Type | 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | | 190 | | 40°<br>60°<br>30°to40°<br>30° | $\frac{1}{4}$"<br>shears x2<br>hrln x 8<br>hrln to $\frac{1}{8}$" x 15 | gtz-mag-chl-cp<br>ser-Mo<br>gtz-chl-cp-(cc)<br>gtz-chl-cp | <.5 | | | 187 | 97 | 67 | 67296 | .36 | <.01 | | 1.81 | .016 | | .30 |
| | ND | | 200 | | 60°<br>30°<br>40°<br>40° | $\frac{1}{4}$"<br>$\frac{1}{4}$"<br>$\frac{1}{2}$"<br>hrln x 4 | gtz-chl-cp-carb<br>gtz-chl-cp-py<br>gtz-chl-py-cp<br>gtz-chl-py-ep-cp | <.5 | | | 197 | 96 | 73 | 67297 | .25 | <.01 | | 1.56 | .010 | | .17 |
| | ND | | 210 | | 30°to40°<br>40°<br>90° | hrln x 8<br>$\frac{1}{8}$" x 2<br>1" | gtz-chl-cp-py<br>gtz-ep-chl-py<br>chl-(gtz) | <.5 | | | 207 | 100 | 77 | 67298 | .14 | <.01 | | 1.63 | .005 | | .18 |
| | ND | | 220 | | 40°<br>40°<br>? | $\frac{1}{8}$"<br>$\frac{1}{4}$" x 3<br>3' | gtz-chl-hem-(cp)<br>ep-gtz-chl-((cp))<br>brx+(gg) w/ hem-((py)) | <.5 | -fault zone from 217' to 257'; with intervals of brx + (gg) and wk to str hem staining from 210' to 260' | | 217 | 99 | 47 | 67299 | .11 | <.01 | | 1.63 | .004 | | .06 |
| | ND | | 230 | | ?<br>20°<br>0°to20°<br>40° | 1'<br>$\frac{1}{8}$"<br>hrln to $\frac{1}{8}$" x 3<br>$\frac{1}{2}$" | brx + gg w/ hem-((py))<br>gtz-chl-cp<br>gtz-chl-py-cp<br>ep-gtz-chl | 0.6 | | | 227 | 80 | 27 | 67300 | .12 | <.01 | | 1.60 | .003 | | .10 |
| | ND | | 240 | | 0°<br>0°<br>10°<br>? | hrln x 3<br>$\frac{1}{4}$"<br>$\frac{3}{4}$"<br>2' | gtz-chl-py-cp<br>gtz-chl-py-cp<br>gtz-chl-carb-py-(cp)<br>brx+gg w/ hem-(cp) | 1.0 | | | 237 | 99 | 50 | 67301 | .25 | <.01 | | 2.07 | .007 | | .14 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-14 Page 5 of 10

| 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 250 | ? | 10' | brx + gg w/ hem-(py)-(cp)? | <.5 | | 247 | 75 | 0 | 67302 | .07 | <.01 | | 1.69 | .001 | | .05? |
| | ND | 260 | 0° to 10°<br>?<br>0° to 30° | $\frac{1}{8}$" to $\frac{1}{4}$" x 3<br>4'<br>hrln x 5 | qtz-chl-py-cp<br>brx w/ carb-((py))<br>qtz-chl-cp-py | <.5 | | 257 | 65 | 23 | 67303 | .41 | .01 | | 2.25 | .008 | | 12? |
| | ND | 270 | 20°<br>40°<br>110° | $\frac{1}{8}$"<br>10"<br>$\frac{1}{4}$" | qtz-chl-(cp)-(py)<br>qtz-Mo-(py)-(cp)<br>qtz-carb-chl-cp-(py) | 0.6 | - most of the py+Mo+cp supplied by a large qtz vein between 263' and 264'. | 267 | 97 | 57 | 67304 | .33 | .01 | | 1.49 | .062 | | .15 |
| | ND | 280 | 40° to 70°<br>40°<br>0°<br>40° | $\frac{1}{8}$" to $\frac{1}{4}$" x 2<br>10"<br>$\frac{1}{8}$"<br>1" | qtz-carb-chl-cp-py<br>qtz-Mo-(cp)-(py)<br>qtz-chl-carb-py-((cp))<br>qtz-carb-py-(cp) | 1.0 | | 277 | 99 | 50 | 67305 | .21 | <.01 | | 2.40 | .054 | | .16 |
| - the Tonalite from 280' to 315' has been deformed to some extent, leaving no visible plag phenocrysts or chl blebs, but the relative quantities of these minerals has not changed much. The chl can mostly be found as thin stringers in some sections moderately crenulated along with other structures | ND | 290 | 20°<br>20°<br>0°<br>20° | $\frac{1}{4}$"<br>$\frac{3}{4}$"<br>$\frac{1}{4}$"<br>hrln x 4 | qtz-chl-carb-py-(cp)<br>cp-qtz-chl-hem<br>qtz-chl-py-(cp)<br>qtz-chl-carb-py-cp | 1.5 | | 287 | 90 | 63 | 67306 | .12 | <.01 | | 2.15 | .004 | | .17 |
| | ND to 0-90 crenulation | 300 | 20° to 30°<br>?<br>0° | hrln to $\frac{1}{8}$" x 10<br>4'<br>$\frac{1}{8}$" | qtz-chl-cp-py<br>brx w/ qtz-Mo-(chl)-(py)-(cp)<br>qtz-Mo-carb-(cp)-(py) | 0.8 | - Good Mo grades supplied by several Mo-rich qtz veins, from 290' to 380'. | 297 | 90 | 43 | 67307 | .31 | <.01 | | 1.87 | .060 | | .25 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

Hole No. 95-14 Page 6 of 10

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG 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. | SAMPLE NUMBER | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - Quartz Sericite Pyrite Chalcopyrite Pyrite Alteration Phase from 308' to 312' | ND to 0°-90° wk crenu | | 310 | | 70°<br>40° | 5'<br>2" | gtz-Mo-chl-cp-py<br>gtz-Mo-chl-carb-cp | 0.7 | | | 307 | 80 | 50 | 67308 | .42 | <.01 | | 1.66 | .173 | | .40 |
| | ND to 0°-90° wk crenu | | 320 | | 0°to90°<br>30°<br>40° | 2'<br>2½'<br>hrln x 4 | gtz-ser-chl-py<br>brx w/ gtz-Mo-py-cp<br>gtz-chl-cp-py | 2.5 | | | 317 | 91 | 30 | 67309 | .33 | .01 | | 1.45 | .047 | | .20 |
| | ND | | 330 | | 40°to60°<br>30°to40°<br>40°<br>40° | ¼"to½"x3<br>hrln x 6<br>⅛"to¼"x2<br>¼" | cp-gtz-(chl)<br>gtz-chl-py-cp<br>gtz-chl-py-(cp)<br>gtz-chl-Mo-(py)-(cp) | <.5 | | | 327 | 94 | 40 | 67310 | .25 | <.01 | | .85 | .005 | | .14 |
| - low chl Tonalite (nearly Leucocratic in some sections), with a wk to str ser component throughout, from 337' to 361'. | ND | | 340 | | 70°<br>40°<br>40°<br>0° | ¼"<br>hrln x 3<br>hrln to⅛" x 7<br>⅛" | gtz-carb-chl<br>gtz-chl-cp-py<br>gtz-ser-cp-carb-py<br>gtz-ser-Mo-cp | <.5 | - mod hem stg ning from 330' to 335' | | 337 | 97 | 27 | 67311 | .35 | <.01 | | .86 | .008 | | .16 |
| | ND | | 350 | | ?<br>40°<br>?<br>70°to80° | 2'<br>⅛"to¼"x4<br>2½'<br>¼"to½"x2 | brx w/ ser-py-cp<br>gtz-ser-cp-(chl)<br>brx w/ ser-(cp)-(py)<br>gtz-(Mo)-(cp)-(py) | 1.5 | | | 347 | 92 | 33 | 67312 | .35 | <.01 | | 1.99 | .012 | | .21 |
| | ND | | 360 | | 40°<br>40°<br>40° | ⅛"x3<br>⅛"<br>⅛" | gtz-cp-py-chl<br>gtz-Mo-chl-(cp)-(py)<br>gtz(vuggy)-chl-(py) | 0.8 | | | 357 | 98 | 73 | 67313 | .24 | <.01 | | 1.12 | .006 | | .19 |

**GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG**

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| ROCK TYPES and ALTERATION | FOLIATION ANGLE & DIVERSITY | GRAPHIC LOG Type Alt. / Footage / Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 370 | 0°<br>40°<br>40°<br>30° | 1"<br>1/16"x2<br>1/8" to 1/4"x2<br>hrln to 1/8"x5 | qtz-mag-chl-cp<br>qtz-chl-cp<br>qtz-mag-chl-(py)-(cp)<br>qtz-chl-py-((cp)) | <.5 | - abundant mag associated with cp+py. | 367 | 99 | 63 | 67314 | .40 | <.01 | | 1.12 | .029 | | .23 |
| | ND | 380 | 30°<br>40°<br>30°<br>40° | hrln x3<br>hrln x8<br>1/8"<br>1/4" | qtz-chl-py-cp<br>qtz-chl-cp<br>qtz-mag-(cp)<br>cp-qtz-chl | ~.6 | - minor Mo in fractures | 377 | 100 | 80 | 67315 | .17 | <.01 | | .62 | .010 | | .11 |
| | ND | 390 | 30°<br>?<br>30°to40°<br>50° | hrln to 1/8"x3<br>1 1/2'<br>hrln to 1/8"x3<br>1/2" | qtz-chl-cp<br>brx + (qs) w/ ser-(cp)<br>qtz-chl-py<br>qtz-py-(chl) | 0.6 | | 387 | 96 | 60 | 67316 | .16 | <.01 | | 1.03 | .004 | | .10 |
| | ND | 400 | 20°to40°<br>0°<br>10° | hrln to 1/8"x12<br>1/2"<br>1/8"x2 | qtz-chl-py-((cp))<br>qtz-py-chl-(cp)<br>qtz(vuggy)-py-chl-(cp) | 2.0 | - high py to cp ratio, with most of the cp intermixed within larger blebs of py. | 397 | 100 | 70 | 67317 | .07 | <.01 | | 1.15 | .005 | | .10 |
| | ND | 410 | 0°to10°<br>40°<br>20°to30° | hrln x4<br>1/2" x2<br>hrln x2 | qtz-chl-cp<br>qtz(vuggy)-carb-cp<br>qtz-chl-cp | <.5 | | 407 | 100 | 73 | 67318 | .32 | <.01 | | .71 | .005 | | .22 |
| | ND | 420 | 40°<br>30°to40°<br>40°to50°<br>0°to30° | 1/8"<br>1/8"x2<br>1/8"x2<br>hrln x3 | qtz-chl-cp-(py)<br>qtz-carb-chl-(py)-(cp)<br>qtz-carb-chl-Mo-cp<br>qtz-chl-cp | <.5 | | 417 | 100 | 77 | 67319 | .28 | <.01 | | .67 | .003 | | .12 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

