ARIS SUMMARY SHEET

Off Confidential: 92.08.20 District Geologist, Prince George ASSESSMENT REPORT 21761 MINING DIVISION: Cariboo **PROPERTY:** ΤK LONG 122 20 00 LOCATION: LAT 52 32 30 UTM 10 5821277 545213 NTS 093B09W CAMP: 037 Gibraltar Area CLAIM(S): TK 1-2 Gibraltar Mines OPERATOR(S): Barker, G.E. 1991, 52 Pages AUTHOR(S): **REPORT YEAR:** COMMODITIES SEARCHED FOR: Zinc, Copper **KEYWORDS:** Triassic, Granite Mountain Pluton, Quartz diorites Mine phase quartz diorite, Chalcopyrite, Sphalerite WORK DONE: Drilling, Geochemical 546.8 m 2 hole(s);NQ DIAD SAMP 176 sample(s) ;CU,MO,ZN,AG 093B

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DIAMOND DRILL REPORT

on the

TK CLAIM GROUP

Cariboo Mining Division

93B/9W

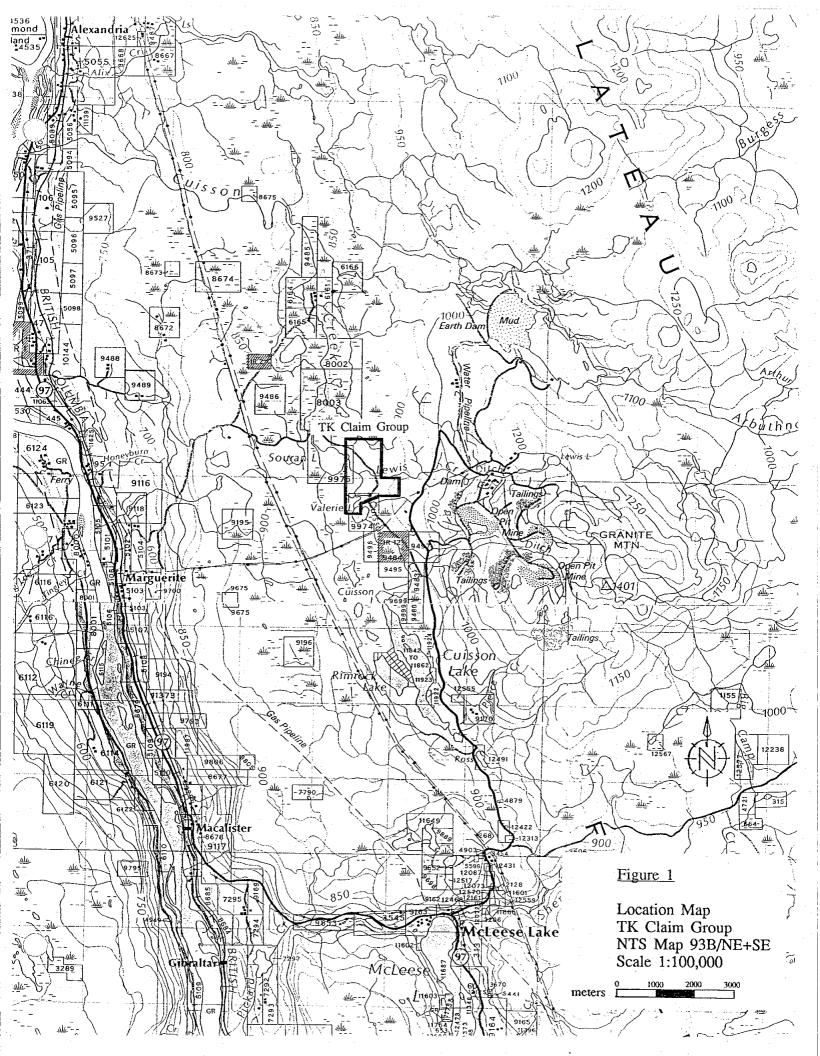
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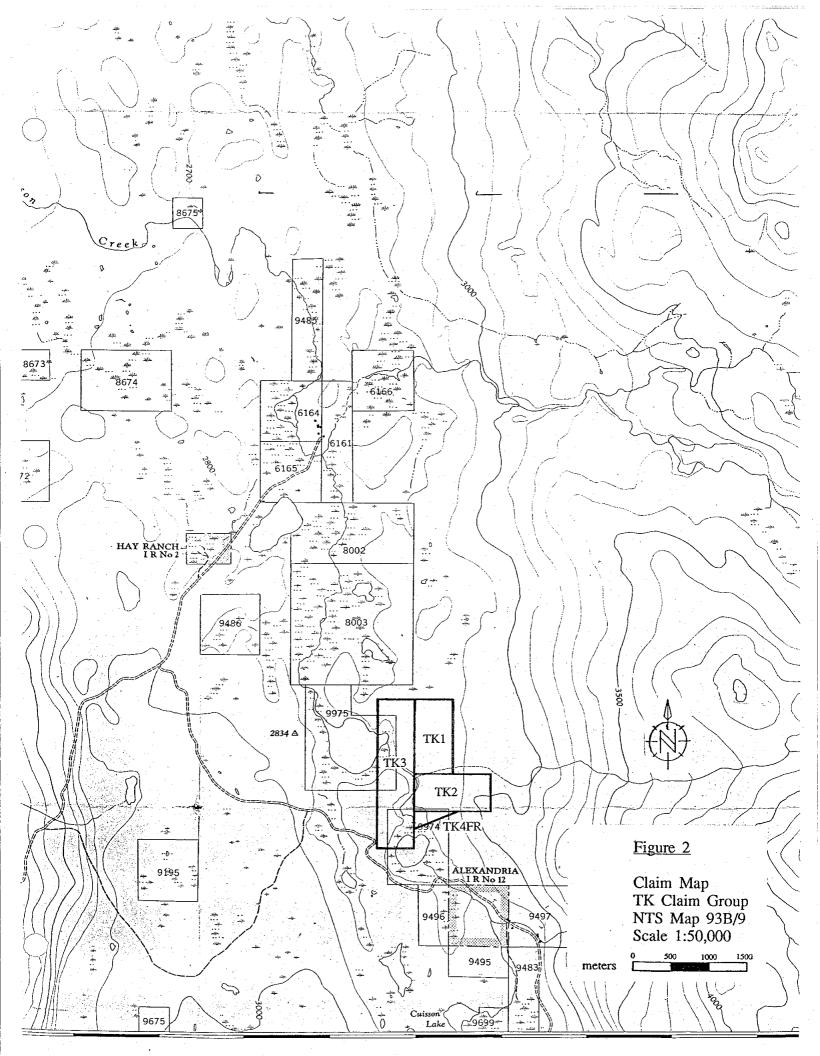
OWNER and OPERATOR Gibraltar Mines Limited P. O. Box 130 McLeese Lake, B. C. VOL 1P0

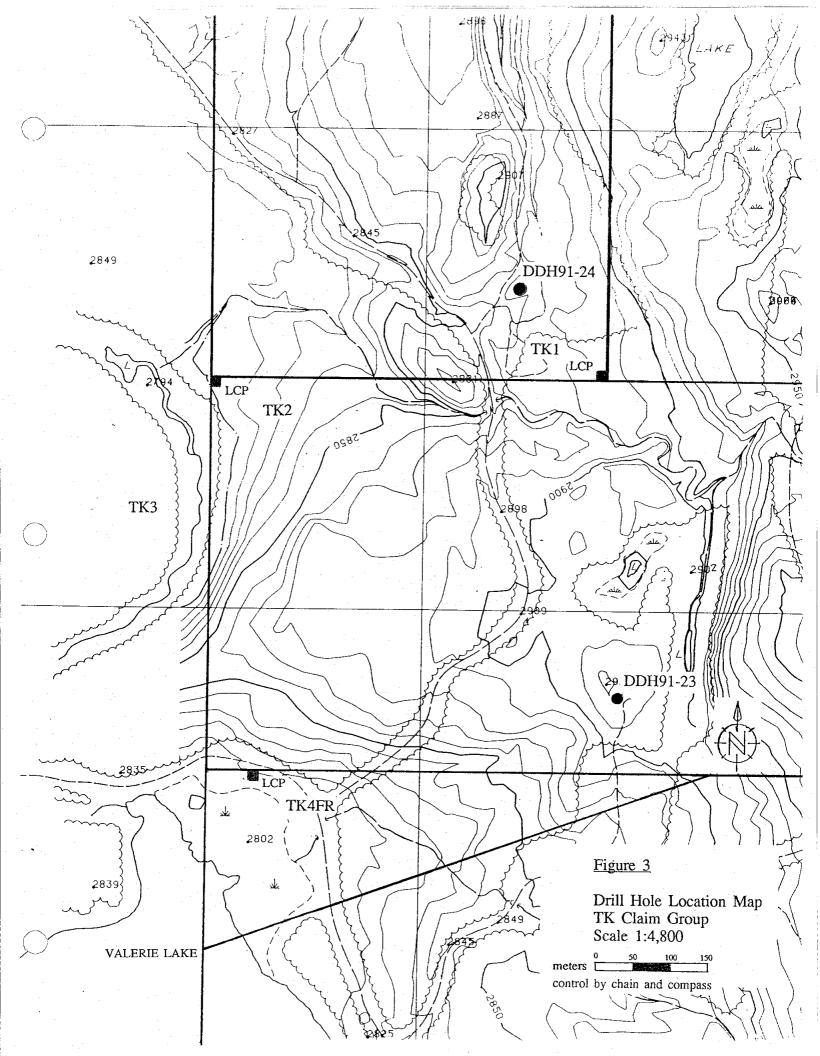
Author: G. E. Barker GEOLOGICAL BRANCH ASSESSMENT REPORT

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1. INTRODUCTION

The TK Mineral Claim Group is located in the Cariboo Mining Division approximately 3.4 km. west of the Gibraltar Mines Concentrator (see Figure 1). The claims lie along the northwest flank of Granite Mountain at elevations between 850 and 935 meters. Access is via logging roads which link the property to the Gibraltar Mines paved access road.

All the claims of the TK Group were staked in 1990 to cover ground adjacent to the northwest side of the Gibraltar Mines Property.

This report covers a diamond drill program conducted in 1991 on the TK Claim Group. Two vertical NQ diamond drill holes (91-23 and 91-24) totaling 546.8 meters were completed. Drilling was done by L.D.S. Diamond Drilling Ltd. of Kamloops B.C. during the period June 2 to June 5, 1991. The whole core was assayed except for a three-inch segment per ten-foot section which was retained and stored at Gibraltar Mines.

2. MINERAL CLAIMS

The mineral claims of the TK Group are shown in Figure 2 and claim information is tabulated below.

| MINERAL CLAIM | RECORD NO. | NO. OF UNITS | DATE OF RECORD |
|---------------|------------|--------------|--------------------|
| TK1 | 10790 | 2 | August 23, 1990 |
| TK2 | 10791 | 2 | August 24, 1990 |
| TK3 | 10845 | 4 | September 12, 1990 |
| TK4FR | 10846 | 1 | September 12, 1990 |

All claims are owned by Gibraltar Mines Limited.

3. GENERAL GEOLOGY

The TK Claims are located on the northwest flank of Granite Mountain. This area of moderate relief is a part of the Upper Triassic Granite Mountain Pluton. The pluton is divisible into at least three major phases. The first, refered to as the Granite Mountain Phase Quartz Diorite, forms the main body of the pluton and is readily recognized by a high quartz content (about 45%) and a fairly coarse grained texture. The second, called the Mine Phase Quartz Diorite, appears to form a shell about the Granite Mountain Phase and is characterized by normal quartz diorite composition with about 30% quartz. The third, refered to as the Border Phase Diorite, appears as a complex assimilative-type contact rock formed between the Mine Phase Quartz Diorite and the intruded Cache Creek Group rocks. All of these rocks have undergone pervasive saussuritization and chloritization.

The TK Claims are underlain by the Mine Phase Quartz Diorite of the Granite Mountain Pluton. This rock has undergone pronounced shearing deformation which has produced large shear zones, small shears, veins and various other dilatant structures. Sulfide and alteration mineralization correlates well with the deformation features and sulfide minerals such as pyrite, chalcopyrite, sphalerite and molybdenite are invariably associated with various combinations of quartz, chlorite, sericite, epidote and carbonate.

2. DRILL PROGRAM

4.1 Objective

The purpose of the drilling was to test for copper mineralization along the logical strike projection of the Gibraltar Mines ore zones.

4.2 Results

The drill hole locations are shown in Figure 3. Drill logs can be found in Appendix B and assay sheets in Appendix C.

Drill hole 91-23 was cased to 9.1 meters and drilled to 246 meters. The host rock throughout the hole was Mine Phase Quartz Diorite. No significant copper mineralization was encountered in this hole, however, a 76.2 meter zone of 0.59% zinc was intersected between 39.6 and 115.8 meters. The zinc mineralization (sphalerite) was associated with quartz-chlorite-sericite alteration.

Drill hole 91-24 was cased to 3 meters and drilled to 300.8 meters. The host rock throughout the hole was Mine Phase Quartz Diorite. Two small zones of copper mineralization, associated with quartz-chlorite-sericite-pyrite alteration, were encountered. The first was 9.2 meters of 0.45% copper between 237.7 and 246.9 meters. The second was 6.1 meters of 0.57% copper between 292.6 and 298.7 meters. A 61 meter zone of 0.68% zinc was intersected between 73.1 and 134.1 meters. This zone was very similar to the sphalerite mineralization encountered in drill hole 91-23.

4.3 Interpretation

Both drill holes encountered significant sulfide mineralization (pyrite, sphalerite and chalcopyrite) suggesting that the mineralized system containing the Gibraltar Mines ore zones extends to the TK claim group. Of particular interest are the large zinc zones found in both holes. These zones appear to support a sulfide zoning concept in which zinc mineralization tends to be concentrated in the outer and more cooler portions of the hydrothermal system. It would seem likely, therefore, that the TK claims over lie the outer fringes of the Gibraltar copper ore system.

5. STATEMENT OF EXPENDITURES

1991 Diamond Drill Program - TK Claim Group

1. Diamond Drilling Costs for Drill Holes 91-23 and 91-24 Drilled by L.D.S. Diamond Drilling of Kamloops B.C.

546.8 meters X \$35.97 per meter = \$19,668.00

TOTAL \$19,668.00

6. CONCLUSIONS

Futher work (geophysical and diamond drilling) is recommended within the general area around both drill sites.

artes 1 3

G. E. Barker Exploration Geologist

GIBRALTAR MINES LIMITED

APPENDIX A. Statement of Qualifications - George E. Barker

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

- 1. I am a graduate of the University of Waterloo, Waterloo, Ontario, with a B.Sc. degree in General Science, 1985.
- 2. From 1978 to the present I have been engaged in mining and exploration geology in British Columbia.
- 3. I personally participated in the field work, logged the core and interpreted the results.

Leorge E Barker

George E. Barker

APPENDIX B. Drill logs

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| | | | | · · · · · · · · · · · · · · · · · · · | | | | | | | • | Ó | a of a main of a | · · · · · · · · · · · · · · · · · · · |
|--|--|--------------------|--|---------------------------------------|--|---------|-------------------|---------------|------------------|-------|--------------|--------|------------------|--|
| | GI | BRA | LTAR MINI | ES | LIMITED not surveyed | | | н М., Н | | й | HOLE SHEE | | 91-23 1 OF | 14 |
| LOCATIONGibraltar North | BEARING | | LATITUI | DE . | = 53625 N | CC | RE SI | ZE _ | NQ | LOG | GED E | 3Y _G. | . E. Bar | ker |
| DATE COLLARED June 2, 1991 | _ LENGTH | 807 | ft. LONGIT | UDE . | ≈ 38820 E | _ SC | ALE (| DF LO | G <u>1" = 10</u> | L DAT | E | PTEM | BER 9, | 1991 |
| DATE COMPLETED June 3, 1991 | DIP | -90 | ELEVAT | ION . | ≈ 2918 ft. | RE | MARK | S_G | od Zn | 301 | 1e8 | 0'+0 | 400' | 1997 - 19 |
| ROCK TYPES | RAPHIC Veins | Width | | Est | BOTTOM DEPTHS | | | | | - 1 | ASSAY | RESUL | TS | |
| AND | CLUG F: I | of | | % | LEACH LAP LIM. ZONE 40' SUPERGENE | Footage | Estimated Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ROCK TYPES AND ALTERATION | e e < to c e core c e d to core Axis | Vein | Mineralization | Ру | Remarks : | Elocks | Recovery | | NUMBER | Cui | Мо | Zn | Ag Au | Cu. Grada |
| <u>CASING TO 30'</u> | | | | | | | | | | | | | | |
| | 30 | | | | | 30 | | | | | | | | : |
| MINE PHASE QUARTZ DIORITE 30' to 807' 50 % plagic, feld. 20% matics (chlorite) 301059K | | 2" zone 0' zone | (limonitet moz) to 40' 99 brx-hem | < o.2 | | 37 | 86 | 3 | 6176 | •01 | .002 | ·02 | •023 | ·01 |
| 30% guart3 - mod Rx is wk to moderately sauceritized. Narious alt'n zones are noted on - ND graphic log . Wk. to Str sulphide to > | 80? 6 | | 99-brx 813-(carb). br-(hem) | ¢0.5 | ND= non directional - we = weak - mod = moderate str = strong - () = minor amount - | 47 | 97 | | 6177 | •01 | •002 | ·02 | •02.6 | •01 |
| mineralization "py (sph) is found 40.60 (mainly in alth. sones. The we ? | 50 70-80 Z | н | 8+3 | | (()) = very minor amount | | | | | | | | | |
| hole appears to have been - drilled near a large fault. ND zones of increased gtz - > 30% are also noted 60-70 < | | | epi hem "staining" | | a badly broken rock gg = gouge brx = broken rock hem = hemitite gtz = guartz | 57 | 99 | 57 | 6178 | ·10 | ·003 | •01 | · 055 | •01 |
| Grain size 1/2" to 1/8" ave = 1/0" - w2 > Mine Phase Quarts Diorite, - (generally barren with with folion with chlorite darkened Q.D. 70 chlorite darkened Q.D. 70 sty generally str. foli shearing - sty 80 | <u>60</u> 2 ? Yz 1 ? | | 9t3-(1F4)) epi "streaky" gt3-chl-ser-(carb)((F4))) | ٢٥٠5 | epi = epidate py = pyrite chi = chlorite ser = sericite carb = Calcium Carbonate sph = sphalerite | 67 | 99 | 53 | 6179 | <.01 | .003 | · 0 1 | ·028 | 10] |

HOLE NO. <u>91-23</u> SHEET NO. <u>2</u> OF <u>14</u>

| ROCK TYPES | N N N | GRAPHI | Veins | Width | | Est | BOTTOM DEPTHS | | | | | A | SSAY | RESUL | TS | |
|---|------------------------|--------------------------|---------|-----------------|-------------------------------|------|--------------------|-----------|-------------------|----------|--------|------|------|--|----------|-----------|
| AND | < TO CORE FOLIATION | LOG | e < to | of | | % | LIM. ZONE | Footogo | Estimated Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | 011 | Rx type & All Footage | Core | Vein | Mineralization | Div | SUPERGENE | 8!ocks | | K.Q.D. | NUMBER | | | <u> </u> | Ag | Cu |
| | | Р. В. В. | Axis | 12" 30ne | gtg-ch/-ser-(carb) | Ру | Remarks : | | Recovery | | | Cu | Mo | Zn | Au . | Grade |
| | sty 70-80 | だ。 ^ | | | | | | | | | | | | | ·022 | |
| | +a ND | <pre></pre> | | | | 0.5 | | | 98 | 17 | 6180 | 6101 | .003 | .07 | | . 01 |
| | to mod | | | | | | | 77 | | | | | | | | |
| | 70-80 | 80 | | 18" 3one | gtz-chl-(ser) - Py-((sph)) | | | | | | | | | | | |
| [] 영상 (1997) - 1997 | med | | | | | | | | 76 | | | - 11 | | | ·033 | |
| | 70-80 | 10000 | | 9'3me | gtz-ch1-(ser) - py | 2.0 | | | | 3 | 6181 | .01 | .001 | .21 | | ·03 |
| | | | | | | | | _87_ | | | | | · • | | | • • |
| | | 90 | n NAVE. | <i>14"</i> | 99 - 6rx | | | | | | | | | | | |
| [· ^ · · · · · · · · · · · · · · · · · | mod | 211/1 | 10 | ″z″ | 3/3 - | | - | | .93 | | | | | | 1032 | |
| | 70-80 | | | | gtz-chl-ser-py | 1.5 | | A7 | | 3 | 6182 | .01 | 100Z | 29 | | .0Z |
| | | | | | | | gr = garnets - | 97 | | | | | | | | |
| | | 100 | | | sph- gr gg-brx | | | | `∴ ¦ | | | | | | | |
| | mod 70-80 | N.N. | | 5'zone | gtz-chl-ser-py | | = | | 93 | | | • | | | •031 | |
| | +0 | | | 3" | gg - brx | 1.0. | | 107 | | 30 | 6183 | .01 | .001 | .40 | | .01 |
| | ve 70 k |) | | | | 1 | - | 101 | | | | | 1.00 | | | |
| | witz | > 110 | 2 | 1 ¹⁰ | 9 ⁺ 3-(corb) | | | | | <u>.</u> | | | | | | |
| | 40 (| ` | | | ,, (-010 | | | | 99 | | | | | a Marina Ang Katalan | .033 | |
| | ND to K | | 7 | 2-3" | epi "patches" | 1.0 | | 117 | | 13 | 6184 | .01 | 002 | .12 | | .02 |
| | 5++ 60-80 | /20 | 60-80 | 3' | st3-chl-ser-(carb)-py-kph)-gr | | | | | | | | | · . | - 19 | |
| | str | | | | | | | | | | | | | · · | | |
| | 40-30 | | | | | | cp= chalcopyrite _ | | 99 | | | | • | | 035 | |
| | mod | | 40-80 | 10' | pt3-ch1-ser (carb)-py | 1.5 | | 127 | | 30 | 6185 | 01 | 002 | •12 | | . 08 |
| | 40-60 | 130 | | | | | | | A. A | | | | | | | |

| · · · | | | | | | | | | | | | | | | | | | |
|------------|--|-----------------------------------|-------------------|----------------|--|-------------------------------------|--|---------|------------------------------|---------------------|----------|--------|--------|------------|-------|----------|----------------------|-----------------|
| · . . · | C | | | | | | | | | | | · | | | | () () | • | |
| | | | | | | G | IBRALTAR | MIN | VES LIMITE | D | بەلەر | | | - | | | 91-23 0. <u>3</u> | |
| • • | ROCK TYPES | NOR H H H N N N | GRAP | HIC | Veins | Width | | Est | BOTTOM DEPTHS | | Estimoto | | | | ASSAY | | | |
| | AND ALTERATION | < TO CORE FOLIATION | Rr type & Allin D | Structure | < to Core Axis | of Vein | Mineralization | % Py | LIM. ZONE SUPERGENE | - Footogo Blocks | Core | R.Q.D. | SAMPLE | % Cu | 7. | % Zn | oz/ton Ag | Estimated Cu |
| · . | | | ск Б | is N | 7712 | | | | Remarks | | Recovery | | | | Мо | | Au . | Grade |
| | | medtostr 5-80 | | UN DE CACES | ? {0 | 10'3one 5" 2" | gtz-chl-ser-(arb)-py(sph) gr massive gtz-chl gtz-(ep)-sph | 1.5 | | 1/37 | 99 | 47 | 6186 | ·02 | 1002 | •57 | .046 | .04 |
| | | 1770d 60-80 | <u>5 140</u> | Communited and | | 9' 3one | gt3-chl-ser-py((corb))-(sph) gr-(cpi) | 2.0 | | 147 | 99 | 53 | 6187 | •03 | .001 | 1.80 | ·048 | •08 |
| | | | < <u>150</u> | UN H | 90 | 17z" | 8+3-(carb)-(chi) | | | | | | | | | | | |
| | leucocratic sone strivinchi | 1770d 70-80 | | HISCHING BOURD | 70-80 | | g/z - Ser -(carl)-py -(sph)(gr) | 1.5 | ↑ = increase ↓ = decrease | 157 | 100 | 33 | 6188 | .01 | .002 | •36 | ·024 | 03 |
| | - Rx becomes coarser in textur | | 160 | | | | st3-chl-ser-(carb) - py-sh gr | | | tile turi | | | | | | | | · · · · · · |
| | (1 in grain size) also appears - to be an increase in gtz > 30% from 163' to 172. Possibly a | mod 70-B0 40 | 4 4 A A | Columna 1 | | 3' 3me 6" | massive of 3-chl | 1.0 | | 167 | 99 | 80 | 6189 | •01 | ·001 | •31 | 026 | ·02. · |
| | transitional rock between- | סע | > 170 | | | | | | | 1.31 | | | | | | | | |
| | Mine Phase and Granite Mountain Phase Q.D. = 2 | ND to mod 60-80 | | | ? ~~80 7 | | 8+3-((< P)) 9+3-chl-ser-(carb)-py-spli- 9+ | 1,5 | | 177 | 100 | 70 | 6190 | <i>•03</i> | +001 | ·27 | ·042 | •03 |
| | | mod | 180 | | .o-Ba 5 | 5 ¹ /2 ¹ 30ne | qt3-chl-ser-(carb)-Py-(st) | | | | 99 | | | | | | 1050 | |
| | leucocratie zone. | str 60-80 | 190 | | 1. A. C. M. A. C. M. A. M. | will be free freedom in | st3- ser (carb)-py ot3-ch1-ser ((carb))(py) | 1.0 | | 187 | | 83 | 6191 | .06 | .001 | 1.33 | | . 05 |

| · · · · | | | | | | | | Ç | | | | | | | 5 | | |
|-----------|---|---|--------------------------------|--------------|---------|---|-----|------------------------|----------------|-----------|-----------|--------|------|---------------|--------|-------------|---------------|
| · · · · · | | | | | G | IBRALTAR | MIN | NES LIMITE | D _i | | 1. A. | | | | | 91-23 04 | |
| | ROCK TYPES | R H H H H | GRAPH | Veins | Width | | Est | BOTTOM DEPTHS | | Estimated | | | A | SSAY | RESUL | TS | _• |
| | AND | 0 1 0 1 0 1 0 1 0 | STOP 6 | e < to | of | | 1% | LIM. ZONE | Footage | 1 | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| | ALTERATION | < TO CORE FOLIATION | Rx type & Alla. Footoge DOT | Core Axis | Vein | Mineralization | Ру | SUPERGENE Remarks : | Blocks | Recovery | <u>л.</u> | NUMBER | Cu | Мо | Zn | Ag Au | C.L. Grado |
| | | mod +0 547 60-70 | 200 | | 6'30ne | gt3-chl-ser-(earb)-(py) (Sph) | 1+5 | | 197 | 100 | 77 | 6192 | ·02 | .001 | •30 | .032 | <i>10</i> Z. |
| | | rnod +0 Str 60-80 | < | 70? | 2" | chi-epi-(głz)-(py)-zph | 1.0 | | 207 | 99 | 33 | 6193 | •03 | • <i>0</i> 02 | •52 | .040 | .05 |
| | | | 1210 | 60-B0 | | gtz-chl-(py)-sph-(cp) | | | | | | | | | | | |
| | | mod to str 60-80 | > 220 | 60-80 | | 93-chl-ser=ry-eriller) 973-chl-ser=ry-eriller) | 1,0 | | 217 | 99 | 43 | 6194 | ·02 | .001 | •64 | ·045 | •0Z |
| | T in gtz. Rx similar to that from 163-172 | mod 20 - 70 +0 ND | \$ \$ \$ 230 | 30 ° | 14 a. 1 | ghs-chi - py-(gph) ((ep)) massive chl epi "stringers" | 1:5 | | 227 | 99 | 70 | 6195 | <.01 | -001 | •06*** | ·023 | 105 |
| | | ND to W12+0 mod 60-80 | 240 | | | gt3-chl-(ser)-PY-(sph) gr | 1.0 | | 237 | 100 | 63 | 6196 | .03 | . 001 | ,20 | ·034 | ·03 |
| | | WR (50-70 +0 (ND (| × × × | | | gtz-chl hem atz-chl -ser - py - gr | 0.5 | | 247 | 99 | 57 | 6197 | 03 | 001 | •12 | .030 | •02 |
| | = | | 250 | | | | | | | | | | | | | | |

| O D | anta ang Nang San Ng | • • • • • | | | | | | | · · · · · | | | | • • • • | \bigcirc | - | |
|-------------|---------------------------------|--|------------------------------|-----------------|--|-------------|---------------------------------------|---------|----------------|-----------|--------|----------------|---------------|------------|-------------|-----|
| | | | | G | IBRALTAR | · · · · · · | · · · · · · · · · · · · · · · · · · · | Ď | - | | | 2 4 12 1 | HOL SHE | E NO | 91-23 05 | 3 |
| ROCK TYPES | N N N N N N N | GRAPHI | d Veins | Width | | Est | BOTTOM DEPTHS | 4 | Estimated | 1 · · · · | | <u> </u> | SSAY | RESUL | TS. | |
| AND | < TO CORE FOLIATION | Rr type & Alla Footoge DO | <pre>< to Core Axis</pre> | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | F |
| ALTERATION | <u>∨₽</u> | R F | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Си | Мо | Zn | Ag Au | C |
| | m.ed 60-80 | | 4 | 3 11/2" 397e | 99-brx - hem -py gtz-chl-ser.py | 1.5 | | 257 | 99 | 53 | 6198 | .08 | .001 | 1.07 | .055 | • • |
| | | 7260 | | 3" | gt3-chl | | | | | | | | | | | |
| | WR 60-80 | | 60-80 | 2. Yz' 30ne | gt3-chl-ser-py-(sph) | 0.5 | | | 100 | 70 | 6199 | | | | .027 | |
| | | > > 270 | | | epi "streaks" | | | 267 | | ,- | 6/77 | .02 | ·001 | 24 | | |
| ↑in 60+3 {[| ND to WE 60-80 | <pre></pre> | 707 | γ 2 | epi - pie (py)-(sph) | 20.5 | pie = piedmontite - | 277 | 99 | 57 | 6200 | · <i>o</i> 3 | <•001 | -14 | ·024 | • |
| | Mid 70-80 | | 707 | | chi-py-(sph)-8r 99-br-hem | 0.5 | | 287 | 9 9 | 4:0 | 6201 | ,03 | <i>.0</i> 02 | ·10* - | 1027 | • 2 |
| | wkz 70-80 40 NO | 290 - 1 servell X X X X X X X X X X X X X X X X X X X | | | | 0.5 | | 297 | 94 | 50 | 6202 | •01 | ·002 | ·05 | 1017 | ,0 |
| | ND +0 | 300 ²⁰ | 70 | 1' 30ne | stringy" epi chl-py hem on fractures | | | | 98 | 40 | / 7 02 | | | | ·013 | |
| | włz 60 - 70 K | 310 | | n de seis e | atchy" epi | o•2 | | 307 | | 60 | 6203 | 01 | 002 | •03 | | •• |

| F | · · · | | | G | IBRALIAR | MIN | VES LIMITEI | \sum | | | | | | | <u>91-23</u>)6 | |
|------------|----------------------------------|---------------------------|---|--------------------|---|------|------------------------|----------|-----------|--------|--------|-----|---------|------|--------------------|--------------------|
| ROCK TYPES | R N N N | GRAPHI | d Veins | Width | | Est | BOTTOM DEPTHS | | Estimated | | | . A | SSAY | | | |
| AND | < TO CORE FOLIATION | type & Alla o togo DOT | e < to Core | of | Mineralization | % | LIM. ZONE SUPERGENE | Footogo | 1 | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | V L O L | Rx typ Foot | Core Axis | Vein | Mineralization | Рy | Remarks | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | C u. Grada |
| | mod 0 - 70 | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 8" 3one | gg-brx-hem 3 hem on fractures 8tz | 0.5 | | 317 | 98 | 33_ | 6204 | .01 | ·002 | ,21 | ·025 | .01 |
| | | 320 | | | | | | <u> </u> | | | | | | | t Ang | ste i ^t |
| | ND to mod 60-80 to | | ? 60-80 | 2" 3' 30ne | 8t3-ch1 8t3-ch1 - py-(5th)-(6p)) | 1.0 | | 327 | 99 | 47 | 6205 | •15 | 2.001 | •47 | 087 | •10 |
| | str 60-80 | 330 | 60-80 | 31/2 zone | 8+3-ch1-py-(5ph)-(CP) | | | | | | | | | | a star | |
| | Frod +0 5tr 60-80 +0 | | 60-80 | 4 6'30ne | 8f3-ch1-(6-+)-p)-(6ph)-cp | 2.0 | | 337 | 93 | 37 | 6206 | •19 | .004 | 1•74 | <i>.</i> 110 | •20 |
| | ٨D. | 340 | | | | | - | | | | | | · · · · | | | |
| | wk +0 mod 50-70 | | 5670 | 5'3 <i>o</i> ne | gtz-chl-py-sph (cp) | 1.5. | | 347 | 99 | 30 | 6207 | .05 | .001 | 1.05 | 1060 | •05 |
| | | 350 | | | l | | | | ļ | | | | | | | |
| | whe +0 mod 50-70 | | | | 0+3-ch1 - py-sph | 1.0 | | 357 | 99 | 63 | 6208 | .01 | 001 | ,42 | •027 | ·0Z |
| | k | 360 | | 1/2. ¹¹ | atz epi | | | | | | | | | | | |
| | wtz 50-70 K | | 30 | | Carb | | | | 100 | | | | | | 020 | |
| | +0 NP (| 370 | e- 40 | 18" | (ry)- 5 pb | o·5 | | 367 | | 67 | 6209 | ·02 | 002 ' | 24 | | .01 |