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BOTTOM DEPTHS

| ZONE | ESTIMATE | ACTUAL |
|---|---|---|
| LEACH CAP | | |
| LEACHABLE OX. | | |
| U.M. ZONE | | |
| SUPERGENE | | |

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG Altn. Type / Footage / Structure | STRUCTURE (veins) ANGLE TO CORE AXIS | STRUCTURE (veins) WIDTH | MINERALIZATION | ESTIMATED % 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 | 430 | 40°<br>50°<br>40° | hrln x 8<br>1/4" x 2<br>hrln to 1/8" x 6 | gtz-chl-cp-py<br>gtz-ser-cp-(py)<br>gtz-ser-chl-cp | <.5 | | 427 | 100 | 43 | 67320 | .34 | <.01 | | .69 | .005 | | .15 |
| mod to str ser + carb altn from 430' to 480 | ND | 440 | 50° to 60°<br>0°<br>30° | hrln to 1/8" x 6<br>3/4"<br>1/8" x 2 | gtz-chl-ser-cp-(py)<br>gtz-carb-chl-cp-Mo<br>gtz-chl-cp-(py) | <.5 | | 437 | 98 | 60 | 67321 | .44 | <.01 | | .85 | .010 | | .27 |
| | ND | 450 | 10° to 20°<br>?<br>20°<br>40° | 1/4" x 2<br>3 1/2'<br>1/4"<br>8" | gtz-ser-chl-cp<br>brx + (gg) w/ ser-(cp)-(py)<br>gtz (vuggy)-chl-carb-cp<br>gtz-Mo-(chl)-(cp) | < 5 | - the Tonalite from 442' to 460' has a 'pitted' or slightly vuggy surface. | 447 | 94 | 33 | 67322 | .76 | <.01 | | 1.24 | .040 | | .25 |
| - a sharp drop in plag coincides with two Quartz Chlorite Sericite Pyrite Chalcopyrite Alteration Phase Sections from 450' to 465'. | ND to 40°-90° wk-mod | 460 | 40°<br>60°<br>70°<br>90° | 4'<br>2'<br>hrln to 1/8" x 15<br>2" | gtz-chl-ser-carb-cp-py<br>gtz-Mo-(chl)-(cp)<br>gtz-chl-cp-carb-py<br>cp-gtz-chl | 0.7 | | 457 | 94 | 57 | 67323 | .90 | <.01 | | 1.74 | .100 | | .40 |
| | ND | 470 | 40° to 50°<br>90°<br>0° | 5'<br>1/8" to 4" x 2<br>1/8" | gtz-chl-ser-carb-cp-py<br>gtz-Mo-(cp)<br>gtz-chl-carb-(cp) | 0.8 | | 467 | 98 | 70 | 67324 | .49 | <.01 | | 1.44 | .060 | | .38 |
| | ND | 480 | 70°<br>40° to 90°<br>40°<br>40° to 80° | 2"<br>hrln to 1/4" x 5<br>1/8" to 1/4" x 3<br>1/8" to 1/4" x 6 | cp-gtz-chl<br>gtz-chl-carb-cp-py<br>gtz-chl-py-cp<br>gtz-chl-carb-py-cp | 1.5 | | 477 | 100 | 77 | 67325 | .15 | <.01 | | 1.87 | .002 | | .22 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-14 Page 9 of 10

| ROCK TYPES and ALTERATION | FOLIATION ANGLE & INTENSITY | GRAPHIC LOG (Type, Axis, 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 (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND to 40° mod | 490 | 40° to 60°<br>40°<br>40° | hrln to 1/3" x 15<br>1/2"<br>hrln x 4 | qtz-chl-py-cp-Mo<br>qtz-chl-cp-Mo<br>qtz-chl-py-cp | 1.5 | | 487 | 95 | 60 | 67326 | .26 | <.01 | | 2.06 | .011 | | .20 |
| | ND to 40° wk | 500 | 40°<br>40°<br>40° to 60°<br>40° | 1/8"<br>1/4" x 3<br>1/8" x 4<br>1/4" | qtz-chl-py-cp<br>qtz-chl-py-(cp)<br>qtz-chl-py-cp<br>qtz (vuggy)-carb | 0.6 | | 497 | 98 | 83 | 67327 | .12 | <.01 | | 1.72 | .005 | | .13 |
| | ND to 70° mod | 510 | 70° to 80°<br>40°<br>40° | hrln to 1/3" x 6<br>1 1/2"<br>1/4" x 2 | qtz-chl-cp-py<br>qtz-carb-chl-(cp)<br>qtz-chl-carb-cp-(Mo) | 0.6 | | 507 | 100 | 80 | 67328 | .29 | <.01 | | 1.32 | .008 | | .19 |
| | ND to 70° wk | 520 | 40°<br>40° to 50°<br>40°<br>40° | hrln x 3<br>hrln x 4<br>1/4"<br>1 1/2" | qtz-chl-cp<br>qtz-chl-carb-cp<br>qtz-chl-(cp)<br>qtz-chl-carb | <.5 | | 517 | 99 | 83 | 67329 | .13 | <.01 | | 1.37 | .005 | | .12 |
| | ND | 530 | 40°<br>40°<br>50°<br>70° | hrln to 1/8" x 4<br>1/2"<br>1/4"<br>1/8" x 2 | qtz-chl-cp-py<br>qtz-carb-chl<br>qtz-py-carb<br>qtz-chl-py | 1.0 | - wk to mod hem staining from 520' to 538' | 527 | 100 | 73 | 67330 | .10 | <.01 | | 1.84 | .003 | | .05 |
| | ND | 540 | 40°<br>40°<br>40° | 1/8" x 2<br>1/4"<br>hrln x 8 | qtz-chl-cp-py<br>qtz-carb-py-((cp))<br>qtz-chl-py-(cp) | 1.0 | | 537 | 100 | 80 | 67331 | .27 | <.01 | | 1.92 | .006 | | .12 |

GIBRALTAR MINES LIMITED (McLEESE LAKE PROPERTY) DIAMOND DRILL LOG

Hole No. 95-14 Page 10 of 10

| ROCK TYPES and ALTERATION | PRIMARY ANGLE & INTENSITY | GRAPHIC LOG Type Alt. 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 | % TCu | % ASCu | % CNSCu | % ASFe | % $MoS_2$ | oz/ton Ag | ESTIMATED TOTAL Cu GRADE (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 550 | 40° to 50°<br>40° to 60°<br>50°<br>40° | hrln to $\frac{1}{4}$" x 4<br>$\frac{1}{8}$" to $\frac{1}{2}$" x 2<br>$\frac{1}{4}$"<br>$\frac{1}{8}$" x 3 | qtz-chl-py-cp<br>qtz-carb-chl-(cp)(py)<br>qtz (vuggy)-chl-cp<br>qtz-chl-py-cp | 0.6 | | | 547 | 100 | 83 | 67332 | .16 | <.01 | | 1.70 | .004 | | .12 |
| | ND | 560 | 40°<br>40° to 50°<br>40° | $\frac{1}{2}$"<br>hrln to $\frac{1}{8}$" x 4<br>$\frac{1}{4}$" to $\frac{1}{2}$" x 2 | qtz (vuggy)-chl-carb-cp<br>qtz-chl-py-cp<br>qtz-chl-cp-carb-py | 0.6 | | | 557 | 100 | 67 | 67333 | .38 | <.01 | | 1.50 | .008 | | .18 |
| | ND | 570 | 40° to 60°<br>40°<br>40°<br>30° | hrln x 4<br>$\frac{1}{8}$" x 2<br>$\frac{1}{2}$"<br>$\frac{1}{4}$" x 2 | qtz-chl-py-cp<br>qtz (vuggy)-chl-carb-cp<br>qtz-chl-cp-carb<br>qtz-cp-chl | <.5 | | | 567 | 100 | 67 | 67334 | .52 | <.01 | | 1.67 | .008 | | .35 |
| | ND | 580 | 40°<br>40°<br>40°<br>0° to 40° | $\frac{1}{8}$" to $\frac{1}{4}$" x 3<br>$\frac{1}{2}$"<br>$\frac{1}{4}$"<br>$\frac{1}{4}$" x 2 | qtz-chl-py-cp<br>qtz-mo-(cp)<br>qtz-carb-cp<br>qtz-chl-py-cp | 1.0 | | | 577 | 96 | 63 | 67335 | .52 | <.01 | | 2.42 | .014 | | .39 |
| | ND | 590 | 40°<br>40°<br>? | 5'<br>$\frac{1}{8}$" x 3<br>2' | qtz-chl-ser-cp-py-Mo<br>qtz-chl-py-(cp)<br>brx w/ ser-cp-py | 1.5 | | | 587 | 85 | 13 | 67336 | .64 | <.01 | | 3.81 | .009 | | .43 |
| | ND | | 40°<br>40° | $\frac{1}{4}$"<br>hrln to $\frac{1}{8}$" x 5 | qtz-py-(cp)-(Mo)<br>qtz-chl-py-(cp) | 1.0 | | | 596 | 95 | 47 | 67337 | .24 | <.01 | | 1.98 | .005 | | .14 |
| | | | | | 596' ★ E.O.H. | | | | | | | | | | | | | | |

## 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

rm. No. [redacted]-1

95-1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date ..... 1. MAY ..... 19. 95.

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 66801 | .04 | .06 | .001 | 0.79 | | 95-1 |
| 02 | .03 | .05 | .001 | 0.69 | | |
| 03 | .06 | .08 | .001 | 0.67 | | |
| 04 | .06 | .07 | .001 | 0.76 | | |
| 05 | .04 | .04 | .003 | 0.64 | | |
| 06 | .12 | .13 | .002 | 0.78 | | |
| 07 | .08 | .09 | .002 | 0.65 | | |
| 08 | .04 | .05 | .001 | 0.48 | | |
| 09 | .04 | .05 | .001 | 0.60 | | |
| 10 | .09 | .11 | .002 | 0.89 | | |
| 11 | .21 | .24 | .002 | 0.81 | | |
| 12 | .10 | .13 | .002 | 1.24 | | |
| 13 | .19 | .21 | .001 | 1.17 | | |
| 14 | .03 | .04 | .002 | 1.09 | | |
| 15 | .04 | .06 | .001 | 1.03 | | |
| 16 | .06 | .09 | .001 | 1.19 | | |
| 17 | .08 | .11 | .001 | 1.24 | | |
| 18 | .20 | .25 | .001 | 1.71 | | |
| 19 | .07 | .10 | .002 | 1.33 | | |
| 20 | .07 | .46 | .005 | 1.53 | | |
| 21 | .04 | .05 | .001 | 0.93 | | |
| 22 | .05 | .07 | .003 | 1.10 | | |
| 23 | .05 | .28 | .073 | 1.11 | | |
| 24 | .07 | .33 | .013 | 1.13 | | |
| 25 | .03 | .16 | .010 | 1.02 | | |
| 26 | <.01 | .09 | .004 | 0.94 | | |
| 27 | <.01 | .35 | .071 | 1.41 | | |
| 28 | <.01 | .11 | .048 | 1.35 | | ✓ |

cc: Assay Lab.

rm. No. Mill - 1

95-1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date 1 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 66829 | .01 | .17 | .009 | 0.92 | | 95-1 |
| 30 | <.01 | .13 | .007 | 0.83 | | |
| 31 | <.01 | .23 | .008 | 1.16 | | |
| 32 | .01 | .46 | .012 | 1.24 | | |
| 33 | <.01 | .23 | .024 | 0.60 | | |
| 34 | <.01 | .11 | .067 | 0.37 | | |
| 35 | .01 | .17 | .021 | 0.38 | | |
| 36 | <.01 | .22 | .020 | 0.46 | | |
| 37 | <.01 | .45 | .119 | 0.75 | TCu | |
| 38 | <.01 | .33 | .070 | 0.92 | checks | |
| 39 | .01 | 1.11 | .033 | 1.65 | .67 | |
| 40 | .01 | .80 | .043 | 1.26 | .62 | |
| 41 | .01 | .52 | .052 | 1.19 | .51 | |
| 42 | .01 | .25 | .031 | 1.10 | | |
| 43 | .01 | .33 | .012 | 1.20 | | |
| 44 | <.01 | .33 | .008 | 1.30 | | |
| 45 | .01 | .38 | .036 | 1.31 | | |
| 46 | <.01 | .43 | .026 | 2.05 | | |
| 47 | .01 | .19 | .005 | 1.43 | | |
| 48 | .01 | .17 | .005 | 1.20 | | |
| 49 | <.01 | .16 | .005 | 0.97 | | |
| 50 | <.01 | .30 | .014 | 0.91 | | |
| 51 | <.01 | .36 | .026 | 0.98 | | |
| 52 | <.01 | .17 | .004 | 0.59 | | |
| | | | | | | |
| 66861 | .02 | .10 | .001 | 0.79 | | |
| 62 | .04 | .12 | .002 | 1.02 | | |
| 63 | .07 | .14 | .006 | 1.17 | | |
| 64 | .02 | .03 | .001 | 0.42 | | |

cc: Assay Lab.