HOLF NO 91-23

HOLE NO. 91-23 SHEET NO. 7 OF 1

| | | γ····· | | 1. | | T | | | · | | | | | | | <u>OF_14</u> |
|---|--------------|---|------------|--------------|--|------------|------------------------|------------|-----------|-----------|---|---------------|------------------|--|--|--------------|
| ROCK TYPES | μ Ξ | GRAPH LOG Lootoge Lootoge | Veins | Width | | Est | BOTTOM DEPTHS | | | | | 1 + 1 | ASSAY | RESUL | TS | - - |
| 4140 | 82 | i € LOG | e < to | 1 | | % | LEACH CAP LIM. ZONE | - | Estimated | 1 | CHUDIC | ~ | 1 ~ | 1 ~ | | 1 |
| AND | o≰ | 3 G | Core | of | Mineralization | /0 | SUPERGENE | Footage | Core | R.Q.D. | SAMPLE | % | ~ % | % | Oz/ton | Estimated |
| ALTERATION | | to B | Axis | Vein | Miner Unzu uori | Ру | | 6% ocks | Recovery | 1.1.1.1.1 | NUMBER | Cu | Мо | Zn | Ag | Cu |
| | • œ | α L | | | | 1.7 | Remarks | | | | | Cu | MU | | Au. | Grada |
| | wk | × | 70 | 18 | Py-sph | 1 | | 1 | | | 1997 (B. 1997) 1997 - 1997 (B. 1997) | | | 1 . 1 | .033 | |
| · | 60-70 | k l | | | | | | | 99 | | | a sy R | | | | |
| | +0 | x 1 | | | | 10:5 | | 377 | | 50- | 6210 | .03 | 1001 | .56 | | 101 |
| [] = = = = = = = = = = = = = = = = = = | ND | 8 | 2 | | stringy" epi | | = | | | | | din di second | | | | 1 |
| | | K 380 | . <u> </u> | | | | | 1 | | | | | | | [| |
| | witz | | i. | | | | | 1 | 97 | | | | | | 1030 | |
| | 60-70 70 | | M. | | carb-brx (99) | | | | | | | | | | | |
| | str | | | ŀ. · | 1 is fair me | 015 | | 387 | | 3 | 6211 | 101 | 001 | -24 | | .01 |
| | 60-80 | 445 . E | 40-8 | 2' 300 ° | gtz-chl-Ger)-Py | | | | | | | | | an a | | |
| | | 390 | | 1011 | 99-brx. | | | | | | | | | | 1 | |
| | wtz 60-80 | ` | | 18 Jone | 99- D TX | | | | 99 | | | | | | .029 | |
| | +0 | < | | | | | | | | | | | | 100 A. | | ,01 |
| | po | < R | | | stringy" epi | 20.5 | - | 397 | | 47 | 6212 | .02 | 1001 | •17 | | |
| | | \$ 400 | | | | | | | 1 | | | | | | | |
| | mod | | | | | | | | | | | | | | | |
| | 60-80 | | 60-80 | 2' zone | gtz-chl-(ser)-py-(sph) | | 이 이 가지 않는 것이 물 | | .98 | | | | | | .021 | |
| | 40 | И | | | | 0.5. | | | | 13 | | | | | 5 - Sept. | |
| | NO |) | | | | <i>.</i> . | - | 407 | | 13 | 6213 | 02 | <u> <.001</u> | ·08 | | 101 |
| | | 2410 | | | | | | | | | | | | | ta de la composición de la com | |
| | | <u>, , , , , , , , , , , , , , , , , , , </u> | | | | | | | ł | | | | | | | |
| | ND | `, | | | | | | | 99 | | | | | | .026 | |
| 1 | +0 : | | | | stringy epi | <0.5 | _ | | | 53 | | | | .13 | | |
| | mod | 1 | | | | | | 417 |] | 55 | 6214 | .02 | 2.001 | | | 10) |
| | 50-60 | 420 | | | | | | e las | | · · · | | | | | | |
| | | | | | | | | | | | | ··· | | | ~ | |
| | mod | | | · . | | | | 1 | 99 | | | . 1 | | · · | 1013 | |
| in the second second second | 40-50 | | | | | 20.5 | | | | 23 | 6215 | | .001 | .12 | | 101 |
| | 1 . | l a k | 40 | , . . | | | 이 있는 말한 부 | 427 | | | | ·01 | | | | |
| <u>- ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ ^ </u> - ^ ^ ^ ^ | | 430 | | | 9's tearn | | | | | | | | | | | |
| | | | | بالبرجي جريد | ······································ | سهمت مستعم | | . <u>í</u> | L, | | I | | | <u> </u> | f | |

| an a | | | | | | | | | | · | | | | | | | |
|---|--|------------------------|--|--|------------------|-----------------------|------|---|----------|-----------|--------|--------|--------------------------|-----------------|-----------------------|-----------------------------|--------------------|
| | | | | an an an An Anna An An Anna An An Anna An | | | | | | | | | · · | | (, , , , | | |
| | | | | | G | IBRALTAR | MI | NES LIMITE | D | | | | · | | | <u>91-23</u> D. <u>8</u> | |
| | ROCK TYPES | К Ц Ц | GRAPHIC | Veins | Width | | Est | BOTTOM DEPTHS | _ | Estimated | | | . A | SSAY | RESUL | TS | |
| in an Maria References de la composition References de la composition | AND | < TO CORE FOLIATION | RY type & Alth BY type & Alth Footogo Structure | 1 | of | Mineralization | % | | Footoge | Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| | ALTERATION | P P P | Rx fyp Foot Struc | Axis | Vein | Millerunzution | Ру | Remarks : | - Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | C u Grade |
| | | 17.0d 30-50 | | 30 | 2" | 9tz-(arb) | 20.5 | | 437 | 94 | 50 | 6216 | .01 | .001 | .04 | 021 | .01 |
| | | | (440 1 | | | | | | | | | | n Line and the second | - | | | |
| | | mod | | | |](hem) on fractures | | - | | 98 | | | | | | 1017 | |
| | | 5+4 0 - 40 | | <u>.</u> | | (FY)-chl-(ser) | 0.5 | | 447 | | 27 | 6217 | .01 | .012 | ·02 | | 101 |
| | | | 450 | | 0 0 | | | = | | | | | | | | A Lord | · . |
| | | mod 30-50 | | | | } hem on fractures | | | | 99 | | | | | | ·022 | a seren A seren |
| | | +o | > - - - | | | epi "patches" | 20.5 | | 457 | | 23 | 62 /8 | .01 | 1001 | ,01 | | .01 |
| | slight t in gt 3 {= | סא | 460 | | · | er r | | | | | | | | | | | |
| | 이 가슴이 있는 것이 가슴이 있었다. 이 가슴이 나는 것이 가슴 성상이 가슴 | лл +0 | 7 | | | ep;``pstches'' | | | | 98 | | | | ur un ann. F | | ·023 | |
| | 실험은 가장에 있다는 것이다. 사람은 것이 가지 않는 것이 가지 않는 것이 가지 않는 것이다. | mod | ' | | | (hem) on fractures | 20.5 | | 467 | | 80 | 6219 | 101 | .002 | 01 | | ·0] |
| | | 30-40 | 470 | | 3″ 3 <i>0</i> ne | gg - br.x (hom) | | | | | | | | | | | |
| | u filming an unit of the <u>-</u> | mod 40-50K | 2 | | +"3one | gg-brx | | | | 97 | | | | | | 023 | |
| | vuggy core = | to mod | | | | | 0,5 | | 477 | | 20 | 6220 | <:01 | .001 | .01 | | 101 |
| | | 70-80 | 480 | / | z" sone | gt3-chl-ser.carb-(py) | | | | | | | | | | | |
| 012 | ared and crenulated] - chl - ser - (carb) alt'n,] e is very soft and | str 11 | String String | | 0'zone | gtz-chl-ser-carb-(Py) | | core has a str. crenulated pattern of alternating dr. green | | 80 | | (| | | | .034 | • 0] |
| bre dol | ats easily into "silver- lar" like pieces | | 4-90 | | 2 | y , , | 0'5 | | 487 | | 3 | 6221 | • 03 • | 002 | 02 | | |

 O_{i}

HOLE NO <u>91-23</u> SHEET NO <u>9</u> OF 14

| ROCK TYPES | N N N | GRAPHI | d _{Veins} | Width | | Est | BOTTOM DEPTHS | | Estimated | | | 1 | SSAY | | | _0F_ <u>14</u> |
|---------------------|------------------------|----------------------|--|-----------------------|-----------------------------|---------------|------------------------|--------------------------|-----------|-----------|--------|--------|--------|-----|----------|----------------|
| AND | < TO CORE FOLIATION | otage DOT | g < to Core | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | I | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimote |
| ALTERATION | v G | Ritipe & , Footag | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grada |
| | str | 2175 | 25-3448280 | | | | | | | | | | | 1.1 | .026 | |
| | 80-90 | 125555 | 11.21.21.21.21.21.21.21.21.21.21.21.21.2 | 10'30ne | (gt3)- ch1 - ser - carb (p) | 0.5 | | <u>-</u> - <u>497</u> | 70 | 0 | 6222 | 1011 . | .001 | .02 | | 10] |
| | | 2 500 | | | 2 99 - brx | | |] | | | | | | | | |
| | 5H+ 80,90 | 1771 | | | | | | | 70 | | | | | | .026 | |
| | | 25125 25222 | ž | 10' 30ne | (6+3)-chl-ser -carb (174) | 0.5 | | 507 | | 7 | 6223 | -01 | · 001 | ·01 | | •0]. |
| | str | 2510 | | | | | | | | | | | | | | 11 A. |
| | B0-90 | 1222 | | 7' 30ne | otz-chl-ser-carb-(Py) | | | | 98 | | | | | | 1026 | |
| mod. vuqq y ness {- | +0 mod 60-80 | 12122 | | | | 20.5 | | 517 | | <i>11</i> | 6224 | <:01 | ·003 | ·02 | | •0] |
| | ND | 520 | | | | | • |] | ł | | | | | | 1019 | |
| minor clay - | +0 |) (| | and the second second | otz-chl gg-brx + hem | <i>د</i> ه، ح | | 527 | 99 | 40 | 6225 | •01 | ·001 | .07 | | ·01 . |
| | wkz 40-60 | 530 | | | | | | - 7 - 1 | | | | | | | | |
| | WR . 40-60 | 7 | | | epi "streaks" | | | | 98 | | | | | | 02/ | |
| E | +• • | > 540 4 | | 4 3one | gg-brx -ser - ((py)) | 20.5 | | 537 | | 17 | 6226 | .01 | .002 | .05 | | •0] |
| | wk | > | | | | | | | 98 | | | | | | ·021 | |
| | 40-60 | 550 | 40-60 | 2'3one | gtz- chl-(ser) ((PY))-(sph) | 0.5 | | 547 | | 27 | 6227 | .02 | • 00 1 | •11 | | •02 |

HOLE NO. 91-23 SHEET NO. /0 OF 14

| MIEL |) | | | |
|------|---------|-----------|--------|---|
| PTHS | | | | |
| | Fordana | Estimated | SAMDIE | Ē |

| T | | 1 | - - | · | | | | | | | | | SHE | EL NO | 0. <u>/0</u> _ | _OF_ <u>14</u> |
|---|------------------------|-----------------|-------------|----------|---|------|---------------------------------------|---------|-----------|--------|---------|-------------|-------|-------|---|-----------------|
| ROCK TYPES | < TO CORE FOLIATION | GRAPH | IC Veins | Widt | | Est | BOTTOM DEPTHS | | |] | | | ASSAY | RESUL | TS | |
| AND | NE | e LOG | e < to | 1 | | 1% | LIM ZONE | Footoge | Estimated | | SAMPLE | % | 70 | % | oz/ton | Estimatod |
| | <u></u> <u></u> | type & Al | Core | | Mineralization | | SUPERGENE | Blocks | Core | R.Q.D. | | I | ^ | | <u> </u> | Cu |
| ALTERATION | VĽ | P.O.H. | Axis | Vein | | Py | Remarks | Diocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grade |
| | ND | k i i | * | 8"3me | gg-brx-hem | | - | | | | | | | | 1018 | · |
| | +0 | k . | | | | | - | 1 | 94 | | | | | | | |
| 1 in epi 550' to 585' - | mod | <u>ه</u> | 11/10 | | | 0.5 | | 557 | 27 | 3 | 6228 | .01 | .004 | 101 | | 101 |
| | 60-80 | | 60-80 | 5'zone | gtz-chl-ser.epi (174) | | | | | | | | | | | |
| | | <u>(</u> 560 | | 2' 30ne | J 99-brx-hem | | | | | | | | | | | |
| [14] - 김 씨가 감독 영화 가지 않고 두 두 | med | 8 | | | gt 3-chl - ser-epi (PY)) | | | 1 | 98 | | | | | | .019 | |
| | 60-80 | 1 | A . | 8.30m | Q: 3-Citi 2- | 20.5 | | 1 | | 3 | 6229 | .01 | .002 | .02 | | 101 |
| | | ě, | 4 | | | 1.1 | | 567 | · · · | J | | .0, | | | 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 - | 14 1 |
| | | <u>< 570</u> | 4 | | | | • • • • • • • • • • • • • • • • • • • | | | | | 1 | | | - 1 | <u> 19 19 1</u> |
| | | 2 | AL AL | 10" 30ne | 33-prx | | | | 99 | | | | | | .014 | |
| minor vuggyness _ 556'to 619' - | mod to str | | | | | 0.5 | | | | | | | | | | 101 |
| | 70-80 | | 70-80 | 9 300 6 | gtz-chl-ser-pi-(PY)) | | - | 577 | | 33 | 6230 | 101 | .003 | +01 | | |
| | | 580 | | | | | | | | | | | | | n te de la | |
| Extra Dark (vuqay) chl rich zone- | | | | | | | _ | | | | | | | | .020 | |
| mineralized with py-sph -(cp) = from 571 to 617' | mod +0 \$t+ | | | | LIN -LI Gov an Jow | | | | 99 | | | | | | | |
| | 70-80 | | 70-80 | 10 3 one | (8+3)-chl-(8er)-epi-(PY) ((6ph))-(ep) | 1.0 | | 587 | | 33 | 6231 | 102 | .001 | -02 | | .05 |
| | | | | | | | | | · | | | | | | | |
| | | 590 | | | | | | | ł | | | · · · · · · | | | | |
| 이 옷을 가 있는 것이 있는 것이 같이 많이 없다. | mod to | | | | | | | | 99 | | | | | | 1034 | |
| | str | | 70-80 | 10'zone | (ata)-chl-(ser)-py-sph | 1.5 | | | | 40 | 6232 | .04 | 1002 | .79 | | .08 |
| | 70-80 | | | | (CP) | | | 597 | | | · · · · | | | | 1997) 1997) | |
| | See. | \$600 | | | | | | | ļ | | | | | | | |
| | * | | | | | | | | 100 | | | | | | .031 | |
| | mod | | 70-80 | 10' 0 | 1) 11 (and average | 1.5 | | | | | (| | | | | .12 |
| | 544 | 0.11 | | in zone | (0t3)-ch1-(Ser)-py-sph 6pl | | | 607 | | 80 | 6233 | ·03 | 2:001 | .21 | | •14 1. (14) |
| | 10-80 | 610 | | | C. C. Statistical and the second s | | | | | | | 1.00 | | | | |

| | | | | | | | | | | • | | | | | | |
|------------------------------|------------------------|---------------------------------------|---------------------|---|--|------|---------------------|------------|-----------|--------|--------|-------|-------|--|------------------------------|-------------|
| | · · · | | | G | IBRALTAR | MII | NES LIMITE | D | | · | | · • . | | | <u>91-23</u> 0. <u>//</u> | |
| ROCK TYPES | R N N N | GRAPH | ^{IC} Veins | Width | | Est | BOTTOM DEPTHS | | Estimater | | | | ASSAY | | | |
| AND | < TO CORE FOLIATION | Footoge DO | e < to | of | Mineralization | % | | Foologe | Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | V L U | Ri typ Foot | Axis | Vein | | Ру | | Błocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu Grade |
| | mod | | 11110 | | | | | - | | | | | | 1 | .039 | |
| | 10-80 | | 10-80 | 9'30ne | gtz-chl-py-sph-cp | 1.5 | | - 617 | 100 | 63_ | 6234 | .07 | .001 | .10 | | .20 |
| | | 620 | 11111 | | | | | | | | | | | | | |
| | mod | | | | | | | | 100 | | | | | | .024 | |
| | 60-70 | | 1 | 8'30ne | epi "patch" gtz-chl - (py) - (sph)) | 0.5 | | 627 | , | 70 | 6235 | . 01 | 4.001 | .02 | | .05 |
| | | 630 | ŝ | | | | | <u> </u> | | | | | | | | |
| | mod | ζ, | 60 | 1¹⁴ - 12 121 - 122 | chl (massiur) | | | Ę | 94 | | | | | | . 018 | |
| | 50-60 | · · · · · · · · · · · · · · · · · · · | | | | 20.5 | |] | | 3 | 6236 | •01 | .001 | 101 | | +01 |
| wk to mod clay {= alt'in. | | >640 | | 7"3me | 99- brx | | | <u>637</u> | | | | | | | | |
| | ωĸ | ~ | | - | | | - | 1 | 89 | | | • | | | ·012 | |
| | +0 mod 60-70 | < > | | | | 2005 | | | | 3 | 6237 | ·01 | .001 | 2.01 | | •0j . |
| (= | | 650 | | 10" Zorne | (qq) - brx -(hem) | | | 647 | | | | 0. | | | | |
| | whe | | | 5" zone | gg-brx-hem | | | 1 | 94 | | | | | | .014 | |
| 같은 가는 것이 없어요. 25 전 가지 않는 | mod | , , | | | epi "patch" | 20.5 | | | 17 | 43 | 6238 | .01 | 1002 | 4.01 | | -01 |
| | 60-70 (| 660 | | | | | | 657 | | | | | | <u>` </u> | | |
| (| wk +0 | | | | | | sph and py are in _ | - | 99 | - | | | | | .026 | |
| minor vuqqyness | mod 50-70 | 11 CUMP | 50-70 | 6'zone | gtz-chl- py-sph-((cp)) | jio. | vuqqy viens | | | 37 | 6239 | 03 | .005 | .20 | | ·15 |
| | 50-1 | 670 | | | hem "staining" | | | 667 | | | | | .005 | ·38 | | |

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HOLE NO. <u>91-23</u> SHEET NO. /2 OF

| b | · · · · · | | | <u> </u> | | | NES LIMITEL | ر | · . | | | | | |). 12 | |
|------------|---------------------------|----------------------------------|-------------------------|----------|--|-------|----------------------------|------------|-----------|--------|--------|------|------|---------------|----------|-------------|
| ROCK TYPES | N N N N N | GRAPH | Veins | Width | | Est | BOTTOM DEPTHS LEACH CAP | | Estimated | | | A | SSAY | RESUL | TS | |
| AND | < TO CORE FOLIATION | Rx type & Alla Footoge OC | er < to Core Axis | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | 1.1.1.1.1 | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimoted |
| ALTERATION | , О К | Rx ty Foo | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu Grode |
| | WR 60-70 +0 ND | | 65 | 1" | 8 <i>†</i> 3 | 20.5 | | 677 | 99 | 53 | 6240 | .01 | .003 | -01 | ,014 | ·0) |
| | WZ 60-70 +0 NO | > <u>680</u> < > | 110. | 3'3one | σtз-chl-(εрі)-((рч)) | 2015 | | 687 | 100 | 63 | 6241 | •01 | ·001 | •0] | •014 | ,0] |
| | WR 60-70 +8 ND | > <u>690</u> < ; ; ; | | | | 20.5 | | 697 | 100 | 63 | 6242 | ,0] | ·003 | <u>ر، ہ</u> ا | •015 | +0] |
| | 40 40 40 40 | > 700 < < < 7/0 | |) | }(hern) on fractures 8t3-chl-(3er)-((PY)) | 2:0:5 | | <u>707</u> | 100 | 57 | 6243 | . 0) | .006 | < 10] | ·017 | •0] |
| | 60-70 WZ 50-70 | <pre>> 770 </pre> | 113111111 | уz" | | 20.5 | | 7/7 | 100 | 70 | 6244 | ·03 | ,003 | < '01 | ·021 | ,01 |
| | wkz +0 mod 40-60 | < < < > 730 | | | epi "potch" them:"staining" | 2015 | | 727 | 99 | 60 | 6245 | .01 | 1001 | · [| ·015 | • 0) |

| | × | | | G | IBRALTAR | MIN | IES LIMITE | D | - | | | | | | <u>91-23</u> | OF_14_ |
|--|---------------------------|---|--------------|------------------|---|------|-------------------------------------|----------------------------------|-----------|--------|--------|------|-------|--------------|--|-----------|
| ROCK TYPES | ш К И | GRAPHI | Veins | Width | | Est | BOTTOM DEPTHS | | 1 | | | | ASSAY | | | |
| AND | < TO CORE FOLIATION | Do to se Alfa | e < to | of | | % | LEACH CAP LIM. ZONE SUPERGENE | Footogo | Estimated | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | F0 F0 F | Rx type & Al Footoge | Core Axis | Vein | Mineralization | Ру | Remarks : | - Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu |
| | wiz +0 mod 50-70 | < < 740 | 70 | 4" 4' zone | massiu a gtz-chi gtz-chi-py-(sph)-(cp)) | 0.5 | | 737 | 99 | 47 | 6246 | 102 | . 00/ | .03 | .025 | •04 |
| minor vuqqyhess - | włz to mod | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | 20.5 | | - - - - 7 <u>4</u> 7 | 98 | 27 | 6247 | •01 | ,002 | .01 | •014 | -02 |
| ↑ in epi { | 60-70 | 750 | 60-70 | } 4 1/2' zone | gt3-chl-epi ((py)) | | | 1 | | | | | | | $\frac{1}{2} \frac{1}{2} \frac{1}$ | |
| | wk 60-70 | | | J | | <0.2 | | 757 | 99 | 40 | 6248 | •01 | .003 | •04 | ·017 | -01 |
| | | ¢ 760 | 70 ? | 7" | gtz-epi-(chi) | | | 1 | | | | | | | | |
| | wtz mod 50-70 | > < > 770 | 50-70 | 2°3071e | @t3-cht-(ру)-(sph)-(sp) epi - pie"patch" | 0.5. | | 767 | 100 | 83 | 6249 | •03 | • 00] | ÷ō | ·024 | •08 |
| fine grained "dikelike" {- 30ne - grain size = 116" | ٩ų | 780 | | | massive gtz-chl-epi 8tz-chl-carb -(cp) | 2015 | | 777 | /00 | 87 | 6250 | 101 | +∞2 | • 03 | ·020 | •03 |
| | ND 40 WZ 70-80 | > 110401 · 1790 | | /2". 2' 30n e | 873 873-ch1-((py)) | (0.5 | | 787 | 100 | 57 | 6251 | <:01 | 1001 | ۲ ,01 | .015 | •01 |

HOLE NO. 91-23

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SHEET NO. 14 OF 14 Rx type & Allin. Footogs OOT Structure < TO CORE FOLIATION BOTTOM DEPTHS ASSAY RESULTS Est ROCK TYPES Veins Width LEACH CAP Estimat < to % AND LIM. ZONE SAMPLE % % % Foologo OZ/ton Estimated of R.Q.D. Core Core Mineralization SUPERGENE Cu ALTERATION Blocks Ag Axis Ру NUMBER Zn Vein Remarks : Cu Мо Recovery Grade Au small "patch" pie 014 ND 99 +0 8+3 20.5 80 Y2: :01 6252 57 2:01 002 11:01 ωŻ 797 50-70 800 otz ((carb)) 015 70 72 ND 100 +0 20.5 33 101 ·003 <·01 6253 -01 WE . 60-80 807 END; OF HOLE 807

| | | | | (| SIBR | ALTAR MIN | ES | | AITED t surveyed | | | | • • | | | | 91-24 1 OF | |
|------------------|--|------------------------------------|---------------------|--|---------|--------------------------------------|--------|---------|---|----------|----------|----------|--------------|----------|-------|--|-----------------|---|
| | LOCATIONGibraltar Nor | th | B | EARING | | LATITU | DE | | 55330 N | CC | RE S | IZE _ | NQ | 1.00 | GFD | RY G | . E. Bar | rker |
| | DATE COLLARED June 3, | 1991 | | ENGTH_ | 987 | ft. LONGIT | UDE | ≈ ; | 38380 E | 50 | ALE | |)G $1'' = 1$ | | | | | |
| | DATE COMPLETED | 5, 1991 | D | IP | -90 | | | · | 2871 ft. | | MARK | e - 199 | , <u> </u> | - DA | | <i>F </i> | <u>···</u> , ·· | |
| ł | | ιω | | | 1 | | Est | | ottom depths | | | <u> </u> | | | | · · · · · · · · · · · · · · · · · · · | | |
| | ROCK TYPES | CORE | SLOG | veins | s Width | | | LEAC | H CAP | | Estimato | 1 | | <u> </u> | ASSAY | RESUL | TS | |
| | AND | NO | type & All otogo | e < to | of | . Mineralization | % | | ZONE ZO' | Footage. | Core | R.Q.D. | SAMPLE | . % | % | % | oz/ton | Estimoted |
| | ALTERATION | TOFOLIA | Rx type Foot | t Core | Vein | Mineralization | Ру | | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu Grodo |
| | 이 같은 일이는 것은 같은 같은 것 | 4 | | | | | | | | 1 | | | | | | | 1 | |
| | CASING TO 10' | | | | | | | | , i i i i i i i i i i i i i i i i i i i | | | | | · · · | | | | |
| | | | | | | | | | |] | | l · | | | | | | |
| L | | | 10 | | | | | | · | 10 | | | . | | | | | |
| | MINE PHASE QUARTZ DIORITE | | K, | 1 | | minor limonite + mnoz down to zo' | | | | | | | 1.1 | | | | 012 | |
| | 50 % plagio clase Feldspar | wk | k i | <u>î la san san san san san san san san san sa</u> | | | | | 성장에서 가격 프 1987년 - 1987년 프 | | 85 | | | | | | | |
| | 20% matics "chlorite" | 40-50 | 2 | | | | 20.5 | | weak = | 17 | Ų, | 27. | 6254 | 101 | .002 | 105 | | .01 |
| | 30% guartz | - | 20 | | | | | | dly broken rock = | | | | | | | | | |
| | Rock is moderately | | k C | | | | - | alt'n = | alteration - | 1 | | | | | | | | — ——] |
| | sauceritized. With various alt'n. zones noted | - WR +0 | k 1 - 1 | | | | | | epidote = | | 99 | | | | | | '036 | |
| | on the graphic log. | mod | 7 | 2 | | | 60.5 | CD = | chalcopyrite - | | | 73 | 6255 | 103 | <.001 | 106 | | .01 |
| | on the graphic log. Sulphide minerali sation | 50-70 | K I | 50 | 78" | ері | | ALL Z | quarts | 27 | | | | | | | | |
| $\left \right $ | is found mainly in the - altin zones and consists - | | / <u>30</u> (| | | | | PY = | garnets - | | | | | | | | | 21 - 21 - 21 - 21 - 21 - 21 - 21 - 21 - |
| | of py-sph-(op) | mod | 2 | | | | | 97 - | garners - | | 100 | | | | | | .021 | |
| | grain size 132 - 18" ave = 110" - | 50-70 | ζ. | \$ 50-70 | 7" 30ne | 8+3-chl-py-sph-gf | 0.5 | | | | | 63 | 6256 | +01 | 1002 | 12 | | .02 |
| | normal Mine Phase Q.D (generally barren) | | ٤ | \$ 60-70 | 6"30ne | 8+3-ch1-(pv)-(sph) | | () = 15 | ninor amount | 37 | | | 0236 | 1.07 | .002 | •/3 | | .02 |
| ľ | | | 40 | | | | | | | | ļ | | | | | | | |
| | Chlorite darkened Mine - Phase Q. D. | mod | > | N . | | | | | | · . | 99 | | | | | | 022 | |
| 4 | Dark chlorite-sericite | | < | | | | 1 | | | | 11 | | 6257 | | | | | .01 |
| | ast two zones generally - | 60-80 | 2 | | | | 20.5 | | 4 | 47 | | 60 | 6257 | :02 | .001 | ·02 | | |
| | mineralized. | | > 50 | | | | 1.25.1 | | | | | | | | | | | |