Form. No. Mill - 1

95-1 check assays

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 3 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 66893 | <.01 | .12 | .023 | 1.13 | | |
| 94 | <.01 | .14 | .029 | 1.52 | | |
| 95 | <.01 | .33 | .007 | 1.33 | | |
| 96 | <.01 | .10 | .003 | 1.08 | | |
| 97 | .01 | .09 | .008 | 1.30 | | |
| 98 | .01 | .49 | .004 | 1.43 | | |
| 99 | .01 | .07 | .027 | .84 | | |
| 66900 | <.01 | .10 | .012 | .94 | | |
| 01 | <.01 | .41 | .023 | 1.29 | | |
| 02 | .01 | .17 | .009 | .82 | | |
| 03 | .02 | .18 | .010 | 1.03 | | |
| 04 | .01 | .14 | .021 | 1.00 | | |
| 05 | .01 | .08 | .005 | 1.04 | | |
| 06 | .01 | .09 | .002 | .74 | | |
| | | | | | | |
| 66839 | | .67 | | | | |
| 40 CHECKS | | .62 | | | | 95-1 |
| 41 | | .51 | | | | |

cc: Assay Lab.

Assayer D.A.W.

Assayer D.A.W.

rm. No. Mill - 1

95-2

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 1 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 66829 | .01 | .17 | .009 | 0.92 | | |
| 30 | <.01 | .13 | .007 | 0.83 | | |
| 31 | <.01 | .23 | .008 | 1.16 | | |
| 32 | .01 | .46 | .012 | 1.24 | | |
| 33 | <.01 | .23 | .024 | 0.60 | | |
| 34 | <.01 | .11 | .067 | 0.37 | | |
| 35 | .01 | .17 | .021 | 0.38 | | |
| 36 | <.01 | .22 | .020 | 0.46 | | |
| 37 | <.01 | .45 | .119 | 0.75 | | |
| 38 | <.01 | .33 | .070 | 0.92 | | |
| 39 | .01 | 1.11 | .033 | 1.65 | | |
| 40 | .01 | .80 | .043 | 1.26 | | |
| 41 | .01 | .52 | .052 | 1.19 | | |
| 42 | .01 | .25 | .031 | 1.10 | | |
| 43 | .01 | .33 | .012 | 1.20 | | |
| 44 | <.01 | .33 | .008 | 1.30 | | |
| 45 | .01 | .38 | .036 | 1.31 | | |
| 46 | <.01 | .43 | .026 | 2.05 | | |
| 47 | .01 | .19 | .005 | 1.43 | | |
| 48 | .01 | .17 | .005 | 1.20 | | |
| 49 | <.01 | .16 | .005 | 0.97 | | |
| 50 | <.01 | .30 | .014 | 0.91 | | |
| 51 | <.01 | .36 | .026 | 0.98 | | |
| 52 | <.01 | .17 | .004 | 0.59 | | |
| | | | | | | |
| 66861 | .02 | .10 | .001 | 0.79 | — | 95-2 |
| 62 | .04 | .12 | .002 | 1.02 | — | |
| 63 | .07 | .14 | .006 | 1.17 | — | |
| 64 | .02 | .03 | .001 | 0.42 | — | |

cc: Assay Lab.

Assayer D.A.W.

rm. No. Mill - 1

95-2

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 3. MAY 19.95.

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | 95-2 |
| 66865 | .02 | .03 | .001 | .55 | | |
| 66 | .02 | .06 | .002 | .58 | | |
| 67 | .05 | .10 | .005 | 1.12 | | |
| 68 | .02 | .04 | .001 | 1.49 | | |
| 69 | .03 | .07 | .001 | 1.10 | | |
| 70 | .02 | .02 | <.001 | .97 | | |
| 71 | .03 | .04 | .001 | .96 | | |
| 72 | .02 | .03 | .004 | 1.24 | | |
| 73 | .03 | .04 | .003 | 1.52 | | |
| 74 | .19 | .25 | .023 | 2.43 | | |
| 75 | .08 | .11 | .014 | 2.12 | | |
| 76 | .14 | .19 | .015 | 2.33 | | |
| 77 | .08 | .09 | .004 | 1.40 | | |
| 78 | .07 | .12 | .007 | 1.17 | | |
| 79 | .03 | .06 | .021 | 1.10 | | |
| 80 | .02 | .14 | .038 | 1.10 | | |
| 81 | .01 | .23 | .012 | 1.30 | | |
| 82 | .01 | .09 | .008 | 1.36 | | |
| 83 | .02 | .13 | .011 | 1.93 | | |
| 84 | .01 | .18 | .014 | 1.70 | | |
| 85 | .01 | .23 | .010 | 1.11 | | |
| 86 | .01 | .20 | .015 | 1.09 | | |
| 87 | <.01 | .16 | .034 | 1.26 | | |
| 88 | <.01 | .17 | .014 | .99 | | |
| 89 | <.01 | .20 | .018 | .91 | | |
| 90 | <.01 | .46 | .019 | 1.28 | | |
| 91 | <.01 | .20 | .053 | 1.16 | | |
| 92 | <.01 | .20 | .027 | .99 | | |

cc: Assay Lab.

95-2

Form No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 3 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | 95-2 |
| 66893 | <.01 | .12 | .023 | 1.13 | | |
| 94 | <.01 | .14 | .029 | 1.52 | | |
| 95 | <.01 | .33 | .007 | 1.33 | | |
| 96 | <.01 | .10 | .003 | 1.08 | | |
| 97 | .01 | .09 | .008 | 1.30 | | |
| 98 | .01 | .49 | .004 | 1.43 | | |
| 99 | .01 | .07 | .027 | .84 | | |
| 66900 | <.01 | .10 | .012 | .94 | | |
| 01 | <.01 | .41 | .023 | 1.29 | | |
| 02 | .01 | .17 | .009 | .82 | | |
| 03 | .02 | .18 | .010 | 1.03 | | |
| 04 | .01 | .14 | .021 | 1.00 | | |
| 05 | .01 | .08 | .005 | 1.04 | | |
| 06 | .01 | .09 | .002 | .74 | | |
| | | | | | | |
| 66839 | | .67 | | | | |
| 40 CHECKS | | .62 | | | | |
| 41 | | .51 | | | | |

cc: Assay Lab.

rm. No. Mill - 1

95-3

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 4 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | 95-3 |
| 66911 | .15 | .17 | .003 | 1.25 | | |
| 12 | .19 | .22 | .003 | 1.03 | | |
| 13 | .17 | .20 | .006 | 1.16 | | |
| 14 | .21 | .25 | .003 | 0.70 | | |
| 15 | .07 | .12 | .011 | 1.07 | | |
| 16 | .06 | .12 | .008 | 0.90 | | |
| 17 | .05 | .09 | .006 | 0.76 | | |
| 18 | .08 | .11 | .026 | 0.72 | | |
| 19 | .07 | .11 | .029 | 0.87 | | |
| 20 | .09 | .21 | .025 | 1.82 | | |
| 21 | .12 | .27 | .016 | 1.65 | | |
| 22 | .10 | .17 | .012 | 1.14 | | |
| 23 | .06 | .08 | .009 | 0.68 | | |
| 24 | .17 | .23 | .015 | 1.50 | | |
| 25 | .17 | .24 | .014 | 1.83 | | |
| 26 | .19 | .59 | .016 | 0.98 | | |
| 27 | .19 | .33 | .005 | 1.21 | | |
| 28 | .24 | .70 | .014 | 1.33 | | |
| 29 | .10 | .39 | .010 | 1.08 | | |
| 30 | .02 | .45 | .004 | 1.01 | | |
| 31 | .01 | .32 | .002 | 0.98 | | |
| 32 | .01 | .42 | .002 | 1.32 | | |
| 33 | .01 | .23 | .002 | 0.95 | | |
| 34 | .01 | .52 | .008 | 1.20 | | |
| 35 | .01 | .42 | .003 | 1.13 | | |
| 36 | .01 | .60 | .002 | 2.12 | | |
| 37 | .01 | .49 | .003 | 1.41 | | |
| 38 | .01 | .53 | .004 | 1.31 | | |

cc: Assay Lab.

Assayer D. A. W.

rm. No. Mill - 1

95-3

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 7 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | 95-3 |
| 66939 | .01 | .37 | .004 | 1.30 | | |
| 40 | .01 | .38 | .003 | 1.16 | | |
| 41 | <.01 | .12 | .001 | 1.19 | | |
| 42 | .01 | .25 | .002 | 2.22 | | |
| 43 | <.01 | .08 | .002 | 2.13 | | |
| 44 | <.01 | .21 | .003 | 1.84 | | |
| 45 | <.01 | .18 | .002 | 1.53 | | |
| 46 | <.01 | .24 | .028 | 1.81 | | |
| 47 | <.01 | .40 | .007 | 1.70 | | |
| 48 | <.01 | .10 | .001 | 0.79 | | |
| 49 | <.01 | .24 | .002 | 1.26 | | |
| 50 | .01 | .77 | .034 | 3.04 | | |
| 51 | <.01 | .22 | .003 | 0.94 | | |
| 52 | <.01 | .17 | .001 | 1.22 | | |
| 53 | <.01 | .26 | .007 | 1.19 | | |
| 54 | <.01 | .07 | .002 | 0.27 | | |
| 55 | <.01 | .62 | .012 | 0.90 | | |
| | | | | | | |
| 67001 | .06 | .11 | .002 | 1.55 | | |
| 02 | .08 | .13 | .003 | 1.55 | | |
| 03 | .13 | .15 | .001 | 0.91 | | |
| 04 | .08 | .09 | .002 | 1.00 | | |
| 05 | .29 | .33 | .001 | 1.12 | | |
| 06 | .11 | .15 | .003 | 0.93 | | |
| 07 | .05 | .08 | .004 | 0.61 | | |
| 08 | .07 | .10 | .004 | 0.94 | | |
| 09 | .12 | .14 | .007 | 1.01 | | |
| 10 | .07 | .09 | .001 | 0.90 | | |
| 11 | .05 | .11 | .004 | 1.15 | | |

cc: Assay Lab.

Assayer D.A.W.

m. No. Mill - 1

95-3

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Date May 11 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | %Fe | | |
|---|---|---|---|---|---|---|
| 67050 | <.01 | .02 | <.001 | 1.37 | | |
| 51 | | .02 | <.001 | 1.42 | | |
| 52 | | .01 | <.001 | .78 | | |
| 53 | | .03 | <.001 | 1.04 | | |
| 54 | | .15 | <.001 | 1.52 | | |
| 55 | | .03 | <.001 | 1.02 | | |
| | | | | | | 95-3 |
| 66956 | <.01 | .18 | .007 | .46 | | |
| 57 | | .22 | .009 | .48 | | |
| 58 | | .24 | .005 | .56 | | |
| 59 | | .25 | .003 | .76 | | |
| 60 | | .59 | .062 | .76 | | |
| 61 | | .16 | <.001 | .43 | | |
| 62 | | .06 | .002 | .64 | | |
| 63 | | .05 | <.001 | .48 | | |
| 64 | | .06 | .001 | .77 | | |
| 65 | | .14 | .002 | 1.06 | | |
| 66 | | .07 | <.001 | 1.09 | | |
| 67 | | .06 | .002 | 1.04 | | |
| 68 | | .07 | .001 | 1.18 | | |
| 69 | | .21 | .009 | 1.83 | | |
| 70 | | .41 | .006 | 1.18 | | |
| 71 | | .18 | .001 | 1.60 | | |
| 72 | | .15 | .003 | 1.75 | | |
| 73 | | .07 | .001 | 1.26 | | |
| | | | | | | |
| 67031 | <.01 | .13 | .004 | 1.22 | | |
| 32 | | .29 | .009 | .93 | | |
| 33 | | .09 | .001 | .78 | | |
| 34 | | .06 | .001 | .82 | | |

cc: Assay Lab.