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| | | | | G | IBRALTAR | MIN | NES LIMITER |) | * * | | · · · | • | | | <u>91-2</u> | 4 0F17 |
|--------------------|------------------------|---|-----------------|------------------------|--------------------------------------|-----|-------------------------------------|---------|-----------|--------|----------|-----|--------|-----|-------------|-------------|
| ROCK TYPES | N N | GRAPH | Veins | Width | | Est | BOTTOM DEPTHS | | Estimated | | | | ASSAY | 1 | | |
| AND | < TO CORE FOLIATION | type & Alln. | e < to Core | of | Mineralization | % | LIM. ZONE SUPERGENE | Footope | | R.Q.D. | SAMPLE | . % | % | % | oz/ton | Estimated |
| ALTERATION | ₽ | RX tyr | Axis | Vein | | Py | Remarks : | Blocks | Recovery | | NUMBER | Cu | Mo | Zn | Ag Au | Cu Grada |
| | mod 60-80 | · · · · · · · · · · · · · · · · · · · | 1000-80 70 | 5'3 <i>o</i> ne V4" | gtz-chl-ser-py-sph pie | 1.5 | Ser = sericite pie = piedmontite | 57 | 98 | 50 | 6258 | .03 | .001 | ·38 | ,046 | .02 |
| | wk to mod | | 60-80 | 10'zone | gt3-chl-ser(py) (sph)-epi | 110 | 99= 9°"9¢ | | 90 | 10 | 6259 | .02 | .001 | .04 | .013 | |
| | 60-80 | 70 | | 1/2' 30ne | 9g - | | brx = broken rock - | 67 | | | <u> </u> | | | | | _ |
| | mod 70-80 | | | 8"3me 10'3one | 9g-brx gfg-chl-ser-(py)-(sph) | 1.0 | | 77 | 97 | 7 | 6260 | •03 | .002 | ,20 | ·03Z | •01 |
| | | 80 | | | | | | | | | | | - | | | |
| miñor vuggyness | mod 70-80 | | 70-80 | 711' zone | gt3-ch1-ser-py-(sph) | 1.5 | | 87 | 92 | 10 | 6261 | •02 | .001 | 129 | ·033 | •0] |
| | | 90 | | | | | | | | | | | si | | .026 | |
| | wk mod 70-80 | × 1 | | | | 1.0 | | 97 | 7.7 | 60 | 62.62 | •01 | 1001 | •14 | | .01 |
| | | 100 | 70-80 | 5'zone | g+3-ch1-(ser)-(py)-(sph)-pie | | | | | | | | | | | |
| | wtz to | × | | | | 0.5 | carb- carbonate | | 100 | 60 | 12/7 | 01 | 1001 | •15 | .025 | .01 |
| E | mod 70-80 | , | 80 1 70-80 1 | Sec. 16 | otz-chl-carb otz-chl-(ser)-py-sph | | | 107 | | 50 | 62.63 | | | | | |

| | | | • | | | | | | | | | | | • | | | |
|-----|--|------------------------|------------------------------|------------------------|-------------|--|------|---------------------------|-------------|-----------|--------|-----------------|------------------|-------|-------|------------------------------|---------------|
| . 1 | | | · · · | | | BRALTAR | MII | VES LIMITE | D | | | | | | | . <u>91-2</u> 0. <u>3</u> | |
| | ROCK TYPES | КZ Ш | GRAPH | Id Veins | Widt | | Est | BOTTOM DEPTHS | 1 🖓 | Estimated | | | | ASSAY | RESUL | .TS | |
| | AND | < TO CORE FOLIATION | Rx type & Alla Footoge DO | 1 . | | Mineralization | % | | Footage | | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| - | ALTERATION | v۲ ۲ | Froot | e < to Core Axis | Vein | a da anti-arresta da seria de la composición de la composición de la composición de la composición de la compo Este de la composición | Ру | Remarks | Blocks | Recovery | | NUMBER | Си | Мо | Zn | Ag Au | C u. Grodo |
| | | ωż | > | 2 70-80 | 1' 3one | sta-chi- py - sph - pie | | 1 = increase | | 100 | | | | | | .018 | |
| | Q.D has a "fresher" look; chl - often looks black, possible tin - | 70-80 +0 | K | | | | 20.5 | ND= non directional - | 117 | 100 | 100 | 6264 | .01 | 2.001 | .03 | | , 101 |
| | 8tz., grain size slightly larger- 111' to. 166' | WD WZ | > 120 | 4 ? | 2" | et3 | | | | | | | | | | 1023 | |
| | | 70-80 +0 |) (| 370 | ¥2×5 | gtz-chl-py-sph | 0.5 | | | 100 | 73 | 6265 | | | | | |
| | | ND . | () 130 | | | | | | 127 | | /3 | 6260 | •01 | (100) | 104 | | •01 |
| | | NĐ | $\langle \rangle$ | £. | μ. | "coarse" SW gt3+chl-carb | | Sw= stock work - | | 100 | | | | | | .032 | |
| | | to Wz | | 60-80 | 11/2 30ne | 8t3-ch1- py-sph-((cp)) | 0:5 | (()) = very minor amount | 137 | , | 83 | 6266 | 102 | .004 | .15 | | 105 |
| | <u> </u> | to mod 60-80 | 7 140 | = 75 60 | Y2"×2 Yz | 8+3 epi | | | <u> </u> | | | | | | | | |
| | | wk | | 60-70 | 3" 307 e | gt3-chl-(ser)-py-sph | | | | 100 | | | - | | | 1019 | |
| | | 60-80 | / / / | | | | <0'5 | | <i>j</i> 47 | | 67 | 6267 | 101 | ·002 | .06 | | •01 |
| | | | > 150 | | 2"" "patch" | epi | | | | ļ | | en de . Nord | | | | .015 | |
| | | םא א | , | ? | 172" | | 2015 | | | 95 | 77 | 1210 | | | | 013 | •01 |
| | | e e e | > 7 160 | | 3" patch" | g [†] 3 epi | ~0'0 | | 157 | | | 6268 | <·01 | ·002 | 2.01 | | -, |
| | | NDK | × | | | | | - | | 100 | | | | | | .023 | |
| | | +0 50-70 | | | 4" zone | qtz-ch) -(ser) (py)-sph-po | 0.5 | | 167 | | 87 | 6269 | • 0,1 | 1001 | .12 | | • 01 |

Shideses.

| | | 2.4 | | G | IBRALIAR | MIN | VES LIMITE | D | · · | • | | | | LE NO. EET NO | | |
|---------------------|------------------------|---------------|-------------------|-----------------------|--|-------------|------------------------|---------|-----------|--------|--------|---------|-------|------------------|----------|--------------|
| ROCK TYPES | N N N | GRAPHI | IC Veins | Width | | Est | BOTTOM DEPTHS | | Estimoted | | | Ā | | RESUL | | <u> </u> |
| AND | < TO CORE FOLIATION | GRAPHI LOG | e < to | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | ∧ _G | RX IN | Axis | Vein | minerolization | Ру | Remarks | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | C u Grade |
| | wE 60-80 | <pre></pre> | | 5" zone 3' 3/4" | 8ts-ch1-(94)-59h 9ts-epi 8t3 | 20:5 | | 177 | 99 | 90 | 6270 | +01 | 1001 | •13 | ·02.7 | |
| | włz 60-8° | | 10-80 | 2 3010 | gt3-chi-py-sph-pie | 0.5 | | 187 | 100 | 100 | 627/ | (اەن ک | 2.00j | .01 | 020 | · 0j |
| | wiz 60-80 | | | 3" 3me 2" | (99) - brx -hem massive chl +8tz | <0·5 | hem = hemitite | 197 | 100 | 70 | 6272 | •01 | .002 | ·02 | i026 | •01 |
| leucocratic zone (- | ND +0 60 70 | > 200 | | 6'30ne | 8 ⁴ 3- corb - (epi) ((chi)) ((pri) | <0·5 | | 207 | 100 | 57 | 6273 | 2.01 | .001 | 107 | •020 | •01 |
| | wtz < | > 220 | 1 | Y4"×4 3" 30ne | epi - pi Gtz-chl-(pu) -((=ph)) | 2015 | | 217 | 100 | 50 | 6274 | •01 | ·∞1 | •01 | ,023 | •0) |
| | wtz +0 +0 ND | , 230 | 7 0-8 0 4 | 4" zone (| gtz-chl-py (sph)-pie | 6 .5 | | 227 | 100 | 67 | 6275 | .01 | .001 | .08 | 017 | •0) |

CIDDAL TAD MINICO I HATTE HOLE NO 01_24

SHEET NO. 5 OF 17 < TO CORE FOLIATION Rx type & Alfin Footoge OTH Structure BOTTOM DEPTHS ROCK TYPES Est ASSAY RESULTS Veins ÷. Width LEACH CAP -ctim < to % AND LIM. ZONE SAMPLE % % Footage % of OZ/ton Estimated R.Q.D. Core Core Mineralization SUPERGENE ALTERATION Cu 6locks Ag Au Axis Vein Py NUMBER Zn Cu Remarks : Recovery Mo Grade ND 021 3" 873 +0 99 0.5 83 101 6276 101 1001 .18 chl 237 mod 60-80 gtz-chl-(ser) - py-(sph) 60-80 1-4 3me sar :023 100 wite +0. 93 1.5 6277 02 .003 mod :01 27 61/2 zone gtz-chl-py-(sph)-pie 247 50-70 50-70 . . 250 034 100 wk Thod _ 10'zone gtz-chl-py-sph-(pie) 1.5 83 50-70 6278 02 .002 .03 ·30 50-70 2<u>57</u> 260 040 mod 100 77 80-70 30-70 10'some gtz-chl-py-sph-(ser) 2.0 6279 .03 .98 003 .oz 267 270 036 wtz. 100 40 10' 3one gt3-chl-py-(sph)-pie mod 70-80 1.5 90 6280 .01 ,02 1001 .32 2.77 70-80 280 str = strong 1023 mod to str. 100 10. 1.0 80 .002 .18 6281 .02 5' zone mod. crenulation 287 gtzchl -py-sph-pe 20-70 20-70

287 to 292'

HOLE NO. 91-24

1.28

| | | LIMITED |
|---------|--|---------------|
| | | |
| | | |
| | | 1 11/11 11:13 |
| 0.0.0.0 | | |
| | | |

HOLE NO. <u>91-24</u> SHEET NO. <u>6 OF 17</u>

| | ш Ш | GRAPHI | d | 1 | 1 | Est | BOTTOM DEPTHS | | 1 1 1 | 1 | 1 | | ASSAY | | | <u>0+_1/</u> |
|--|------------------------|----------|---------|------------|--|-----------|---|---------|-----------|---------------------|--------|---------|--------------|-----------------|-------------|--|
| ROCK TYPES | < TO CORE FOLIATION | I = 1 OG | venis | Width | | (· . · · | LEACH CAP | | Estimated | ı | | · · · | 13341 | RESUL | 15 | T |
| AND | N 10 | Frantage | e < to | of | | % | LIM. ZONE | Footogo | Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | F J | type | g Core | | Mineralization | | SUPERGENE | Blocks | | | NUMBER | | | · · · · | Ag | Cu |
| | ՝ Կ և, | Å H | Axis | Vein | | Py | Remarks : | | Recovery | | NONDER | Cu | Mo | Zn | Au | Grade |
| 1 | | | | | | | - | | | | | | | | .040 | |
| | mod | | 20-70 | 612 zone | gtz-chl-py-sph | | | | .99 | | | | 1.1.1. | 1.1 | | le se la |
| . 이번 이 아이는 것 같아요. 말하는 것 같아요. | 20-70 | | | | | 2.5 | | 297 | | 73 | 6282 | 103 | 1001 | 1.30 | | 8 |
| | | 300 | | 3 312 zone | massive at 3-ch/ (corb)-sph (PY)-((CP)) | | | | | | | | a at a | | | |
| | | | | 9 | <u>(PY) - ((CP))</u> | | | | | | | | | | | <u> </u> |
| 에는 소설을 가려면 사람이 있는 것이다. | | | | | | | | | 99 | | | | le a l'hange | | .030 | a de la composición de la comp |
| | WR to | | 40-60 | 10'zone | gt3-chl- py-sph-pie- | 2.0 | - | | 11 | 77 | 6283 | .02 | .002 | .60 | | .05 |
| 1 1 | mod | | | 5 | (CP)) | | - | 307 | | | 0203 | 102 | 002 | 1.90 | | |
| | 40-60 | 310 | | | | | | | н | $f_{\rm eff} = 1.5$ | | | | | | |
| | | | |) | | 199 | E Contraction of the second | | | | | | | | .044 | |
| | mod | | | 1 | | | _ | | 99 | | | | | | | |
| minor vuqqyness {] | 60-80 | | 60-80 | 11 zone | gt3-chl-(ser)-py-sph- | 15 | | 317 | | 43 | 6284 | ,03 | 1001 | ·79 | | .20 |
| .E. (* 1997) - E. (* 1997) - E | | | | | | | | 511 | | | | | | | | |
| | k | 320 | | <u> </u> | | <u> </u> |] | | | | | | | 1947 - 19 19 | | |
| | WRK | 1 - | | | | | | | 99 | | | • • • • | | | <i>•036</i> | 1997 - 1997 - 1997 - 1997 1997 - |
| eucocratic 37 | | <u>'</u> | 60-90 | 7'zone | gt3-carb-(sph)-pie((py)) ((chi)) | 1.0 | | | | 67 | 6285 | .03 | .001 | .72 | | .10 |
| 30ne | 60-80 K | 1 | | | ([cni) | | | 327 | · | | 0200 | | 1001 | /- | | -70 |
| | 1 | 330 | 60-70 7 | 2'zone | 8+3-ch1-sph-py-(cp) | an di | | | | - 1 | | | | | | |
| | | | | | | | - | | Ī | N | | | | | 070 | |
| | wh | / | | | A diff only one loop | | | | 100 | | | 1.1.1.1 | | | - · - | |
| [상태의 19] - 김희 영화의 영화 - 북동 | to mod | | 40-70 4 | ozone | gtz-chl. sph-py-(cp) | 2.5 | - | 337 | | 80 | 6286 | ,04 | .003 | 1.41 | | .18 |
| | to - 70 💡 | | | in est | | 18 - La C | - + | | | | | | | | | |
| | — | 340 | | | | | | | - F | · · · · · | | | [| | | |
| | wrk | ′ - - | | | | . | | | 100 | | | | · · · | | 046 | |
| | b | / | | | | | | | | ~ | (202 | | 00 | 1.27 | | |
| E and the second se | 60-7° | | | | | 1.0 | | 347 | | 93 | 62.87 | 04 | | 1.71 | | .05 |
| | k | 350 | 60-78 4 | t'zone | gtz-chl-(sph)-py ((cp)) | | <u> </u> | | | | | | | | | |

| | | ···· /2 | | | | | | | | | | | | | | | |
|---|---------------------------|----------------------------|--|--------------------------------|-------------|------------------------------------|------|--|---------|------------------|--------|----------|----------------------|--------------|-----------------|-------------------------------|---------------|
| | | | | | | | | | | | | | | | () | | |
| | | 1 | | | <u> </u> | BRALTAR | | NES LIMITE | D | · · · | | . | | SHE | ET N | 0. <u>91-2</u> 0. <u>7</u> | |
| | ROCK TYPES AND | < TO CORE FOLIATION | | ^{IC} Veins ខ្ល< to | Width of | | Es | LEACH CAP | Footage | Estimated | | SAMPLE | 1 | ASSAY | RESUL | 1 | Estimated |
| | ALTERATION | FoLIZ | Rx type & Alth. Footoge DOT | Axis | Vein | Mineralization | Ру | SUPERGENE Remorks : | | Core Recovery | R.Q.D. | NUMBER | Cu | Мо | Zn | Ag Au | C u. Grade |
| | | Fried 50-70 | | 20-70 | 51/2 zone | qf3-chl-(ser)- py-sph | 1.5 | | 357 | 100 | 80 | 6288 | 10 10 10 10 | .002 | 1.11 | ·088 | ,02 |
| | | | 360 X | 60-70 | 2' 3one | gt3-ch)-(ser)-py-(sph) gt3 | | | | | | | | | | .028 | |
| | | ND +0 WZ 60-80 | () () () | | | | 20.5 | | 367 | 100 | 90 | 6289 | 102 | <i>.0</i> 02 | •32 | 020 | 101 |
| | | mod 60-80 +0 ND | 370 | 60-80 | 5'3me | gt3-chi-(s=r)-P4-sph- pie | 1.0 | | 377 | 100 | 83 | 6290 | •02 | ,002 | ,52 | ·028 | •02 |
| • | | | <u>\$ 380</u> | | | | | | | | | | | | | + 20 | |
| | | ND to mod 50 = 79 | | 50-70 | 4' zone | ət3-chl-(ser)-py (sph) | 110 | | 387 | 100 | 70 | 6291 | •04 | ·002 | 83 | ·038 | ·02 |
| | | mod 60-80 | 390 | | | | 1.5 | | | 100 | | | | | *** | ·026 | |
| | minor vugayness | p | 400 | | | | | | 397 | | 53 | 6292 | .02 | .002 | •64 | | •01 |
| | core is fairly soft and _ | | 10000000000000000000000000000000000000 | 60-80 | 10'zone | 8+z-ch1-ser-(corb)-(py) ((sph)) | 1.0 | Crenulated core has a pattern of alternating dark green, creamy while and light yellowy orange bans | 407 | 100 | 87 | 6293 | 103 | 1.001 | .83 | ·033 | ,01 |

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| GIBRALTAR | MINES | LIMITED |
|-----------|-------|---------|
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| | | | | G | IBRALTAR | MIN | NES LIMITED |) | • | | | • | | | 91-2 0. <u> </u> | |
|------------|--|--|----------------|------------------------|--|------|---|---------|-------------------|--------|---------|------|------|-----|---------------------|-------------|
| ROCK TYPES | Ш Ш Ш | GRAPHI | d Veins | Width | | Est | BOTTOM DEPTHS | · - | | | | | SSAY | | | <u> </u> |
| AND | < TO CORE FOLIATION | Rx type & Alla Footoge DOT | e < to Core | of | Mineralization | % | LEACH CAP LIM. ZONE SUPERGENE | Footage | Estimated Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimotod |
| ALTERATION | v۳ ۲ | 4 KK 1/2 | Axis | Vein | | Ру | Remarks | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu Grado |
| | mod -to 51-80 | | 50-80 | 10' zone | 8 ¹ 3-chl-ser-(corb)-(pu) (sph) | 1.0 | | 417 | 100 | 77 | 6294 | 102 | .001 | ,29 | ·029 | . 0] . |
| | trod to str io-80 | ALLONIA CLAINE MULLI | 60-80 | 6'zone | 99 - brx 973 -chl-ser-(carb)-(Pu) (sph) 973 -chl-(ser) - py-sph | 1.0 | | 427 | 100 | 77 | 6295 | •02 | .002 | •67 | •022 | ·02 |
| | rnod stf 60-70 | 430 430 430 430 430 430 430 430 | | | gtz-ch-(sen-py-sph- (EP)) | 0.5 | | 137 | 100 | 43 | 6 2 9 6 | •09 | .001 | ,29 | 064 | ·08 |
| | wte to str 35-70 | ~ | 35-70 | 2° 3074 | gtz-chl-ser-karb)-(py) | 2015 | | ·47 | 100 | 63 | 6297 | ,01 | 001 | ·03 | ·016 | •02 |
| | mod +0 5tr 40-80 | 511111 | 40- <i>8</i> 0 | 0'zone | g t3-ch]-ser-kavb)-((pr)) | 0.5 | f 1' zone with small tension gashes around cove | 57 | 98 | 23 | 6298 | <·01 | ,001 | 01 | 023 | .01 |
| | mad +0 ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ ++ | 1220000 | | 2' zone 1/2' zone q | t3-chl-ser-(carb)-((py)) | 1:0 | 46 | | 93 | 17 6 | 6299 | .03 | 002 | | io34- | .02 |

-(ser) - Py

ch

nt 3.