Assayer D. A. W.

Assayer

Form No. Mill - 1

95-4

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 7 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 66939 | .01 | .37 | .004 | 1.30 | | |
| 40 | .01 | .38 | .003 | 1.16 | | |
| 41 | <.01 | .12 | .001 | 1.19 | | |
| 42 | .01 | .25 | .002 | 2.22 | | |
| 43 | <.01 | .08 | .002 | 2.13 | | |
| 44 | <.01 | .21 | .003 | 1.84 | | |
| 45 | <.01 | .18 | .002 | 1.53 | | |
| 46 | <.01 | .24 | .028 | 1.81 | | |
| 47 | <.01 | .40 | .007 | 1.70 | | |
| 48 | <.01 | .10 | .001 | 0.79 | | |
| 49 | <.01 | .24 | .002 | 1.26 | | |
| 50 | .01 | .77 | .034 | 3.04 | | |
| 51 | <.01 | .22 | .003 | 0.94 | | |
| 52 | <.01 | .17 | .001 | 1.22 | | |
| 53 | <.01 | .26 | .007 | 1.19 | | |
| 54 | <.01 | .07 | .002 | 0.27 | | |
| 55 | <.01 | .62 | .012 | 0.90 | | |
| | | | | | | 95-4 |
| 67001 | .06 | .11 | .002 | 1.55 | | |
| 02 | .08 | .13 | .003 | 1.55 | | |
| 03 | .13 | .15 | .001 | 0.91 | | |
| 04 | .08 | .09 | .002 | 1.00 | | |
| 05 | .29 | .33 | .001 | 1.12 | | |
| 06 | .11 | .15 | .003 | 0.93 | | |
| 07 | .05 | .08 | .004 | 0.61 | | |
| 08 | .07 | .10 | .004 | 0.94 | | |
| 09 | .12 | .14 | .007 | 1.01 | | |
| 10 | .07 | .09 | .001 | 0.90 | | |
| 11 | .05 | .11 | .004 | 1.15 | | |

cc: Assay Lab.

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

Form. No. Mill - 1

95-4

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Hole #4 & #5

Date May 09 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | | | |
|---|---|---|---|---|---|---|
| 67012 | .18 | .25 | .004 | 1.58 | | 95-4 |
| 13 | .04 | .35 | .011 | 1.50 | | |
| 14 | .01 | .50 | .019 | 2.26 | | |
| 15 | .01 | .41 | .038 | 1.52 | | |
| 16 | <.01 | .29 | .020 | .65 | | |
| 17 | <.01 | .25 | .012 | .60 | | |
| 18 | <.01 | .15 | .019 | .70 | | |
| 19 | <.01 | .31 | .042 | .80 | | |
| 20 | <.01 | .17 | .010 | .75 | | |
| 21 | <.01 | .09 | .003 | .87 | | |
| 22 | .02 | .25 | .004 | 1.08 | | |
| 23 | .01 | .32 | .011 | 1.27 | | |
| 24 | <.01 | .06 | .003 | .93 | | |
| 25 | <.01 | .11 | .002 | 1.38 | | |
| 26 | <.01 | .12 | .004 | .90 | | |
| 27 | <.01 | .06 | .004 | .67 | | |
| 28 | <.01 | .12 | .006 | .79 | | |
| 29 | .02 | .38 | .027 | 1.20 | | |
| 30 | .01 | .30 | .008 | 1.18 | | |
| | | | | | | |
| 67041 | .09 | .13 | .004 | 1.46 | | |
| 42 | .01 | .04 | .002 | 1.12 | | |
| 43 | .02 | .05 | .001 | 1.22 | | |
| 44 | .01 | .02 | .001 | .93 | | |
| 45 | .01 | .04 | .001 | 1.00 | | |
| 46 | .03 | .34 | .007 | .72 | | |
| 47 | .09 | .21 | .001 | .80 | | |
| 48 | .41 | .52 | .002 | 1.81 | | |
| 49 | .13 | .23 | .002 | 2.01 | | |

cc: Assay Lab.

Assayer JJ

Form. No. Mill - 1

95-4

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Date May 11 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | %Fe | | |
|---|---|---|---|---|---|---|
| 67050 | <.01 | .02 | <.001 | 1.37 | | |
| 51 | | .02 | <.001 | 1.42 | | |
| 52 | | .01 | <.001 | .78 | | |
| 53 | | .03 | <.001 | 1.04 | | |
| 54 | | .15 | <.001 | 1.52 | | |
| 55 | | .03 | <.001 | 1.02 | | |
| | | | | | | |
| 66956 | <.01 | .18 | .007 | .46 | | |
| 57 | | .22 | .009 | .48 | | |
| 58 | | .24 | .005 | .56 | | |
| 59 | | .25 | .003 | .76 | | |
| 60 | | .59 | .062 | .76 | | |
| 61 | | .16 | <.001 | .43 | | |
| 62 | | .06 | .002 | .64 | | |
| 63 | | .05 | <.001 | .48 | | |
| 64 | | .06 | .001 | .77 | | |
| 65 | | .14 | .002 | 1.06 | | |
| 66 | | .07 | <.001 | 1.09 | | |
| 67 | | .06 | .002 | 1.04 | | |
| 68 | | .07 | .001 | 1.18 | | |
| 69 | | .21 | .009 | 1.83 | | |
| 70 | | .41 | .006 | 1.18 | | |
| 71 | | .18 | .001 | 1.60 | | |
| 72 | | .15 | .003 | 1.75 | | |
| 73 | | .07 | .001 | 1.26 | | |
| | | | | | | |
| 67031 | <.01 | .13 | .006 | 1.22 | | 95-4 |
| 32 | | .29 | .009 | .93 | | |
| 33 | | .09 | .001 | .78 | | |
| 34 | | .06 | .001 | .82 | | |

cc: Assay Lab.

Assayer

Assayer

Form. No. Mill - 1

95-4

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 10 19 95

95-4

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67035 | .01 | .35 | .001 | 3.40 | | |
| 36 | <.01 | .03 | .001 | 1.16 | | |
| 37 | <.01 | .03 | .001 | 1.15 | | |
| 38 | <.01 | .08 | .001 | 1.16 | | |
| 39 | <.01 | .02 | .001 | .87 | | |
| 40 | <.01 | .02 | .001 | .80 | | |
| | | | | | | |
| 67056 | <.01 | .02 | .001 | 1.24 | | |
| 57 | <.01 | .01 | <.001 | 1.19 | | |
| 58 | <.01 | .01 | .001 | 1.58 | | |
| 59 | <.01 | .05 | <.001 | 1.83 | | |
| 60 | <.01 | .06 | <.001 | 1.88 | | |
| 61 | <.01 | .06 | <.001 | 1.58 | | |
| 62 | <.01 | .05 | .001 | 2.64 | | |
| 63 | .02 | .98 | .007 | 3.79 | | |
| 64 | <.01 | .06 | .001 | 1.99 | | |
| 65 | <.01 | .15 | <.001 | 2.14 | | |
| | | | | | | |
| 67111 | .08 | .15 | .001 | 1.72 | | |
| 12 | .16 | .38 | .035 | 5.22 | | |
| 13 | .02 | .08 | .004 | 2.35 | | |
| 14 | .04 | .08 | <.001 | 2.14 | | |
| 15 | .13 | .25 | <.001 | 1.44 | | |
| 16 | .01 | .04 | <.001 | .80 | | |
| 17 | <.01 | .02 | <.001 | .57 | | |
| 18 | <.01 | .03 | <.001 | .76 | | |
| 19 | <.01 | .02 | <.001 | .85 | | |
| 20 | .01 | .04 | <.001 | 1.03 | | |
| | | | | | | |
| 67071 | .04 | .05 | .001 | .90 | | |
| 72 | .05 | .08 | .001 | 1.34 | | |
| | | | | | | |
| | | | | | | |

cc: Assay Lab.

Assayer JJ

Assayer JJ

Form. No. Mill - 1

95-5

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Hole #4 & #5

Date May 09 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | | | |
|---|---|---|---|---|---|---|
| 67012 | .18 | .25 | .004 | 1.58 | | |
| 13 | .04 | .35 | .011 | 1.50 | | |
| 14 | .01 | .50 | .019 | 2.26 | | |
| 15 | .01 | .41 | .038 | 1.52 | | |
| 16 | <.01 | .29 | .020 | .65 | | |
| 17 | <.01 | .25 | .012 | .60 | | |
| 18 | <.01 | .15 | .019 | .70 | | |
| 19 | <.01 | .31 | .042 | .80 | | |
| 20 | <.01 | .17 | .010 | .75 | | |
| 21 | <.01 | .09 | .003 | .87 | | |
| 22 | .02 | .25 | .004 | 1.08 | | |
| 23 | .01 | .32 | .011 | 1.27 | | |
| 24 | <.01 | .06 | .003 | .93 | | |
| 25 | <.01 | .11 | .002 | 1.38 | | |
| 26 | <.01 | .12 | .004 | .30 | | |
| 27 | <.01 | .06 | .004 | .07 | | |
| 28 | <.01 | .12 | .006 | .19 | | |
| 29 | .02 | .38 | .027 | 1.20 | | |
| 30 | .01 | .30 | .008 | 1.18 | | |
| | | | | | | 95-5 |
| 67041 | .09 | .13 | .004 | 1.46 | | |
| 42 | .01 | .04 | .002 | 1.12 | | |
| 43 | .02 | .05 | .001 | 1.22 | | |
| 44 | .01 | .02 | .001 | .93 | | |
| 45 | .01 | .04 | .001 | 1.00 | | |
| 46 | .03 | .34 | .007 | .76 | | |
| 47 | .09 | .21 | .001 | .80 | | |
| 48 | .41 | .52 | .002 | 1.81 | | |
| 49 | .13 | .23 | .002 | 2.01 | | |

cc: Assay Lab.

Assayer JJ Assayer JJ

Form. No. Mill - 1

95-5

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Date May 11 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | %Fe | | 95-5 |
|---|---|---|---|---|---|---|
| 67050 | <.01 | .02 | <.001 | 1.37 | | |
| 51 | | .02 | <.001 | 1.42 | | |
| 52 | | .01 | <.001 | .78 | | |
| 53 | | .03 | <.001 | 1.04 | | |
| 54 | | .15 | <.001 | 1.52 | | |
| 55 | | .03 | <.001 | 1.02 | | |
| | | | | | | |
| 66956 | <.01 | .18 | .007 | .46 | | |
| 57 | | .22 | .009 | .48 | | |
| 58 | | .24 | .005 | .56 | | |
| 59 | | .25 | .003 | .76 | | |
| 60 | | .59 | .062 | .76 | | |
| 61 | | .16 | <.001 | .43 | | |
| 62 | | .06 | .002 | .64 | | |
| 63 | | .05 | <.001 | .49 | | |
| 64 | | .06 | .001 | .77 | | |
| 65 | | .14 | .002 | 1.06 | | |
| 66 | | .07 | <.001 | 1.09 | | |
| 67 | | .06 | .002 | 1.04 | | |
| 68 | | .07 | .001 | 1.18 | | |
| 69 | | .21 | .009 | 1.83 | | |
| 70 | | .41 | .006 | 1.16 | | |
| 71 | | .18 | .001 | 1.60 | | |
| 72 | | .15 | .003 | 1.75 | | |
| 73 | | .07 | .001 | 1.26 | | |
| | | | | | | |
| 67031 | <.01 | .13 | .004 | 1.22 | | |
| 32 | | .29 | .009 | .93 | | |
| 33 | | .09 | .001 | .78 | | |
| 34 | | .06 | .001 | .82 | | |

cc: Assay Lab.

Assayer

Form. No. Mill - 1

95-5

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 10 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| 67035 | .01 | .35 | .001 | 3.40 | | |
| 36 | <.01 | .03 | .001 | 1.16 | | |
| 37 | <.01 | .03 | .001 | 1.15 | | |
| 38 | <.01 | .08 | .001 | 1.16 | | |
| 39 | <.01 | .02 | .001 | .87 | | |
| 40 | <.01 | .02 | .001 | .80 | | |
| | | | | | | 95-5 |
| 67056 | <.01 | .02 | .001 | 1.24 | | |
| 57 | <.01 | .01 | <.001 | 1.19 | | |
| 58 | <.01 | .01 | .001 | 1.58 | | |
| 59 | <.01 | .05 | <.001 | 1.83 | | |
| 60 | <.01 | .06 | <.001 | 1.88 | | |
| 61 | <.01 | .06 | <.001 | 1.58 | | |
| 62 | <.01 | .05 | .001 | 2.64 | | |
| 63 | .02 | .98 | .007 | 3.79 | | |
| 64 | <.01 | .06 | .001 | 1.99 | | |
| 65 | <.01 | .15 | <.001 | 2.14 | | |
| | | | | | | |
| 67111 | .08 | .15 | .001 | 1.72 | | |
| 12 | .16 | .38 | .035 | 5.22 | | |
| 13 | .02 | .08 | .004 | 2.35 | | |
| 14 | .04 | .08 | <.001 | 2.14 | | |
| 15 | .13 | .25 | <.001 | 1.44 | | |
| 16 | .01 | .04 | <.001 | .80 | | |
| 17 | <.01 | .02 | <.001 | .57 | | |
| 18 | <.01 | .03 | <.001 | .76 | | |
| 19 | <.01 | .02 | <.001 | .85 | | |
| 20 | .01 | .04 | <.001 | 1.03 | | |
| | | | | | | |
| 67071 | .04 | .05 | .001 | .90 | | |
| 72 | .05 | .08 | .001 | 1.34 | | |
| | | | | | | |
| | | | | | | |

cc: Assay Lab.

Assayer ..... Assayer ..... Assayer JJ

Form. No. Mill - 1

95-6

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 10 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67035 | .01 | .35 | .001 | 3.40 | | |
| 36 | <.01 | .03 | .001 | 1.16 | | |
| 37 | <.01 | .03 | .001 | 1.15 | | |
| 38 | <.01 | .08 | .001 | 1.16 | | |
| 39 | <.01 | .02 | .001 | .87 | | |
| 40 | <.01 | .02 | .001 | .80 | | |
| | | | | | | |
| 67056 | <.01 | .02 | .001 | 1.24 | | |
| 57 | <.01 | .01 | <.001 | 1.19 | | |
| 58 | <.01 | .01 | .001 | 1.58 | | |
| 59 | <.01 | .05 | <.001 | 1.83 | | |
| 60 | <.01 | .06 | <.001 | 1.88 | | |
| 61 | <.01 | .06 | <.001 | 1.58 | | |
| 62 | <.01 | .05 | .001 | 2.64 | | |
| 63 | .02 | .98 | .007 | 3.79 | | |
| 64 | <.01 | .06 | .001 | 1.99 | | |
| 65 | <.01 | .15 | <.001 | 2.14 | | |
| | | | | | | 95-6 |
| 67111 | .08 | .15 | .001 | 1.72 | | |
| 12 | .16 | .38 | .035 | 5.22 | | |
| 13 | .02 | .08 | .004 | 2.35 | | |
| 14 | .04 | .08 | <.001 | 2.14 | | |
| 15 | .13 | .25 | <.001 | 1.44 | | |
| 16 | .01 | .04 | <.001 | .80 | | |
| 17 | <.01 | .02 | <.001 | .57 | | |
| 18 | <.01 | .03 | <.001 | .76 | | |
| 19 | <.01 | .02 | <.001 | .85 | | |
| 20 | .01 | .04 | <.001 | 1.03 | | |
| | | | | | | |
| 67071 | .04 | .05 | .001 | .90 | | |
| 72 | .05 | .08 | .001 | 1.34 | | |
| | | | | | | |
| | | | | | | |

cc: Assay Lab.

Assayer JJ

rm. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

95-6

EXPLORATION

Date 16 MAY 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 67121 | .02 | .05 | .001 | 1.59 | | 95-6 |
| 22 | <.01 | .01 | <.001 | 2.40 | | |
| 23 | <.01 | .03 | .001 | 2.58 | | |
| 24 | <.01 | .04 | .001 | 2.16 | | |
| 25 | .01 | .05 | .001 | 2.49 | | |
| 26 | .02 | .15 | .013 | 2.46 | | |
| 27 | .01 | .18 | .001 | 2.89 | | |
| 28 | .01 | .12 | .002 | 3.51 | | |
| 29 | .04 | .74 | .020 | 4.72 | | ✓ |
| | | | | | | |
| 67188 | .01 | .35 | .046 | 2.86 | | |
| 89 | .01 | .61 | .021 | 2.89 | | |
| 90 | <.01 | .48 | .008 | 3.06 | | |
| 91 | .01 | .26 | .006 | 2.57 | | |
| 92 | .01 | .19 | .002 | 2.50 | | |
| 93 | <.01 | .03 | .002 | 2.11 | | |
| 94 | <.01 | .12 | .001 | 2.23 | | |
| 95 | <.01 | .10 | .002 | 2.47 | | |
| 96 | <.01 | .03 | .001 | 1.56 | | |
| 97 | <.01 | .01 | .001 | 2.02 | | |
| 98 | <.01 | .01 | .001 | 1.45 | | |
| 99 | <.01 | .02 | <.001 | 2.67 | | |
| 67200 | <.01 | .05 | .002 | 3.29 | | |
| 01 | .01 | .05 | .001 | 2.49 | | |
| 02 | <.01 | .12 | .001 | 2.80 | | |
| 03 | <.01 | .08 | .001 | 2.04 | | |
| 04 | <.01 | .02 | <.001 | 1.59 | | |
| 05 | <.01 | .12 | .002 | 1.96 | | |

cc: Assay Lab.

rm. No. Mill - 1

95-6

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date .....18...MAY...1995.

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 67130 | .01 | .29 | .003 | 1.52 | | 95-6 |
| 31 | <.01 | .07 | .002 | 1.00 | | |
| 32 | <.01 | .09 | .003 | 1.59 | | |
| 33 | <.01 | .07 | .002 | 1.98 | | |
| 34 | <.01 | .05 | .002 | 1.40 | | |
| 35 | <.01 | .03 | .001 | 1.07 | | |
| | | | | | | |
| 67241 | .05 | .07 | .002 | 0.70 | | |
| 42 | .08 | .10 | .002 | 0.66 | | |
| 43 | .13 | .14 | .001 | 0.89 | | |
| 44 | .23 | .26 | .002 | 0.89 | | |
| 45 | .13 | .13 | <.001 | 0.78 | | |
| 46 | .21 | .22 | .004 | 0.84 | | |
| 47 | .12 | .13 | .001 | 0.64 | | |
| 48 | .32 | .36 | .003 | 0.68 | | |
| 49 | .09 | .11 | .001 | 0.49 | | |
| 50 | .11 | .15 | .002 | 0.72 | | |
| 51 | .12 | .16 | .001 | 0.82 | | |
| 52 | .25 | .29 | .003 | 0.61 | | |
| 53 | .20 | .24 | .002 | 0.52 | | |
| 54 | .20 | .23 | .002 | 0.60 | | |
| | | | | | | |
| 67211 | .47 | .57 | .002 | 1.17 | | |
| 12 | .47 | .57 | .003 | 1.30 | | |
| 13 | .21 | .30 | .003 | 1.59 | | |
| 14 | .21 | .24 | .003 | 1.30 | | |
| 15 | .09 | .15 | .005 | 1.74 | | |
| 16 | .05 | .08 | .003 | 1.45 | | |
| 17 | .04 | .07 | .004 | 1.14 | | |
| 18 | .05 | .07 | .003 | 0.90 | | |
| | | | | | | |
| | | | | | | |

cc: Assay Lab.

Assayer .....  Assayer .....  Assayer D. A. [illegible]

Form. No. Mill - 1

95-7

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 10 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe. | | |
|---|---|---|---|---|---|---|
| 67035 | .01 | .35 | .001 | 3.40 | | |
| 36 | <.01 | .03 | .001 | 1.16 | | |
| 37 | <.01 | .03 | .001 | 1.15 | | |
| 38 | <.01 | .08 | .001 | 1.16 | | |
| 39 | <.01 | .02 | .001 | .87 | | |
| 40 | <.01 | .02 | .001 | .80 | | |
| | | | | | | |
| 67056 | <.01 | .02 | .001 | 1.24 | | |
| 57 | <.01 | .01 | <.001 | 1.19 | | |
| 58 | <.01 | .01 | .001 | 1.58 | | |
| 59 | <.01 | .05 | <.001 | 1.83 | | |
| 60 | <.01 | .06 | <.001 | 1.88 | | |
| 61 | <.01 | .06 | <.001 | 1.58 | | |
| 62 | <.01 | .05 | .001 | 2.64 | | |
| 63 | .02 | .98 | .007 | 3.79 | | |
| 64 | <.01 | .06 | .001 | 1.99 | | |
| 65 | <.01 | .15 | <.001 | 2.14 | | |
| | | | | | | |
| 67111 | .08 | .15 | .001 | 1.72 | | |
| 12 | .16 | .38 | .035 | 5.22 | | |
| 13 | .02 | .08 | .004 | 2.35 | | |
| 14 | .04 | .08 | <.001 | 2.14 | | |
| 15 | .13 | .25 | <.001 | 1.44 | | |
| 16 | .01 | .04 | <.001 | .80 | | |
| 17 | <.01 | .02 | <.001 | .57 | | |
| 18 | <.01 | .03 | <.001 | .76 | | |
| 19 | <.01 | .02 | <.001 | .85 | | |
| 20 | .01 | .04 | <.001 | 1.03 | | |
| | | | | | | |
| 67071 | .04 | .05 | .001 | .90 | | 95-7 |
| 72 | .05 | .08 | .001 | 1.34 | | |
| | | | | | | |
| | | | | | | |

cc: Assay Lab.

Assayer .....

Assayer JJ

Form. No. Mill - 1

95-7

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 12 19 95

95-7

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67073 | .07 | .10 | .013 | 1.28 | | |
| 74 | .02 | .05 | <.001 | .73 | | |
| 75 | .18 | .23 | .003 | 1.26 | | |
| 76 | .04 | .09 | .002 | 1.31 | | |
| 77 | .02 | .09 | .001 | 1.02 | | |
| 78 | .02 | .08 | <.001 | 1.35 | | |
| 79 | .07 | .22 | .002 | 1.37 | | |
| 80 | .02 | .19 | .003 | 1.94 | | |
| 81 | .02 | .20 | .003 | 1.21 | | |
| 82 | .01 | .19 | .003 | 1.66 | | |
| 83 | <.01 | .13 | .002 | 1.48 | | |
| 84 | <.01 | .08 | .002 | .82 | | |
| 85 | <.01 | .08 | .006 | .65 | | |
| 86 | <.01 | .10 | .001 | .70 | | |
| 87 | <.01 | .12 | .005 | 1.18 | | |
| 88 | .01 | .33 | .005 | 1.81 | | |
| 89 | <.01 | .20 | .001 | 1.65 | | |
| 90 | <.01 | .23 | .001 | 1.38 | | |
| 91 | <.01 | .04 | <.001 | .71 | | |
| 92 | <.01 | .07 | <.001 | .93 | | |
| 93 | .02 | .13 | .004 | 1.73 | | |
| 94 | .10 | .68 | .009 | 1.34 | | |
| 95 | .25 | .77 | .008 | 1.84 | | |
| 96 | <.01 | .10 | .001 | .81 | | |
| 97 | <.01 | .36 | .003 | .96 | | |
| 98 | <.01 | .03 | <.001 | .95 | | |
| 99 | <.01 | .02 | <.001 | .90 | | |
| 100 | <.01 | .15 | .005 | 1.94 | | |

cc: Assay Lab.