60-80

È

470

70-80

2'zone

HOLE NO. 91-24 SHEET NO. 9 OF 17

| | L w | PO A DUIZ | 1 | | <u> </u> | 1-1 | 1 | | 1 | | 1 | | | | _ | _OF_1/ |
|---|------------------------|---|----------------------|-------------------------------|-----------------------------|--------------|---|----------|-----------|--------|--------|------|------|--------------|-------------------------------------|---|
| ROCK TYPES | N N N | GRAPHIC | venis | Width | | Est | BOTTOM DEPTHS | | Estimated | | | A | SSAY | RESUL | TS | |
| AND | < TO CORE FOLIATION | Ra type & Allin. Footoge DT | < to Core Axis | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | - 11 A. | R.Q.D. | SAMPLE | % | % | % | oz/ton | l Estimate |
| ALTERATION | vײ ₽ | RX 1 Fro | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu |
| | | | 60-80 | 5' zone | qfg-chl-(ser)-py-sph | | | | | | | | | | 021 | 1 |
| la se a service se se la contra de la service de la se La service de la service de | 10-80 40 | | | | | 0.5 | | 4 7 7 7 | 94 | 7 | 6300 | .01 | 1001 | .41 | | .01 |
| | AN | 480 | | 6" zone | 39 - br× | | | 477 | | | | | | | | |
| | | < 7 | | | | | | | | | | | | | 1009 | |
| | mod 60-80 | <pre>K</pre> | | | | (0.5 | | | 99 | | - | | 0.07 | 101 | | |
| | | 7 | | an Francisco Sector Sector | | | | 487 | | 37 | 6301 | ·0] | ,002 | .07 | | 10 |
| | | ×490 ≀ | | 2" 30ne | gg-prx | <u>.</u> | | | | | | | | | | |
| | mod to WE | | | | 1 | 205 | | | 100 | | | | | | <i>1</i> 007 | |
| | co-80 | 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | 497 | | 80 | 6302 | (101 | ,003 | ,04 | e e La constante La constante | 101 |
| | | < 500 | | | | | | | | | | | | | | |
| | whe to mod | (] | | | | | | | 99 | | | | | et en set | 710 | |
| | 60-80 | () | | | | 1.0 | | 507 | | 37 | 6303 | .01 | 1001 | .19 | | .01 |
| | | 510 | 60-80 | 2 1/2 30ne | at 3-sec - (chi) - py - sph | h | Similar to the gts- | <u> </u> | | | | | | | | |
| | ND | | | | | | in GibN. except | | 100 | | | | | | 031 | |
| , 4, 1999 (1997) - 1999 - 1 | to | | | | | <0·5 | -This zone contains a 2" zone of massive | | | 63 | 6304 | .03 | 006 | | | .01 |
| | w 12 mod 30-70 | 7520 | 30-70 3 | "zone 4 | itz-chl-(py) | | py-sph. | 517 | | | 00-1 | | 006 | (0) | | |
| - | wiz K | | | | | | | | - | | | | | | 027 | |
| | to k med | | | | | | | | 98 | | | - | | | | <u>.</u> |
| | 30-70 | 1 | | | | 0.5 | | 527 | | 57 | 6305 . | 01 | 006 | 09 | | ्•01 यहेव <i>्</i> वे |
| | | 530 | 30-70 12 | l"zone (| 8t3-ch1-(PY) | | | | | | | | | | | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |

| | | and the second |
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| GIBRALTAR | MANEC | |
| GIDRAL LAK | MUNES | |
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HOLE NO. 91-24

| | | ιw | - | und | 1 | 1 | 1 | | | | | | | | | | _OF_17 |
|-----------|--|------------------------|--------------------------|----------------------------|------------|--|----------|---------------|---------|-----------|--------|---------------------|-------|------|-------|----------|-------------|
| | ROCK TYPES | < TO CORE FOLIATION | GRAP | S I venu | | | Est | BOTTOM DEPTHS | _ | Estimated | | | · • • | SSAY | RESUL | TS | an de |
| | AND | | Rx type & All Footoge | e < to Core كين Axis | of | | 1% | LIM. ZONE | Footage | 1 | 1 | SAMPLE | % | % | % | oz/ton | 1 Estimated |
| | ALTERATION | 6 H | Rx type & , Footoge | Gore | 1 | Mineralization | | SUPERGENE | Blocks | Core | R.Q.D. | | | ļ | ~ | | |
| | | VE | ě ř | Axis | Vein | | Ру | Remarks : | | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grodo |
| | vuqqy } = | | | 50-70 | 4' 300 e | ots-chl-(ser) - py-sph | | | | | | | | | | .016 | 1 |
| | | wtz to | | | | 103 (Jer) [7 -)-1 | | | | 100 | | an An Anna an An | | | | 016 | |
| | | mod 50-70 | K | | | | 1.5 | | 537 | | 87 | 6306 | .01 | 1001 | .10 | | . 02 |
| | | 50-10 | × 540 | 70 | 2" | gt3-((carb)) | | | | | | | | | | | |
| | | | and a state | 100 | | | | | | | | | | | | | |
| A Land Ma | \sim -planet and the first state \pm | wł | | 70 - 80 | 51/2' 2000 | Bt3-chl-((ser))-py-(sph) | | |] | 100 | | | | | | .050 | |
| | | to mod | 6 | | | 03 0 711 (17 | 2.0 | | 547 | | 77 | 6307 | 102 | 1003 | .28 | | 102 |
| | | 70-80 | Ž, | 1 | 1/12" | .L. (. 1) | | | | | | | | | | | |
| | | | < 350 | 80 | | <u>19</u> 73-(carb) | | | 1 | | | | | | [| | |
| | | mod | | 70-80 | z +•3" x 4 | massive gtz + chl-(carb) | | |] | 100 | | | | | | '020 | |
| | Ε, | 70-80. +0 | B) | - 10-90 | 10" zone | otz-chl-(py) massive ofz + chl+(corb) | 10.5 | - | 1 | | 97 | 6308 | | | | | .01 |
| | 1 in epi { - | ND | > | Π | 3 | massive giz + chitleard | | | 557 | | | 0.00 | .01 | 100 | 2.01 | | |
| · | | | > 560 | | | | | | | | | | | | | | |
| | EV STATES | wk | K S | 010 | ," •" | gtz-carb | | | | | | | | | | 018 | |
| | | +0 | > | 70-80 | 8"3000 | gtz-chl- py -(sph) | 0.5 | | 1 | 99 | | | | | | | l de la |
| | - 1999 - 1999 - 1999 - 199 2 | 10-80 | | 70-80 | 6"3me | | 0'3 | | 567 | | 57 | 6309 | 101 | 1001 | 'OZ | | . 01 |
| | - | | > 570 | | 5 30% | gtz-chl -(ser) - py- sph | | | | | | | | | | | |
| | | we | <pre></pre> | | | | 3.8 1 | | | f | | | | | | 017 | |
| | | to, | ć | | | | | | | 100 | | | | | | .017 | |
| | | 70-80 | | 2 70-80 | 8" zone | gtz-chl-ser-py-(sph) | 0.5 | | 577 | | 70 | 6310 4 | (10) | 002 | 104 | | .01 |
| | | -+• ND | > 580 | - | | and a second | | | 5// | | | | | | | | |
| | - | | | - | | | | | | | | | | [| | | |
| | | wtz , | 2 | | | | • | | | 99 | | | | | | 023 | |
| | | to mod k | 4 | 60-70 | 10" zone | 8tz-chl-(ser)-py-6ph) | 0.5 | 3 | | | 70 | 6311 | 01 | 002 | .05 | | .0) |
| | | 50-70 (| 590 | 70 | | carb - ((0tz)) | | | 587 | | | | -/ | | | | |
| . L | | | 1240 | 1 1 | | caro = ((0,3)) | | | | | | | | | | | |

HOLE NO. <u>91-24</u> SHEET NO. <u>// OF 17</u>

| | 1 1.1 | have | | | 1 | T | 1 | - <u>, </u> | <u>.</u> | | · · · · · · · · · · · · · · · · · · · | ····· | | | | _OF_17 |
|---|------------------------|-------------------------|------------------------|-----------------------------|----------------------|------|---------------|---|-----------|---------|---------------------------------------|----------|-------|-------|--------|-----------|
| ROCK TYPES | l R Z | GRAPI | Vein | s Widtl | h | Est | BOTTOM DEPTHS | | Estimated | | | <u> </u> | ASSAY | RESUL | TS | + |
| AND | < TO CORE FOLIATION | LOG | e < to Core Axis | of | | % | LIM. ZONE | Footage | | R.Q.D. | SAMPLE | % | 7. | % | oz/ton | Estimated |
| ALTERATION | F J | Rx type & Al Footage | | Vein | Mineralization | Ру | SUPERGENE | - Blocks | | 11.0.0. | NUMBER | | | | Ag | Cu |
| | | Å F | 6 AXIS | Veni | 5 | F y | Remarks | | Recovery | | | Cu | Мо | Zn | Au . | Grade |
| | ωŁ | | ^ | | } (hem) on fractures | | | 1 | | | | | | | 016 | |
| | to | 5 | 60 | Y2" X Z | carb-(gtz) | 20.5 | |] | : 99 | 67 | 6312 | | | 1.5.1 | | 101 |
| | 50-70 | × . | | | | | | 597 | | 01. | 0012 | 101 | .002 | 102 | | 1 |
| | <u> </u> | 600 | <u>.</u> | | | | | | | | | | | | | |
| 1월 25일 22일 22일 23일 24일 24일 | wlz | | 60-80 | 31/2 3000 | gtz-chl-(Py)-((sph)) | | | | 100 | | | | | | .015 | |
| | to | 躑 | 70 | Yz." | gtz-carb | 0.5 | | | , | e et e | | | | | | .01 |
| | 60-80 | 5 | Ar | 16 | epi "patch" | | | 607 | | 90 | 6313 | 101 | .003 | .12 | | |
| | | 2610 | | | | | - | | | | | | | | | |
| | | 2 V | | | | | - | | | | | | | | .013 | |
| | wk 60-80 | 2 · | 270 | Y2" X Z | | | = | | 100 | | | | | | | |
| | ot en | ζ, ···· | | 12 X Z | stz-carb-(sph) | <0.2 | - | 617 | | 87 | 6314 | ·01 | ·001 | 4.01 | | •0) |
| | עק | × 620 | | . <mark>E</mark> n de la se | | | - | | | | | | | | | |
| | | \$ | | 1 2 | | | | | | | | | | | ·0/2 | |
| | | 2 | * | | epi - pie "patches" | | | | 100 | | | | | | | |
| 6 26 to 683 | ΝÞ | 2 | | | | 2.05 | | 627 | | 97 | 6315 | 101 | 1001 | 2.01 | | • 0) |
| Vingrain Size ave Yo" - core is very uniformin | | 630 | | | | | ¥ = decrease | | | | | | | | | |
| texture - quite barren - mafics are Fresh looking- | | | 20 | 1907 - 1 ¹² | 8+3-carb- Py | | | | - + | | | | | | | |
| no alth zones. | ND | 2 | | | 913- Laro - FY | | | | 100 | | | | | | 012 | |
| | to WR | | | | | 2015 | - | 637 | | 97 | 6316 | 101 | 1001 | 2.01 | | .01 |
| | 70-80 | 640 | T | 78" | ep' | | 3 | | | - | | | | | | |
| - | | | 80 | ," · | 9t3 | -+ | | | F | | | | | | 011 | |
| | WZ 20-80 | | | | | | - | e e t | 100 | | | | | | 011 | |
| | +0 4 | | | | | 60.5 | | 647 | | 87 | 6317 | 01 | 001 | (101 | | ,01 |
| | ND | \$650 | | | | | 1 | | | | 지역 | | | | | |
| · · · · · · · · · · · · · · · · · · · | ľ | 100-1 | 1 | اا | | | | | | | <u> </u> | | | | | <u> </u> |

HOLE NO. <u>91-24</u>

| | Ш | hoapur | 1 | 1 | T | | BOTTOM DEPTHS | 1 | T | 1 | | · · · · · | | | 0/2_ | 01_1/ |
|---|--|--------------------------------|---|---|--|---|---------------------|---------|-----------|--------|---------|---|-------|-------------------|----------|--------------|
| ROCK TYPES | КZ | GRAPHIC | Veins | Width | | Est | LEACH CAP | 4 | Estimated | | | | ASSAY | RESUL | TS | |
| AND | OĔ | 1 2 2 | 1 | | | % | LIM. ZONE | Footage | | 1 . | SAMPLE | % | 70 | % | anten | Estimate |
| | [2] | 8 40 5 | < to Core | of | Mineralization | | SUPERGENE | | Core | R.Q.D. | John LL | ^@ | 10 | 10 | 02/101 | 1 |
| ALTERATION | < TO CORE FOLIATION | Rx type & Alla. Footage DO' | Axis | Vein | | Ру | Remarks | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grade |
| | | \$ | | | | | | | 1 · · · | | | | | | 1.011 | |
| | ND | | 45 | чаларын 1997 - Саранан Уз ¹¹ саранан 1997 - Саранан | 0 †3 | 2015 | | 657 | 100 | 93 | 6318 | .02 | .002 | 2.01 | | • 0] |
| 이 아이는 것이 안 가지? 정말 감독 감독 | | > 660 | | | | | | | | | | | | | | |
| | n an | K | | | | | | | | | | | | | | |
| 이는 사람은 사람을 가 물려 물질을 | ND | KI I | | | an in the second second | | | | 100 | [1,1] | | | | | 011 | |
| | to | k I | | | | 20.5 | anti a tere 👘 👌 | | | 97 | 6319 | .02 | | | | 101 |
| | wR | k] | | | | | _ | 667 | 1 | 77 | 6517 | 102 | 1004 | 2.01 | | , |
| | 60-70 | \$ 670 | | | | | | | - tejalji | | | | | 1 | | |
| | | < | | • | | | | | | | | | | <u> </u> | 1. ALA | |
| | | $\zeta = -$ | | | | | | | 100 | | | | | | 010 | |
| 그는 그는 그는 가지 않는 그 | ٨Þ | | | | | 10.5 | 1 | | | 93 | 6320 | .01 | | | | .01 |
| n an an the second state of the | | < , | | | | | - | 677 | | | 6320 | .01 | .001 | 2.01 | | |
| - | | 5 680 × | ? | ۱۶ ۲ ۳ | gtz-(carb) (chi) | | | | | | | | | | | |
| | 11 | <u>{</u> | $(f^{*}_{i})_{i} \in [f_{i}]_{i \in I}$ | | | | | | 1 | | | | | · | - 7 0 | <u>in ta</u> |
| File and the state of F | ND | | | | | | | | 99 | | | | | | 1020 | |
| 그 에너 아이는 것 같아요. 물 | <i>+</i> • | 2 1 | 70 | 2" | chi | 20.5 | | | | 77 | 6321 | | | | | 101 . |
| 그는 것 같은 것 같은 것 같은 것 같이 가지? | wk | / | | | | | | 687 | | | 6321 | ·02 | .003 | <.01 | | |
| | 76-80 | > 690 | | | | | 1 | | | | | | | $\{ (x_i,y_i) \}$ | | |
| | wk | | 80 3 | 3″ | gtz-((carb)) -(ch1)) | | - | | † | | | | | | .016 | |
| 이 같은 것이 같은 것이 같은 것이 귀 나는 것이 귀 나는 것이 가 나는 것이 가 나는 것이 가 나는 것이 가 나는 것이 같이 가 나는 것이 같이 가 나는 것이 같이 가 나는 것이 가 나는 것이 귀 나는 것이 가 나는 것이 가 나는 것이 가 나는 것이 같이 가 나는 것이 같이 가 나는 것이 같이 | +o mod | | | | otz-chl-ser -((Py)) | | | | 99 | | | | | | 010 | |
| a de la companya de l | 70-90 | | | | | 1015 | | | | 63 | 6322 | 01 | .003 | | | .01 |
| <u> </u> | | | | | | | | 697 | | | | | .003 | | ` | |
| <u> </u> | | > 700 | | | | | | | | | | | • | | | |
| | K | | | | 1 | | _ | | - i | | | | | | 012 | |
| | wk | | | | | • • [| | | 95 | | | | | ľ | | |
| _ | 20-80 | | | | | (0.5 | 1 | . · 1 | | 37 | 6323 | 01 | 001 | (10) | | · 0] |
| | +0 K | 1 | 8 | "zme | 35- btx | | | 707 | | | | | | ` ' | | |
| | 100 | 710 | | | 일에 있는 것이 있는 것이다. 같이 있는 것이 있 같이 있는 것이 없는 것이 없는 것이 있는 것이 있 | 1979 - | 이 가는 것을 하는 것을 수 있다. | | ta na a 📘 | | i strat | 1997 - N. 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 199 | | | | |