Assayer

Assayer

Form. No. Mill - 1

2 blw

95-7

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

Exploration

Date May 12 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | As Fe | | 95-7 |
|---|---|---|---|---|---|---|
| 67101 | <.01 | .02 | .002 | 1.14 | | |
| 02 | <.01 | .22 | .003 | 1.15 | | |
| 03 | <.01 | .19 | .035 | .85 | | |
| 04 | <.01 | .08 | <.001 | 1.00 | | |
| 05 | <.01 | .09 | <.001 | .98 | | |
| | | | | | | |
| 67141 | .01 | .04 | .002 | 1.14 | | |
| 42 | <.01 | .05 | <.001 | 1.17 | | |
| 43 | <.01 | .04 | <.001 | 1.52 | | |
| 44 | .01 | .19 | .003 | 1.28 | | |
| 45 | .03 | .52 | .011 | 1.45 | | |
| 46 | .05 | .63 | .022 | 1.60 | | |
| 47 | .06 | .83 | .006 | 1.70 | | |
| | | | | | | |
| 67171 | .16 | .28 | .005 | 1.38 | | |
| 72 | .15 | .22 | .003 | .98 | | |
| 73 | .18 | .22 | .003 | 1.14 | | |
| 74 | .06 | .11 | .003 | 1.03 | | |
| 75 | .04 | .12 | .003 | 1.38 | | |
| 76 | .10 | .30 | .009 | 2.37 | | |
| 77 | .56 | .62 | .004 | 1.37 | | |
| 78 | .12 | .20 | .002 | 1.40 | | |
| 79 | .76 | .78 | .008 | 1.70 | | |
| 80 | .06 | .44 | .013 | 1.02 | | |
| 81 | .01 | .28 | .012 | .44 | | |
| 82 | <.01 | .12 | .004 | .39 | | |
| 83 | <.01 | .30 | .011 | .63 | | |
| 84 | <.01 | .17 | .007 | .51 | | |
| 85 | .09 | .37 | .014 | .68 | | |
| 86 | .05 | .44 | .021 | .91 | | |
| 87 | <.01 | .14 | .010 | .87 | | |

cc: Assay Lab.

Assayer

Form. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

95-8

Exploration

Date May 12 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | As Fe | | |
|---|---|---|---|---|---|---|
| 67101 | <.01 | .02 | .002 | 1.14 | | |
| 02 | <.01 | .22 | .003 | 1.15 | | |
| 03 | <.01 | .19 | .035 | .85 | | |
| 04 | <.01 | .08 | <.001 | 1.00 | | |
| 05 | <.01 | .09 | <.001 | .98 | | |
| | | | | | | |
| 67141 | .01 | .04 | .002 | 1.14 | | 95-8 |
| 42 | <.01 | .05 | <.001 | 1.17 | | |
| 43 | <.01 | .04 | <.001 | 1.52 | | |
| 44 | .01 | .19 | .003 | 1.28 | | |
| 45 | .03 | .52 | .011 | 1.45 | | |
| 46 | .05 | .63 | .022 | 1.60 | | |
| 47 | .06 | .83 | .006 | 1.70 | | |
| | | | | | | |
| 67171 | .16 | .28 | .005 | 1.38 | | |
| 72 | .15 | .22 | .003 | .98 | | |
| 73 | .18 | .22 | .003 | 1.14 | | |
| 74 | .06 | .11 | .003 | 1.03 | | |
| 75 | .04 | .12 | .003 | 1.38 | | |
| 76 | .10 | .30 | .009 | 2.37 | | |
| 77 | .56 | .62 | .004 | 1.37 | | |
| 78 | .12 | .20 | .002 | 1.40 | | |
| 79 | .76 | .78 | .008 | 1.70 | | |
| 80 | .06 | .44 | .013 | 1.02 | | |
| 81 | .01 | .28 | .012 | .44 | | |
| 82 | <.01 | .12 | .004 | .39 | | |
| 83 | <.01 | .30 | .011 | .63 | | |
| 84 | <.01 | .17 | .007 | .51 | | |
| 85 | .09 | .37 | .014 | .68 | | |
| 86 | .05 | .44 | .021 | .91 | | |
| 87 | <.01 | .14 | .010 | .87 | | |

cc: Assay Lab.

Assayer

Assayer

rm. No. Mill - 1

95-8

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date May 29 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67264 | .07 | .48 | .085 | 1.75 | | |
| 65 | .02 | .42 | .009 | 1.12 | | |
| 66 | .01 | .46 | .011 | 1.23 | | |
| 67 | .01 | .69 | .035 | 1.63 | | |
| 68 | <.01 | .22 | .003 | 1.04 | | |
| 69 | <.01 | .23 | .009 | .72 | | 95-8 |
| 67148 | .07 | .12 | .002 | 1.67 | | |
| 49 | .05 | .22 | .006 | 1.81 | | |
| 50 | .06 | .24 | .002 | 1.95 | | |
| 51 | .11 | .19 | .003 | 1.38 | | |
| 52 | .03 | .42 | .007 | 1.10 | | |
| 53 | <.01 | .13 | .002 | .88 | | |
| 54 | <.01 | .09 | .001 | 1.37 | | |
| 55 | <.01 | .04 | .003 | 1.99 | | |
| 56 | <.01 | .07 | .002 | 1.12 | | |
| 57 | <.01 | .02 | <.001 | .83 | | |
| 58 | <.01 | .01 | <.001 | .77 | | |
| 59 | <.01 | .01 | <.001 | .95 | | |
| 60 | <.01 | .02 | <.001 | .88 | | |
| 61 | <.01 | .02 | <.001 | 1.67 | | |
| 62 | <.01 | .03 | <.001 | 1.07 | | |
| 63 | <.01 | .02 | <.001 | 1.14 | | |
| 64 | <.01 | .04 | <.001 | .82 | | |
| 65 | <.01 | .01 | <.001 | .62 | | |

cc: Assay Lab.

Assayer KK

Assayer

Form. No. Mill - 1

95-9

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 30 MAY 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | A.S. Fe | |
|---|---|---|---|---|---|---|
| 67370 | <.01 | .16 | .002 | .84 | .42 | |
| 71 | <.01 | .35 | .008 | 1.01 | .52 | |
| 72 | <.01 | .51 | .037 | 1.49 | .75 | |
| 73 | <.01 | .32 | .009 | 1.09 | .55 | |
| 74 | <.01 | .45 | .002 | 1.12 | .56 | |
| 75 | .01 | .56 | .008 | 1.35 | .68 | |
| 76 | <.01 | .60 | .022 | 1.50 | .75 | |
| 77 | <.01 | .27 | .003 | 1.76 | .88 | |
| 78 | .01 | .53 | .003 | 2.46 | 1.23 | |
| | | | | | | 95-9 |
| 67381 | .01 | .02 | .001 | 3.14 | 1.67 | |
| 82 | .01 | .05 | .002 | 3.12 | 1.56 | |
| 83 | .01 | .07 | .001 | 4.25 | 2.13 | |
| 84 | .01 | .04 | .001 | 4.10 | 2.05 | |
| 85 | .01 | .08 | .001 | 2.51 | 1.26 | |
| 86 | .01 | .07 | .009 | 6.06 | 3.03 | |
| 87 | .01 | .04 | .001 | 3.31 | 1.66 | |
| 88 | .01 | .06 | .002 | 3.79 | 1.89 | |
| 89 | <.01 | .07 | .002 | 2.11 | 1.06 | |
| 90 | .03 | .13 | .001 | 2.35 | 1.18 | |
| 91 | .01 | .18 | .020 | 4.77 | 2.39 | |
| 92 | <.01 | .08 | .003 | 5.27 | 2.64 | |
| 93 | .01 | .21 | .002 | 5.39 | 2.69 | |
| 94 | .01 | .36 | .039 | 3.76 | 1.88 | |
| 95 | .02 | .35 | .007 | 4.33 | 2.17 | |
| 96 | .01 | .07 | .001 | 3.44 | 1.72 | |
| 97 | .01 | .07 | .004 | 9.64 | 4.82 | |
| 98 | .01 | .03 | .001 | 1.73 | .87 | |
| 99 | <.01 | .04 | .001 | 1.64 | .82 | |
| | | | | | | 112 |

cc: Assay Lab.

rm. No. Mill - 1

95-9

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 30 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % MoS₂ | A.S. Fe. | A.S Fe | |
|---|---|---|---|---|---|---|
| 67304 | .01 | .33 | .062 | 2.97 | 1.49 | |
| 05 | <.01 | .21 | .054 | 4.80 | 2.40 | |
| 06 | <.01 | .12 | .004 | 4.30 | 2.15 | |
| 07 | <.01 | .31 | .060 | 3.74 | 1.87 | |
| 08 | <.01 | .42 | .173 | 3.33 | 1.66 | |
| 09 | .01 | .33 | .047 | 2.90 | 1.45 | |
| 10 | <.01 | .25 | .005 | 1.69 | 0.85 | |
| 11 | <.01 | .35 | .008 | 1.71 | 0.86 | |
| 12 | <.01 | .35 | .012 | 3.97 | 1.99 | |
| 13 | <.01 | .24 | .006 | 2.23 | 1.12 | |
| 14 | <.01 | .40 | .029 | 2.24 | 1.12 | |
| 15 | <.01 | .17 | .010 | 1.24 | 0.62 | |
| 16 | <.01 | .16 | .004 | 2.06 | 1.03 | |
| 17 | <.01 | .07 | .005 | 2.30 | 1.15 | |
| 18 | <.01 | .32 | .005 | 1.42 | .71 | |
| 19 | <.01 | .28 | .003 | 1.34 | .67 | |
| | | | | | | 95-9 |
| 67400 | .01 | .05 | .003 | 2.82 | 1.41 | |
| 01 | .01 | .07 | <.001 | 3.24 | 1.62 | |
| 02 | .01 | .06 | .002 | 4.31 | 2.16 | |
| 03 | .01 | .09 | .003 | 4.67 | 2.34 | |
| 04 | .01 | .05 | <.001 | 3.43 | 1.72 | |
| 05 | .01 | .05 | <.001 | 5.12 | 2.56 | |
| 06 | .01 | .04 | <.001 | 2.83 | 1.42 | |
| 07 | .02 | .26 | .001 | 2.30 | 1.15 | |
| 08 | .01 | .05 | <.001 | 2.76 | 1.38 | |
| 09 | .01 | .03 | <.001 | 4.66 | 2.33 | |
| 10 | .01 | .04 | <.001 | 2.96 | 1.48 | |
| 11 | <.01 | .07 | .001 | 4.28 | 2.14 | N2 |

cc: Assay Lab.

Assayer

Assayer

Assayer

Form. No. Mill - 1

95-9

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 31 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | 95-9 |
| 67412 | <.01 | .03 | .001 | 1.51 | | |
| 13 | <.01 | .08 | <.001 | 1.78 | | |
| 14 | <.01 | .03 | .001 | 0.97 | | |
| 15 | <.01 | .07 | .001 | 1.12 | | |
| 16 | <.01 | .16 | <.001 | 1.94 | | |
| 17 | <.01 | .23 | .001 | 1.85 | | |
| 18 | <.01 | .04 | .001 | 1.60 | | |
| 19 | <.01 | .05 | .001 | 0.83 | | |
| 20 | <.01 | .09 | .001 | 1.41 | | |
| 21 | <.01 | .12 | .001 | 1.22 | | |
| 22 | <.01 | .06 | <.001 | 1.23 | | |
| 23 | <.01 | .15 | <.001 | 1.32 | | |
| 24 | <.01 | .10 | .001 | 2.31 | | |
| 25 | <.01 | .05 | <.001 | 1.14 | | |
| 26 | <.01 | .09 | .003 | 2.04 | | |
| 27 | <.01 | .13 | .001 | 1.81 | | |
| 28 | <.01 | .14 | .001 | 1.95 | | |
| 29 | <.01 | .08 | <.001 | 1.47 | | |
| 30 | <.01 | .08 | .001 | 1.14 | | |
| | | | | | | |
| 67320 | <.01 | .34 | .005 | 0.69 | | |
| 21 | <.01 | .44 | .010 | 0.85 | | |
| 22 | <.01 | .76 | .040 | 1.24 | | |
| 23 | <.01 | .90 | .100 | 1.74 | | |
| 24 | <.01 | .49 | .060 | 1.44 | | |
| 25 | <.01 | .15 | .002 | 1.87 | | |
| 26 | <.01 | .26 | .011 | 2.06 | | |
| 27 | <.01 | .12 | .005 | 1.72 | | |
| 28 | <.01 | .29 | .008 | 1.32 | | |

cc: Assay Lab.