HOLE NO. <u>91-24</u>

| | 1 | house | | 1 | | <u> </u> | | - 39 - 20 | | | · · · · | | SHE | ET NO | 0. <u>/3</u> | OF 17 |
|--|------------------------|---------------------------|---|----------------|-------------------------|----------|--|--|-----------|------------|---|----------|------------|-------|--------------|------------------------|
| ROCK TYPES | < TO CORE FOLIATION | GRAPH | Veins | Width | | Est | BOTTOM DEPTHS | | | | | 1. T. | ASSAY | RESUL | TS | |
| AND | ŏ₽ | ELUG | e < to | 1.0 | | 1 % | LIM. ZONE | | Estimated | 1 | | | 1 | | 1 | 1 |
| | 2≦ | type & Alla ootoge DOT | Core | of | Mineralization | 1 10 | SUPERGENE | Footage | Core | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimated |
| ALTERATION | , jo | 100 | Axis | Vein | Millier dizution | | | Blocks | | | NUMBER | | | 1 | 1 10 | Cu |
| | | ă L | MAXIS | Veni | | Ру | Remarks : | | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grode |
| | | K | | | | | | 1 | | | | | 1 | | - | |
| | wk | | | | | | | 1 | | | l e tra | | | | 017 | |
| a sha a shekar ya a ta ya shekar a ta 🚽 | 70-80 | | | | | 20.5 | | | 99 | | | | | | | |
| - Alexandra de la compañía de la com | 1 + o . | K | | | epi "patch" | | | 717 | | 47 | 6324 | 2.01 | .002 | 2.01 | | . 10. |
| [[: 동안 : 동안 : 이 : 이 :] : [: [: [: [: [: [: [: [: [: [: [: [: [| 94 | 4 720 | 5 | | epi par | | | | | a t | | | | | | |
| | | 760 | | | (hem) on fractures | | | | | | | <u> </u> | | | | |
| | mod | < | | | | •• | | | 98 | | | | | | 023 | |
| | to str | | a la | | | 1 | | an an sao an | 70 | | | | | | 1. T | |
| Core from 7.24 to 741' - | 70-80 | | 70-80 | 6'zone | | 10.5 | | | | 33 | 6325 | .01 | .001 | .14 | | 101 |
| same as core from] | . 10 0 | ~~~ | | 0 30110 | gt3-chl-ser-(carb) | | | 727 | | | | | | | | |
| 398' +0 426' | | <u>× 730</u> | | [| | · | | | | · | | | | | | n = 1 |
| | 1. | | | Λ., | | | - | | | | | | | | | |
| [2019: 2019: 2019] 2019 12: 12: 12: 12: 12: 12: 12: 12: 12: 12: | mod | 2 B | | II | 33- plx | | | | 98 | | | | | | ·022 | an an an Ara An Ara |
| | str. | Ĩ | 70-80 | >11 30me | gtz-chl-ser-(carb) | 10:5 | - | | | 10 | | | | | | .01 |
| | 70-80 | | | | | | - | 737 | | 10 | 6326 | 101 | 1011 | · 0] | * | , 0, |
| \mathbf{I} | | 740 | L. | | | | | 1.1 | | | | | | | | |
| | | 2 | È. | J | | | | | ł | ÷ | | | | | - 19 A | |
| | mod | ζĮ [* | | and the second | | | | | 100 | - <u>.</u> | • | | | · | 1017 | |
| | 70-80 | | | | | 1 | | | | | age de la se | | | | | |
| · 영향 - 이 · 영향 · 이 · 이 · | to | > | | | | 20.5 | 이 아이 나는 아이에 가지 않는 아이 | 747 | | 30 | 6327 | 101 | .003 | 2.01 | 1.11 | 101 |
| 이 가슴 같은 것은 것이 가지 않는 것을 수 있는 것이 물 것이 물 것이 가지 않는 것이 같이 가지 않는 것이 같이 가지 않는 것이 같이 가지 않는 것이 같이 같이 있다. 이 가지 않는 것이 같이 가지 않는 것이 같이 가지 않는 것이 같이 않는 것이 않는 않는 것이 않는 않 않 않는 | ND | 9 | | | | | | 177 | | | | | | | | |
| | | 750 | | | (tem) on fractures | | - | | Tat i | | | | | | | |
| | NP | | | 10" zone | 99-brx -hem | | - | | | | | | | | 018 | |
| | +0 1 | | 70 | 3″ | otz-(chi)-(carb) | | | | 100 | 1 C 1 | | | | | | |
| | mod k | / | | 5" zone | gg-brx-hem | 20.5 | | | | 30 | (| ~ | .002 |] | · · · | .01 |
| Epi-chl alt'n zone | 60-70 | > | | | J9-01X-000 | | | 757 | · | | 6328 | 01 | 1002 | 4.01 | | 3 Î |
| | , | . 760 | | er a 🛔 | | | | | | | a de la composición d | | - - | | · · • | |
| Rx tecture changes - | Į. | | | z" zone | gg-brx | | | 1 | F | | | | | ł | | [|
| from 759'to 782' | we D | | | Ť | | · [| - | | 00 | | | | · | • | 011 | - 1 E |
| mineral grains are | 60-80 | | | | | 0.5 | | | | 77 | 6329 . | | | | | 101 |
| less distinct, epi and chi | ¥ A | 1 | | | - All the second of the | | -1 $+1$ | 67 | | | 6327 | 01 | 002 2 | 01 | | |
| less distinct, epi and chl blend together togwe core a fairly uniform lightgreen cobr | ; | 770 | | | | | 1997 - 1997 - 199 7 - | | | | | | | | | |
| | | 1112 [] | len en le | | | <u> </u> | | | | | | | | | | |

| GIBRALTAR | MINES | LIMITED |
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HOLE NO. <u>91-24</u>

| <u> </u> | | 1 | 1 | | + | | · · · · · | | | - , , | | · · · · · · · · · · · · · · · · · · · | | | | | _OF_ <u>17</u> |
|----------|--|------------------------|-----------------------------|---|------------|---------------------------------|-----------|--------------------------|----------|------------------|--------------|---------------------------------------|------------------|------|---------|----------|--|
| | ROCK TYPES | R Z | GRAPI | ^{IIC} Vein | s Widtl | | Est | BOTTOM DEPTHS | | | | | A | SSAY | RESUL | TS | a sur p |
| | AND | SE | ELUG | <u> १</u> < to | | | 1% | LIM. ZONE | Footogo | Estimated | - 1 . | SAMPLE | or | 1 | | | 1 |
| | | 2₹ | 8 0 8 0 | Core | | Mineralization | | SUPERGENE | - | Core | R.Q.D. | SAMPLE | % | .% | % | OZ/ton | Estimated |
| | ALTERATION | < TO CORE FOLIATION | Rx type & Alla Footoge D | Axis | | | Ру | Remarks : | - flocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grade |
| | a la face de la companya de la comp | | 7 | | | | | | | | | | | 1 | 1 | 1019 | |
| 1.10 | | | → 4 | 27 | | epi "streaks" | | | 4 | 100 | | | | | | | |
| | 요즘 같이 아파 같은 것이 같은 것이 같은 것을 수 밖에 다 가지 않는 것이 같이 했다. | WR 60-80 | 4 | | | | 20.5 | | 1 | 100 | 47 | 6330 | 101 | 1002 | | | .01 |
| | 에 가장 가장 이번 것 같아. 이번 것 이 것 같아. 이 가장 것 같아. 또 같아. 이 가장 것 같아. 것 같아. | 60-0- | 4 | | | | | | 777 | | | | 1.07 | 1002 | 102 | | l ar |
| | | | \$ 780 | 80 | 3 '' | 8+3 | | | 4 | | | | | | | | |
| | 가 있는 것은 것을 물건이 있어 <mark>고</mark> | | | | | | | | 1 | | 1.50 | | | | | ·026 | |
| | 이 가슴 옷에서 가지 않는 것을 가 그 | mod | | 1711 | | | 6 - L | | | 99 | | | | | l' - | | |
| | e tage a state de la set 🖬 | 50-70 | | 50-70 | 9' 30ne | ot3-ch1-(ser)-py- (sph)-(gp) | 1.5 | | | | 17 | 6331 | .16 | .002 | :06 | | .10 |
| | | | | in the second | | (SPh)-(4P) | | | 787 | | | | | | | | |
| | | | 790 | | | | | • | - | | | | at y | | | | |
| | | otr | | | | | | - | | | (1,1) | | | | | .065 | |
| | 경험 바람이 많이 가지 않는 것 | to mod | | 60-70 | 7' 300 e | ot 3-chl-ser-py-cp- (cph) | 2.5 | | 1 | 99 | | | | | | | |
| | | | | (()) | | (CF**) | | | | 19 | 23 | 6332 | $1 \cdot n^{-1}$ | 1002 | .07 | | .50 |
| | | 60-70 | ζ | | | | | - | 797 | | | | | | | | |
| | | DA DA | 800 | | | | | | | 1 | | | | | | | |
| | | ND | 2 | 70 ? | 4" | massive gtz -chl- sph | | | | 00 | | | . | | | ·027 | |
| | 이 누구는 것이 같은 것이 많다. 이 국 | ** | | 50-70 | 11/2' 300e | gtz-ser-chl-py-ep | | | 1 | 99 | | 1.1.1.1 | | | | | |
| | · 승규는 이 것 이 문화 문화 사람 | mod to | | | | | 7.0 | 그는 눈 성원이 같을 | 807 | | 40 | 6333 | .10 | ,006 | .05 | | · 25 |
| | 1. 회원 가지 그는 것은 같아요. 관 | st+ | 810 | 30-70 | 5' 3 me | gtz-ser-py-cp | | | | | | | | | | | |
| | | | 810 | | | | | | 1 | ļ | | | | [| | | [|
| | Otz-ser-py altn = | mod | | 30-70 | 6.2000 | gta-ser-py ((cp)) | 2 j | 15" gone of massive py = | 1 | 97 | | | | | 144 M | 051 | É Alexan |
| F | 30ne : 805 to 816 | Str 20-70 | | | 0.00 | | | | 1 | 77 | | | | | | | |
| | | | | | | mos2? | 20.0 | an an tao an tao a | 817 | | 27 | 6334 | · 07 | 100 | .05 | · . · [| •10 |
| | 816' +0 820' | ? | 820 | | 12" zone | 99+ brx | | | | | | | | | | | en de la composición de la composición El composición de la c |
| m | Soft chlorite - clay - | | 1020 | ⊼ ▶ | s"zone | 99+ byx | | FAULT ZONE - |] [| ╞ | <u> </u> | | | [| | | |
| | altin zone. Altered | 7 | | | Some | <u> </u> | . | 818' to 829' | | 96 | | | · [| Į | - 11 I. | 026 | |
| | white feldspar in] | • | | À | 51 2me | gg + brx - (hem) | 2 | | | | 10 | 6 3 3 5 | | | | | ? |
| | a grey-green background | K | | | ° 0° | | | | 827 | | | | 101 | 002 | •13 | | 1.20 |
| | | 50-60 L | 830 | | | | | | | | | | | | | | |
| K | | L | 1 | 1 | L | | | | Lui L | <u> </u> | | | L | | • | | |

HOLE NO. 91-24

| 1 | | [| | | 1 | | 1 | | - | ····· | • | | | | | | _OF_ <u>17</u> |
|---|--|------------------------|--------------------------|--------------|-----------------------------|--------------------------|--|--|---------|-----------|--------|--------|---------|-------|----------|-------------|----------------|
| | ROCK TYPES | ВХ | GRAPH | IQ Veins | Width | | Est | BOTTOM DEPTHS | 1 | Estimated |] | | / | ASSAY | RESUL | TS | |
| | AND | 85 | Ę LOG | 1 | | | % | LIM. ZONE | Footage | | 1 | SAMPLE | . 07 | 07 | 07 | | 1.0 |
| | | 2 <u>4</u> | 40.56 | Core | of | Mineralization | | SUPERGENE | - | Core | R.Q.D. | SAMPLE | % | 7% | % | oz/ton | 1 Estimote |
| | ALTERATION | < TO CORE FOLIATION | Rx type & All Footoge | Core Axis | Vein | | Рy | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Grado |
| i da terr | | | 4) } | 40 | 1 ¹¹ | st3 | | | 1 | 1.1.1. | | | [| | | | + |
| - · · | | mod 'to | | 50-70 | 212 7000 | gt3-chi-ser-py-sph- | | 1 | 1 | | | | | 1. | 1. 1. | 1034 | |
| | | str | 1949 | | | ((ep)) | 1.5 | 아이 안전 동안을 가 봐야지? 두 | 1 | 99 | 13 | 6336 | .03 | 1001 | .22 | | .08 |
| | | 20-70 | E I | 20-70 | 41/z zone | gt3-chl-(ser)-py-sph | | l jackstradie – | 837 | | | 0530 | 1.03 | | | 1 · · · · · | |
| | 9 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | | 840 | <u> </u> | 10" zone | | | | 1 | | | | | | | | |
| | | mod | | 50-70 | 2'3me | g+3-ch1-(ser)-(PY)-(sph) | | - |] | | | | | | | 1036 | |
| | 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | 20-70 | | ž, | c'h ame | (gg)- brx-chl-(sph)-(py) | | | | 98 | | | | | | | |
| | | | | Å | 3.12 301 | | 1.5 | | | | 20 | 6337 | 104 | 1004 | 137 | | 102 |
| a series a s | | 7 | ; | â | | - | | | 847 | | | | | | | | |
| | | | . 850 | | 41/2 30ne | 33-prx-chl-sph-(py) | | - | | | | | | | | | |
| 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - | 7 | | | |) | | | | | 98 | | | | | | 1092 | |
| | 장애가 철말 것 이 것은 너무 | 2.1 | | | | | 2 | | | 78 | | | | | | | 2 |
| | | | | | 8" zone | gg- brx | 0.5 | - | 857 | | 17 | 6338 | .12 | 1002 | 107 | | 101 |
| | E | 1.1 | | 1 . 1 | o goine | 14- Drx | | 2 | 007 | | | | | | | | |
| | | | 860 | | | | | | | ļ | | | | | | | |
| | | a ¹¹ a a | í ľ | 1 | 10 ¹¹ zone | gg-br | | | | 98 | | | | | | ·020 | 1 N. |
| | | 2 | | | $\mathbf{y} \in \mathbf{I}$ | | 20.5 | 그는 것이 아이들 귀구 아이들 귀구 아이들 것이 아이들 귀구 나는 가 나는 | | | | | | | | | la si te |
| | | • | | | 330ne | massive qtz-chl-carb | ~~~ | | 867 | | 10 | 6339 | 101 | .00Z | ·04 | | .01 |
| | | | 1870 | | | | | | | | | | | | | | 1 1 |
| | - | | | | | | | | | | | | | | | | |
| | | |) | , | 2 2 me | ot3-ch1-(py)-((sph)) | | | | 97 | | | | | | 102/ | |
| | | ND | | 1 1 | | | 0.5 | - | | | 27 | | | .001 | 102 | | -02 |
| · · · | | | 1 1 | | o"zone | gg-brx hem | | Hem of fractures- | 877 | | 61 | 6340 | •01 | | | | _ _ |
| | <u>- 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19</u> | | 880 | | | | | 877' to 942' | - 4 A . | | | | | | | | · · . |
| 1 . · · · · · · · · · · · · · · · · · · | - | WRK | 1 | | o"zone | gg-brx-hem | | Core is badly _ | · · | , F | | | | | <u> </u> | 016 | |
| | | 60-80 K | 2 | | | | · | fractured with - some clay altin | | 98 | | | · · · · | | | - 0 | · · . |
| | . 1 | +0. | | l san l | | | 0.5 | 842 to 977' | | | 17 | 6341 | 01 4 | 1001 | .01 | | .01 |
| | | NDK | | | | | | This section drilled through a fault " 3000 | 887 | | | | | | | | 9 <u>8</u> 4 9 |
| <u> </u> | | < | 890 | | | | an a | but not main displacement | | | | | | | | | |

HOLE NO. <u>91-24</u> SHEET NO. /6 OF 17

| | 1 1.1 | ha | | 1. | 1 | 1 | <u> </u> | | 1 | | · · | 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - | | | | _OF_ <u>17</u> |
|---|---|-------------------------------|------------|---------------|----------------------|-------|--|----------|-----------|------------|-----------|---|-------|----------|----------|-------------------------|
| ROCK TYPES | R Z | GRAPH | Veins | Width | | Est | BOTTOM DEPTHS | 1 | | | | 1 | ASSAY | RESUL | TS . | |
| AND | ŏ₽ | ELUG | e < to | | | % | LIM. ZONE | | Estimated | 4 | GUUDLE | | | T | | T |
| 1 Second States in the seco | 2₹ | °3 0° 9 0 | Core | of | Mineralization | 2.0 | SUPERGENE | Footoge | Core | R.Q.D. | SAMPLE | % | % | % | Oz/ton | Estimated |
| ALTERATION | < TO CORE FOLIATION | Rx type & Alla Footoge OCT | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cer Grado |
| core slightly clay I | | K i | | | | | - | | · . | | | 2.1 | 1.1 | | 1016 | |
| altered 892 to 925 | | ίľ | | | | | _ | 1 | | 1. A 1 | | | | | 1016 | 12 |
| Ne. 영상 영상 영상 전자 가지 않는 것 같다. | ND | > | 3 | 6" zone | 99-brx-hem | 10.5 | - | | 98 | 37 | 6342 | | | | ľ | .01 |
| | | ĸ | A | | | | | 897 | All and a | 57 | 6544 | 10 | 2.001 | 10. | | |
| | | (900 | 4 | | | | - | 1 | | | | | | | | |
| | n pe | X | A) | 4"30ne | 99-6+x-hem | · · · | | | | | | | | | 1 | |
| | | k | | | | | | | . 98 | | | | | | 017 | |
| | ND |) | | | | 20.5 | | | | 13 | 6343 | 101 | 2:001 | 101 | | -01 |
| | 1997 - 1944 1997 - 1994 - 1994 1997 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1 | | ۵. ۱ | | | | | 907 | | | | , | C'OUT | 101 | | |
| | | 4 910 | A | | | | | | | | | | | . | | |
| • | | > | ^ | | | | | | | | | | | - | | <u> </u> |
| | wk | < | 4 | 8" 30ne | 99 - brx -(hem) | | and a second | | 97 | gati e e 🛔 | | | | | .014 | |
| | 70-80 | $\frac{2}{2}$ | * | 0.300 | | | | 1.1.1 | | 17 | | - | | | | |
| | | > | | | | 20.5 | _ | 917 | | | 6344 | 101 | 2.001 | 102 | | .01 |
| | | 1920 | 70 | | gtz-(carb) | | - | 1. Tu | | | | | | | | 1. L |
| | | > | 1 | 4" 3001 E | gg-brx-(hem) | | | | ł | <u> </u> | | | | | | |
| 1 | wz | | | | | | | | /98 | | | | | | .014 | |
| | 80-90 | í l | ^ | | | 20.5 | | | - 1 a - [| | | | | | | .01 |
| | | D a | 80-90 | B" zone | sta-chl-py-(hem) | 20'3 | _ | 927 | | 17 | 6345 | 101 | 1001 | 02 | | |
| | | \$ 930 | | and a fair of | | . E | | | | | | | | | | |
| - | k | | | | | |] | | | | | | | | | |
| 1 | wR | > | 80 | hoxz | r1-(CP) | | | | 99 | | | | | | .018 | |
| · 그는 것 같은 것 같은 것 같은 것 같은 것 같이 가 다 나 나 나 나 나 나 가 다 나 가 다 가 다 나 가 다 나 가 다 나 가 다 나 나 나 나 | mod | | | | | 0.5 | | 5 F | | - I | | | | | 1.20 | |
| | 75-85 4 | 1 1 | ? | 18-14 × Z | gtz-(carb)-bem | | | 937 | | 30 | 6346 | .01 | .007 | 101 | 1.1 | .03 |
| | ' | 940 | | | | | | | | . . | | | | | | |
| | | , - | | | | | | | - | | | <u> </u> | [| | | |
| | wizk | | | | | . | | | .99 | | 1 | 1 | | | 026 | · · |
| | mod | | ? 8 | 3" 3 one | massive gtz-chl-carb | h | minor crenulation = | | | | | · | | | · · | ام، |
| l segure a Charles ser a 🗐 | 5-85 K | 1 | | | ۲ ۲ | 0.5 | | 947 | | 53 | 6347 | 01 | 1002 | 105 | | |
| | | 950 - | | 5" Zome | 33-px | | | | | | | | | | | |
| | <u> </u> | 1754 14 | Ľ <u> </u> | | | | 7 | | | | 1 1 1 - I | | | | | 19 ¹⁷ - 1917 |

HOLE NO. <u>91-24</u> SHEET NO. <u>/7</u> OF <u>17</u>

| | 1 | I | 1 | 1 | 1 | <u> </u> | | 1. | <u> </u> | | 1 | | | | | 01_17 |
|--|--------------------------|-------------------------------|------------|----------|--|----------|------------------------|---------|-----------|--------|--------|--------|-------|-------|--------------|--------------|
| ROCK TYPES | RS 2 | GRAPH | d Veins | Width | | Est | BOTTOM DEPTHS | | Estimated | | | A | SSAY | RESUL | TS | |
| AND | < TO CORE FOLIATION | Re type & Alla Footoge DOT | e < to | of | Mineralization | % | LIM. ZONE SUPERGENE | Footage | | R.Q.D. | SAMPLE | % | % | % | oz/ton | Estimoted |
| ALTERATION | V L | Rx D | Axis | Vein | | Ру | Remarks : | Blocks | Recovery | | NUMBER | Cu | Мо | Zn | Ag Au | Cu. Grado |
| · 이미 · · · · · · · · · · · · · · · · · · | | | 70-80 | 2' 30ne | gtz-chi-py-(sph)-(ser) | | | | | | | | | | 1020 | |
| | mod +0 WE 70-80 | < ^ < ^ < ^ | | | (hem) on fractures | 0.5 | | 957 | 99 | 53 | 6 348 | .0Z | 1001 | . 01 | | .02 |
| | | 1960 | <u>^</u> | | | | | | | | | | | | | |
| | wk. | | R | 3" 3 one | 8t3-ch1-(ser1-pi-(sph) (cp)) | | | | 99 | | | | | | .056 | |
| | to str 70-80 | 970 | 70-80 | క'3రాండ | gt ₃ -chl-ser-py-cp | 2.0 | | 967 | | 50 | 6 349 | • 32 | . 001 | :03 | | •20 |
| | mad to Stt | | | II's me | gt3-chl-ser-py-cp | 410 | | | 99. | 23 | 6350 | | | | •137 | . 45 |
| | 514 70-80 | 980 | | | b .3 cb . f .7 f . | 710 | | 977 | | 23 | 6330 | ·82 | ,002 | •09 | | • • • |
| slight fin gtz | mod 70-80 40 ND | 987 | | | | 0.5 | END OF HOLE | 987 | 100 | 63 | 6351 | .02 | ,001 | •10. | <i>.03</i> 0 | .03 |
| | | | | | | | | /07 | | | | | | | | |
| | | | | | | | MEBarter | | | | | | | | | |
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APPENDIX C. Assay Sheets

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GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

Lole 23 Exploration

Date ...

91-23

21

| Sample No. | % Ox. Cu. | Total Cu. | % MoS ₂ | %Zn | Ag oz/ron | |
|------------|--------------------------|---------------------------------------|--|-------------|--------------|--|
| 6176 DD | H 91-23 | .01 | .002 | ,02 | , 023 | |
| 77 | | , 61 | .002 | 102 | 1026 | |
| 78 | | ,10 | -003 | . 01 | 055 | |
| 19 | | <.01 | .003 | 010 | ,028 | |
| 80 | | <.01 | ,003 | ,07 | 1022 | |
| 81 | | .01 | .001 | 21 | ,033 | на страница и страница При страница и страница При страница и страница |
| 82 | | , 0 (| 1002 | .29 | . 032 | |
| 83 | | 101 | 100/ | 40 | ,031 | |
| 84- | | 1012 | 1002 | 12 | . 033 | |
| 8,5 | | ,01 | ,002 | 112 | ,035 | |
| 86 | | ,02 | 200- | 、57 | .046 | |
| 80 | | (03 | .001 | (.80 | 1049 | |
| <u>88</u> | | <u>`0 </u> | .002 | . 36 | 1024 | |
| 8) | | 101 | .001 | -31 | .026 | |
| 0 90 | Yan oo ahaa | ,03 | -601 | .27 | ·6(12 | |
| 91.00 | | ,06 | .06) | 1133 | 050 | |
| 92 | | .02 | _061 | . 30 | . 132 | |
| 93 | - Andrew | .07 | 1002 | .52 | 1040 | |
| Q4 | the effect of the second | ,02 | . 60 | . 64 | .045 | · · · · · · · · · · · · · · · · · · · |
| 6 S | | <.01 | 001 | .0.6 | , 623 | |
| 96 | le v | .03 | . 60 / | -20 | 1034 | |
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| | 69. | | and the second sec | · · · · · · | | |
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Assayer ..

GIBRALTAR MINES LIMITED

ASSAY CERTIFICATE

() Exploration

Date Sopt 11

91-23

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| | | | | | 13 | |
|---------------------------------------|--|---------------------------------------|--------------------|---------------------------------------|----------|---------------------------------------|
| Sample No. | % Ox. Cu. | Total Cu. | % MoS ₂ | 202n | Ag 3700 | |
| 6197 DDH | 91-23 | (03 | ,001 | 112 | .030 | |
| <u> </u> | 1 | ,08 | . 00 | 1.07 | , 055 | |
| 99 | | 102 | - 001 | .24 | 1027 | |
| 6200 | | .03 | <.001 | | 1024 | |
| 01 | e de service de la construcción de | 103 | 1002 | +10 | ·027 | |
| 02 | | × 01 | .002- | .05 | .017 | |
| 03 | | 101 | .002 | .03 | 1013 | |
| 04 | | .0[| .002 | . 21 | 1025 | |
| 05 | | 115 | <.001 | .47 | 1087 | |
| 06 | | . 19 | .004 | 1.74 | -110 | |
| 07 | | 105 | , 001 | 1,05 | . 060 | |
| 08 | | 101 | . 00 (| .42 | .02.7 | |
| 09 | | :02 | . 007. | -24 | .020 | |
| 10 | | .03 | 001 | •56- | ,033 | |
| 11 | | 10 | . 001 | 124 | :030 | |
| 2 | | 1025 | . 001 | 17 | ,029 | |
| 13 | | 102 | 2.001 | 08 | . 021 | |
| , L | | . 02 | 1001 | .13 | .026 | |
| 15 | | . 01 | ,001 | .12 | .013 | |
| 16 | | .01 | .001 | , Ó¥ | . 02/ | |
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PLORATION

Date 16... SEPT....., 19.9.1...

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| Sample No. | % Ox. Cu. | Total Cu. | % MoS ₂ | % Zn | ez./T. Ag | |
| DPH | 91-23 | | | | | |
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| -19 | | .01 | 002 | .01 | . 0 23 | 2 |
| 20 | | < <u>_</u> 01 | | . 91 | .023 | |
| 21 | | .03 | | .02 | .0.34 | · · · · · · |
| 22 | | .01 | . @6 | .02 | . 026 | |
| 23 | | .01 | | .01 | . 026 | |
| 24 | | <-01 | | | .026 | |
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| 26 | | 01 | . 002 | .05 | .021 | |
| 27 | | .02 | | | . 021 | |
| 28 | | . 01 | _004 | .01 | .018 | |
| 29 | | اه. | .002 | . 02 | .019 | · · · |
| | 470-14 W. / We | -01 | .003 | .01 | .014 | |
| 31 | | .02 | | .02 | . 020 | |
| 32 | constant the second | . 04 | | . 79 | .034 | |
| 33 | | .03 | <u> </u> | .21 | .031 | |
| 34 | | 07 | | . 10 | . 0 39 | · · · · · · · · · · · · · · · · · · · |
| - 35 | | .01 | <-001 | .02 | .024 | · · · · · · · · · · · · · · · · · · · |
| 36 | | .01 | 001 | . 01 | 018 | |
| 37 | | .01 | 00 | <.01 | .012 | |
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| 42 | | . 01 | <u> </u> | <.01 | .015 | |
| 43 | | . 01 | | <-01 | .017 | |
| <i>4</i> 4 | | .03 | . 003 | <.01 | .021 | · |
| 45 | i v | .01 | .601 | <-01 | .015 | |
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cc: Assay Lab.

XPLORATION

| Sample No. | % Ox. Cu. | Total Cu. | % MoS ₂ | do Zn | oz/T Ag | |
|---------------------------------------|---------------------------------------|---------------------------------------|---|--------|---------|---|
| DPH | 91-23 | | | | | |
| 6246 | · · · · · · · · · · · · · · · · · · · | .02 | | .03 | .025 | |
| 47 | | . 61 | .002 | | .014 | |
| 48 | | .01 | .003 | | .017 | |
| 49 | | | | ,01 | . 024 | Notice constructions of the second |
| 50 | | .01 | | | . 020 | |
| 51 | | <.01 | | < . 01 | . 015 | |
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| 53 | | ۰٥١ | .003 | <.01 | .015 | |
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APPENDIX D. Analytical Methods

The core samples were analyzed at the Gibraltar Mines Assay Laboratory for molybdenum disulphide, copper, zinc, and silver. The following procedure was followed:

- 1. Samples were crushed and pulverized to -80 mesh, mixed and bagged.
- 2. 1 g. of sample was weighed out and placed in a beaker.
- 3. 30 ml. of concentrated nitric acid containing 5% potassium chlorate was added.
- 4. The sample was digested under heat until all brown fumes disappeared.
- 5. 20 ml. of concentrated hydrochloric acid was then added and the sample further digested under heat for three minutes.
- 6. 25 ml. of 1% aluminum chloride was added and the solution made up to 200 ml. with water, then filtered.
- 7. A 50 ml. sample was taken and the elements were determined using a Perkin-Elmer 3030 atomic absorption spectrometer.