Assayer

Assayer D.A.W.

Form. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

95-10

Exploration

Date May 12 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | As Fe | | |
|---|---|---|---|---|---|---|
| 67101 | <.01 | .02 | .002 | 1.14 | | |
| 02 | <.01 | .22 | .003 | 1.15 | | |
| 03 | <.01 | .19 | .035 | .85 | | |
| 04 | <.01 | .08 | <.001 | 1.00 | | |
| 05 | <.01 | .09 | <.001 | .98 | | |
| | | | | | | |
| 67141 | .01 | .04 | .002 | 1.14 | | |
| 42 | <.01 | .05 | <.001 | 1.17 | | |
| 43 | <.01 | .04 | <.001 | 1.52 | | |
| 44 | .01 | .19 | .003 | 1.28 | | |
| 45 | .03 | .52 | .011 | 1.45 | | |
| 46 | .05 | .63 | .022 | 1.60 | | |
| 47 | .06 | .83 | .006 | 1.70 | | |
| | | | | | | |
| 67171 | .16 | .28 | .005 | 1.38 | | 95-10 |
| 72 | .15 | .22 | .003 | .98 | | |
| 73 | .18 | .22 | .003 | 1.14 | | |
| 74 | .06 | .11 | .003 | 1.03 | | |
| 75 | .04 | .12 | .003 | 1.38 | | |
| 76 | .10 | .30 | .009 | 2.37 | | |
| 77 | .56 | .62 | .008 | 1.37 | | |
| 78 | .12 | .20 | .002 | 1.40 | | |
| 79 | .76 | .78 | .008 | 1.70 | | |
| 80 | .06 | .44 | .043 | 1.02 | | |
| 81 | .01 | .28 | .012 | .44 | | |
| 82 | <.01 | .12 | .004 | .39 | | |
| 83 | <.01 | .30 | .011 | .63 | | |
| 84 | <.01 | .17 | .007 | .51 | | |
| 85 | .09 | .37 | .014 | .68 | | |
| 86 | .05 | .44 | .021 | .91 | | |
| 87 | <.01 | .14 | .010 | .87 | | |

cc: Assay Lab.

Assayer [illegible] Assayer [illegible]

Form. No. Mill - 1

95-10

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 16 MAY 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67121 | .02 | .05 | .001 | 1.59 | | |
| 22 | <.01 | .01 | <.001 | 2.40 | | |
| 23 | <.01 | .03 | .001 | 2.58 | | |
| 24 | <.01 | .04 | .001 | 2.16 | | |
| 25 | .01 | .05 | .001 | 2.49 | | |
| 26 | .02 | .15 | .013 | 2.46 | | |
| 27 | .01 | .18 | .001 | 2.89 | | |
| 28 | .01 | .12 | .002 | 3.51 | | |
| 29 | .04 | .74 | .020 | 4.72 | | |
| | | | | | | |
| 67188 | .01 | .35 | .046 | 2.86 | | 95-10 |
| 89 | .01 | .61 | .021 | 2.89 | | |
| 90 | <.01 | .48 | .008 | 3.06 | | |
| 91 | .01 | .26 | .006 | 2.57 | | |
| 92 | .01 | .19 | .002 | 2.50 | | |
| 93 | <.01 | .03 | .002 | 2.11 | | |
| 94 | <.01 | .12 | .001 | 2.23 | | |
| 95 | <.01 | .10 | .002 | 2.47 | | |
| 96 | <.01 | .03 | .001 | 1.56 | | |
| 97 | <.01 | .01 | .001 | 2.02 | | |
| 98 | <.01 | .01 | .001 | 1.45 | | |
| 99 | <.01 | .02 | <.001 | 2.67 | | |
| 67200 | <.01 | .05 | .002 | 3.29 | | |
| 01 | .01 | .05 | .001 | 2.49 | | |
| 02 | <.01 | .12 | .001 | 2.80 | | |
| 03 | <.01 | .08 | .001 | 2.04 | | |
| 04 | <.01 | .02 | <.001 | 1.59 | | |
| 05 | <.01 | .12 | .002 | 1.96 | | |

cc: Assay Lab.

Assayer D. A. W.

Assayer D. A. W.

Form. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

95-11

EXPLORATION

Date 18 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67130 | .01 | .29 | .003 | 1.52 | | |
| 31 | <.01 | .07 | .002 | 1.00 | | |
| 32 | <.01 | .09 | .003 | 1.59 | | |
| 33 | <.01 | .07 | .002 | 1.98 | | |
| 34 | <.01 | .05 | .002 | 1.40 | | |
| 35 | <.01 | .03 | .001 | 1.07 | | |
| 67241 | .05 | .07 | .002 | 0.70 | | |
| 42 | .08 | .10 | .002 | 0.66 | | |
| 43 | .13 | .14 | .001 | 0.89 | | |
| 44 | .23 | .26 | .002 | 0.89 | | |
| 45 | .13 | .13 | <.001 | 0.78 | | |
| 46 | .21 | .22 | .004 | 0.84 | | |
| 47 | .12 | .13 | .001 | 0.64 | | |
| 48 | .32 | .36 | .003 | 0.68 | | |
| 49 | .09 | .11 | .001 | 0.49 | | |
| 50 | .11 | .15 | .002 | 0.72 | | |
| 51 | .12 | .16 | .001 | 0.82 | | |
| 52 | .25 | .29 | .003 | 0.61 | | |
| 53 | .20 | .24 | .002 | 0.52 | | |
| 54 | .20 | .23 | .002 | 0.60 | | |
| 67211 | .47 | .57 | .002 | 1.17 | | 95-11 |
| 12 | .47 | .57 | .003 | 1.30 | | |
| 13 | .21 | .30 | .003 | 1.59 | | |
| 14 | .21 | .24 | .003 | 1.30 | | |
| 15 | .09 | .15 | .005 | 1.74 | | |
| 16 | .05 | .08 | .003 | 1.45 | | |
| 17 | .04 | .07 | .004 | 1.14 | | |
| 18 | .05 | .07 | .003 | 0.90 | | |

cc: Assay Lab.

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

orm. No. Mill - 1

95-11

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date .....18...MAY....19.95.

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 67219 | .13 | .16 | .001 | 0.87 | | 95-11 |
| 20 | .10 | .13 | .001 | 0.81 | | |
| 21 | .12 | .15 | .001 | 1.18 | | |
| 22 | .08 | .13 | .004 | 1.17 | | |
| 23 | .08 | .14 | .004 | 1.28 | | |
| 24 | .19 | .23 | .005 | 1.49 | | |
| 25 | .24 | .27 | .003 | 0.90 | | |
| 26 | .13 | .16 | .003 | 0.96 | | |
| 27 | .11 | .14 | .001 | 0.71 | | |
| 28 | .05 | .06 | .004 | 0.66 | | |
| 29 | .05 | .07 | .007 | 0.94 | | |
| 30 | .05 | .13 | .003 | 0.69 | | |
| 31 | .04 | .57 | .002 | 1.51 | | |
| 32 | .01 | .34 | .003 | 1.04 | | |
| 33 | .01 | .12 | .001 | 1.10 | | |
| 34 | .01 | .18 | .002 | 1.16 | | |
| 35 | .01 | .47 | .002 | 1.27 | | |
| 36 | .01 | .28 | .003 | 0.97 | | |
| 37 | <.01 | .19 | .001 | 0.94 | | ✓ |
| | | | | | | |
| 67255 | .19 | .24 | .002 | 0.56 | | |
| 56 | .29 | .35 | .002 | 0.88 | | |
| 57 | .16 | .19 | .002 | 0.70 | | |
| 58 | .11 | .13 | .001 | 0.86 | | |
| 59 | .12 | .16 | .003 | 0.75 | | |
| 60 | .10 | .13 | .002 | 0.69 | | |
| 61 | .12 | .16 | .003 | 0.81 | | |
| 62 | .05 | .16 | .008 | 0.74 | | |
| 63 | .02 | .34 | .008 | 0.75 | | |

cc: Assay Lab.

Assayer D.A.W.

Assayer D.A.W.

Form. No. Mill - 1

95-12

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 18 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| 67130 | .01 | .29 | .003 | 1.52 | | |
| 31 | <.01 | .07 | .002 | 1.00 | | |
| 32 | <.01 | .09 | .003 | 1.59 | | |
| 33 | <.01 | .07 | .002 | 1.98 | | |
| 34 | <.01 | .05 | .002 | 1.40 | | |
| 35 | <.01 | .03 | .001 | 1.07 | | |
| | | | | | | |
| 67241 | .05 | .07 | .002 | 0.70 | | 95-12 |
| 42 | .08 | .10 | .002 | 0.66 | | |
| 43 | .13 | .14 | .001 | 0.89 | | |
| 44 | .23 | .26 | .002 | 0.89 | | |
| 45 | .13 | .13 | <.001 | 0.78 | | |
| 46 | .21 | .22 | .004 | 0.84 | | |
| 47 | .12 | .13 | .001 | 0.64 | | |
| 48 | .32 | .36 | .003 | 0.68 | | |
| 49 | .09 | .11 | .001 | 0.49 | | |
| 50 | .11 | .15 | .002 | 0.72 | | |
| 51 | .12 | .16 | .001 | 0.82 | | |
| 52 | .25 | .29 | .003 | 0.61 | | |
| 53 | .20 | .24 | .002 | 0.52 | | |
| 54 | .20 | .23 | .002 | 0.60 | | |
| | | | | | | |
| 67211 | .47 | .57 | .002 | 1.17 | | |
| 12 | .47 | .57 | .003 | 1.30 | | |
| 13 | .21 | .30 | .003 | 1.59 | | |
| 14 | .21 | .24 | .003 | 1.30 | | |
| 15 | .09 | .15 | .005 | 1.74 | | |
| 16 | .05 | .08 | .003 | 1.45 | | |
| 17 | .04 | .07 | .004 | 1.14 | | |
| 18 | .05 | .07 | .003 | 0.90 | | |
| | | | | | | |

cc: Assay Lab.

Assayer D. A. W.

rm. No. Mill - 1

95-1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

XPLORATION

Date May 29 1995

95-12

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67264 | .07 | .48 | .085 | 1.75 | | |
| 65 | .02 | .42 | .009 | 1.12 | | |
| 66 | .01 | .46 | .011 | 1.23 | | |
| 67 | .01 | .69 | .035 | 1.63 | | |
| 68 | <.01 | .22 | .003 | 1.04 | | |
| 69 | <.01 | .23 | .009 | .72 | | |
| 67148 | .07 | .12 | .002 | 1.67 | | |
| 49 | .05 | .22 | .006 | 1.81 | | |
| 50 | .06 | .24 | .002 | 1.95 | | |
| 51 | .11 | .19 | .003 | 1.38 | | |
| 52 | .03 | .42 | .007 | 1.10 | | |
| 53 | <.01 | .13 | .002 | .88 | | |
| 54 | <.01 | .09 | .001 | 1.37 | | |
| 55 | <.01 | .04 | .003 | 1.99 | | |
| 56 | <.01 | .07 | .002 | 1.12 | | |
| 57 | <.01 | .02 | <.001 | .83 | | |
| 58 | <.01 | .01 | <.001 | .77 | | |
| 59 | <.01 | .01 | <.001 | .95 | | |
| 60 | <.01 | .02 | <.001 | .88 | | |
| 61 | <.01 | .02 | <.001 | 1.67 | | |
| 62 | <.01 | .03 | <.001 | 1.07 | | |
| 63 | <.01 | .02 | <.001 | 1.14 | | |
| 64 | <.01 | .04 | <.001 | .82 | | |
| 65 | <.01 | .01 | <.001 | .62 | | |

cc: Assay Lab.

Assayer

Assayer

Form. No. Mill - 1

95-13

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 30 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | 95-13 |
|---|---|---|---|---|---|---|
| 67342 | .26 | .30 | <.001 | 1.36 | | |
| 43 | .15 | .17 | <.001 | .91 | | |
| 44 | .27 | .31 | <.001 | 1.14 | | |
| 45 | .18 | .19 | <.001 | .94 | | |
| 46 | .34 | .41 | <.001 | 1.31 | | |
| 47 | .19 | .21 | <.001 | 1.03 | | |
| 48 | .27 | .33 | <.001 | 1.17 | | |
| 49 | .24 | .30 | <.001 | 1.16 | | |
| 50 | .09 | .12 | <.001 | 1.02 | | |
| 51 | .11 | .12 | <.001 | 1.09 | | |
| 52 | .29 | .34 | <.001 | .91 | | |
| 53 | [illegible] | .25 | <.001 | 1.36 | | |
| 54 | .75 | .76 | <.001 | 1.22 | | |
| 55 | .35 | .39 | <.001 | 1.17 | | |
| 56 | .09 | .11 | <.001 | .76 | | |
| 57 | .06 | .07 | <.001 | .70 | | |
| 58 | .07 | .08 | <.001 | .53 | | |
| 59 | .24 | .25 | .001 | .56 | | |
| 60 | .55 | .57 | .001 | .76 | | |
| 61 | .27 | .32 | .003 | 1.21 | | |
| 62 | .15 | .54 | .005 | 1.07 | | |
| 63 | .03 | .32 | .002 | 1.06 | | |
| 64 | .01 | .32 | .002 | .56 | | |
| 65 | .01 | .32 | .002 | .68 | | |
| 66 | .01 | .40 | .002 | .79 | | |
| 67 | .02 | .46 | .005 | .82 | | |
| 68 | .01 | .40 | .002 | .58 | | |
| 69 | .01 | .25 | .008 | .58 | | |

cc: Assay Lab.

Assayer J. [illegible]

Assayer J. [illegible]

95-13

Form. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 30 MAY 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | A.S. Fe | |
|---|---|---|---|---|---|---|
| | | | | | | 95-13 |
| 67370 | <.01 | .16 | .002 | .84 | .42 | |
| 71 | <.01 | .35 | .008 | 1.01 | .52 | |
| 72 | <.01 | .51 | .037 | 1.49 | .75 | |
| 73 | <.01 | .32 | .009 | 1.09 | .55 | |
| 74 | <.01 | .45 | .002 | 1.12 | .56 | |
| 75 | .01 | .56 | .008 | 1.35 | .68 | |
| 76 | <.01 | .60 | .022 | 1.50 | .75 | |
| 77 | <.01 | .27 | .003 | 1.76 | .88 | |
| 78 | .01 | .53 | .003 | 2.46 | 1.23 | |
| | | | | | | |
| 67381 | .01 | .02 | .001 | 3.14 | 1.67 | |
| 82 | .01 | .05 | .002 | 3.12 | 1.56 | |
| 83 | .01 | .07 | .001 | 4.25 | 2.13 | |
| 84 | .01 | .04 | .001 | 4.10 | 2.05 | |
| 85 | .01 | .08 | .001 | 2.51 | 1.26 | |
| 86 | .01 | .07 | .009 | 6.06 | 3.03 | |
| 87 | .01 | .04 | .001 | 3.31 | 1.66 | |
| 88 | .01 | .06 | .002 | 3.79 | 1.89 | |
| 89 | <.01 | .07 | .002 | 2.11 | 1.06 | |
| 90 | .03 | .13 | .001 | 2.35 | 1.18 | |
| 91 | .01 | .18 | .020 | 4.77 | 2.39 | |
| 92 | <.01 | .08 | .003 | 5.27 | 2.64 | |
| 93 | .01 | .21 | .003 | 5.39 | 2.69 | |
| 94 | .01 | .36 | .039 | 3.76 | 1.88 | |
| 95 | .02 | .35 | .007 | 4.33 | 2.17 | |
| 96 | .01 | .07 | .001 | 3.44 | 1.72 | |
| 97 | .01 | .07 | .004 | 9.64 | 4.82 | |
| 98 | .01 | .03 | .001 | 1.73 | .87 | |
| 99 | <.01 | .04 | .001 | 1.64 | .82 | |
| | | | | | | 112 |

cc: Assay Lab.

Assayer

Assayer

Form. No. Mill - 1

95-14

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date May 29 19 95

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | 95-14 |
|---|---|---|---|---|---|---|
| 67281 | .18 | .19 | .001 | 1.20 | | |
| 82 | .23 | .27 | .001 | 1.60 | | |
| 83 | .75 | .76 | .002 | 1.34 | | |
| 84 | .11 | .19 | .002 | 2.01 | | |
| 85 | .05 | .11 | .001 | 1.76 | | |
| 86 | .04 | .10 | .002 | 1.99 | | |
| 87 | .03 | .07 | .002 | 1.52 | | |
| 88 | .04 | .07 | .001 | 1.50 | | |
| 89 | .06 | .11 | .003 | 1.62 | | |
| 90 | .09 | .29 | .003 | 2.03 | | |
| 91 | .17 | .39 | .005 | 1.64 | | |
| 92 | .19 | .30 | .015 | 4.19 | | |
| 93 | .13 | .31 | .004 | 2.14 | | |
| 94 | .02 | .18 | .010 | 2.22 | | |
| 95 | .01 | .28 | .008 | 1.80 | | |
| 96 | <.01 | .36 | .016 | 1.81 | | |
| 97 | | .25 | .010 | 1.56 | | |
| 98 | | .14 | .005 | 1.63 | | |
| 99 | | .11 | .004 | 1.63 | | |
| 300 | | .12 | .003 | 1.60 | | |
| 01 | | .25 | .007 | 2.07 | | |
| 02 | | .07 | .001 | 1.69 | | |
| 03 | .01 | .41 | .008 | 2.25 | | |
| | | | | | | |
| 67341 | .15 | .17 | .001 | 1.20 | | |

cc: Assay Lab.

Assayer

Assayer

95-14

Form. No. Mill - 1

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 30 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | A.S. Fe | |
|---|---|---|---|---|---|---|
| | | | | | | 95-14 |
| 67304 | .01 | .33 | .062 | 2.97 | 1.49 | |
| 05 | <.01 | .21 | .054 | 4.80 | 2.40 | |
| 06 | <.01 | .12 | .004 | 4.30 | 2.15 | |
| 07 | <.01 | .31 | .060 | 3.74 | 1.87 | |
| 08 | <.01 | .42 | .173 | 3.33 | 1.66 | |
| 09 | .01 | .33 | .047 | 2.90 | 1.45 | |
| 10 | <.01 | .25 | .005 | 1.69 | 0.85 | |
| 11 | <.01 | .35 | .008 | 1.71 | 0.86 | |
| 12 | <.01 | .35 | .012 | 3.97 | 1.99 | |
| 13 | <.01 | .24 | .006 | 2.23 | 1.12 | |
| 14 | <.01 | .40 | .029 | 2.24 | 1.12 | |
| 15 | <.01 | .17 | .010 | 1.24 | 0.62 | |
| 16 | <.01 | .16 | .004 | 2.06 | 1.03 | |
| 17 | <.01 | .07 | .005 | 2.30 | 1.15 | |
| 18 | <.01 | .32 | .005 | 1.42 | .71 | |
| 19 | <.01 | .28 | .003 | 1.34 | .67 | |
| | | | | | | |
| 67400 | .01 | .05 | .003 | 2.82 | 1.41 | |
| 01 | .01 | .07 | <.001 | 3.24 | 1.62 | |
| 02 | .01 | .06 | .002 | 4.31 | 2.16 | |
| 03 | .01 | .09 | .003 | 4.67 | 2.34 | |
| 04 | .01 | .05 | <.001 | 3.43 | 1.72 | |
| 05 | .01 | .05 | <.001 | 5.12 | 2.56 | |
| 06 | .01 | .04 | <.001 | 2.83 | 1.42 | |
| 07 | .02 | .26 | .001 | 2.30 | 1.15 | |
| 08 | .01 | .05 | <.001 | 2.76 | 1.38 | |
| 09 | .01 | .03 | <.001 | 4.66 | 2.33 | |
| 10 | .01 | .04 | <.001 | 2.96 | 1.48 | |
| 11 | <.01 | .07 | .001 | 4.28 | 2.14 | 112 |

cc: Assay Lab.

Form. No. Mill - 1

95-14

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 31 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % $MoS_2$ | A.S. Fe | | |
|---|---|---|---|---|---|---|
| 67412 | <.01 | .03 | .001 | 1.51 | | |
| 13 | <.01 | .08 | <.001 | 1.78 | | |
| 14 | <.01 | .03 | .001 | 0.97 | | |
| 15 | <.01 | .07 | .001 | 1.12 | | |
| 16 | <.01 | .16 | <.001 | 1.94 | | |
| 17 | <.01 | .23 | .001 | 1.85 | | |
| 18 | <.01 | .04 | .001 | 1.60 | | |
| 19 | <.01 | .05 | .001 | 0.83 | | |
| 20 | <.01 | .09 | .001 | 1.41 | | |
| 21 | <.01 | .12 | .001 | 1.22 | | |
| 22 | <.01 | .06 | <.001 | 1.23 | | |
| 23 | <.01 | .15 | <.001 | 1.32 | | |
| 24 | <.01 | .10 | .001 | 2.31 | | |
| 25 | <.01 | .05 | <.001 | 1.14 | | |
| 26 | <.01 | .09 | .003 | 2.04 | | |
| 27 | <.01 | .13 | .001 | 1.81 | | |
| 28 | <.01 | .14 | .001 | 1.95 | | |
| 29 | <.01 | .08 | <.001 | 1.47 | | |
| 30 | <.01 | .08 | .001 | 1.14 | | |
| | | | | | | 95-14 |
| 67320 | <.01 | .34 | .005 | 0.69 | | |
| 21 | <.01 | .44 | .010 | 0.85 | | |
| 22 | <.01 | .76 | .040 | 1.24 | | |
| 23 | <.01 | .90 | .100 | 1.74 | | |
| 24 | <.01 | .49 | .060 | 1.44 | | |
| 25 | <.01 | .15 | .002 | 1.87 | | |
| 26 | <.01 | .26 | .011 | 2.06 | | |
| 27 | <.01 | .12 | .005 | 1.72 | | |
| 28 | <.01 | .29 | .008 | 1.32 | | |

cc: Assay Lab.

Assayer D.A.L.

Assayer D.A.L.

Form No. Mill - 1

95-14

GIBRALTAR MINES LIMITED

# ASSAY CERTIFICATE

EXPLORATION

Date 31 MAY 1995

| Sample No. | % Ox. Cu. | Total Cu. | % MoS₂ | A.S. Fe | | 95-14 |
|---|---|---|---|---|---|---|
| 67329 | <.01 | .13 | .005 | 1.37 | | |
| 30 | <.01 | .10 | .003 | 1.84 | | |
| 31 | <.01 | .27 | .006 | 1.92 | | |
| 32 | <.01 | .16 | .004 | 1.70 | | |
| 33 | <.01 | .38 | .008 | 1.50 | | |
| 34 | <.01 | .52 | .008 | 1.67 | | |
| 35 | <.01 | .52 | .014 | 2.42 | | |
| 36 | <.01 | .64 | .009 | 3.81 | | |
| 37 | <.01 | .24 | .005 | 1.98 | | |

cc: Assay Lab.

Assayer D. A. L.