DIAMOND DRILL REPORT

ON THE

SAWMILL ZONE

Cariboo Mining Division

93 B 8

(Latitude 52 30', Longitude 122 15')

OWNER AND OPERATOR

FILMED

GIBRALTAR MINES LIMITED

McLEESE LAKE, B.C.

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,712

Author: G. D. Bysouth

Submitted: February 25, 1987

PART 1 OFZ

FAME REPORT (MZZ)

15712



Province of British Columbia

Ministry of Energy Mines and Petroleum Resources

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TYPE OF REPORTISURVEY 3

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137,523.00

AUTHOR 3

G.D. Bysouth

S.GNATURE'S

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED Feb. 26/87

1986

FROPERTY NAMES

GibraHar Mines

COMMODITIES PRESENT CU, MO, Aq, Au

90 MINERAL INVENTORY NUMBERISH IF KNOWN 98-12

938/9W

MINIMO DIVISION

(ariboo 52°33′

LONGITUDE

122°18'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property libral cred (12 units) PHOEN(X (Lot 1706) Mineral Lesse Mi123, Mining or Certified Mining Lease Mul12 (creams involved)

Gib#4,#6, Hy 1,4

CMMERIS

Gibraltar Mines Ltd

MAILING ADDRESS

SPERIATOR Solithat is: Company paying for the work

as above

MAILING ADDRESS

as above

SUMMARY GEDLOGY (lithology, age istructure alteration, mineral zation, size and artitude

Ore bodies occur within a quarte diorite phase of an intrusive pluton. Mineralization is cholopyrite and molybdenite within veins and along foliation planes.

REFERENCES TO PREVIOUS WORK

A.R. 15611, 12452, 10567

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1 INTRODUCTION

The Sawmill Group lies about 4.0 miles (6.44 km.) south of the Gibraltar Mines concentrator, along the southern flank of Granite Mountain at approximately the 3500-foot elevation. Access is via a network of old logging roads which link the property to the paved road leading to Gibraltar Mines. General location of the claims is shown in Figure 1.

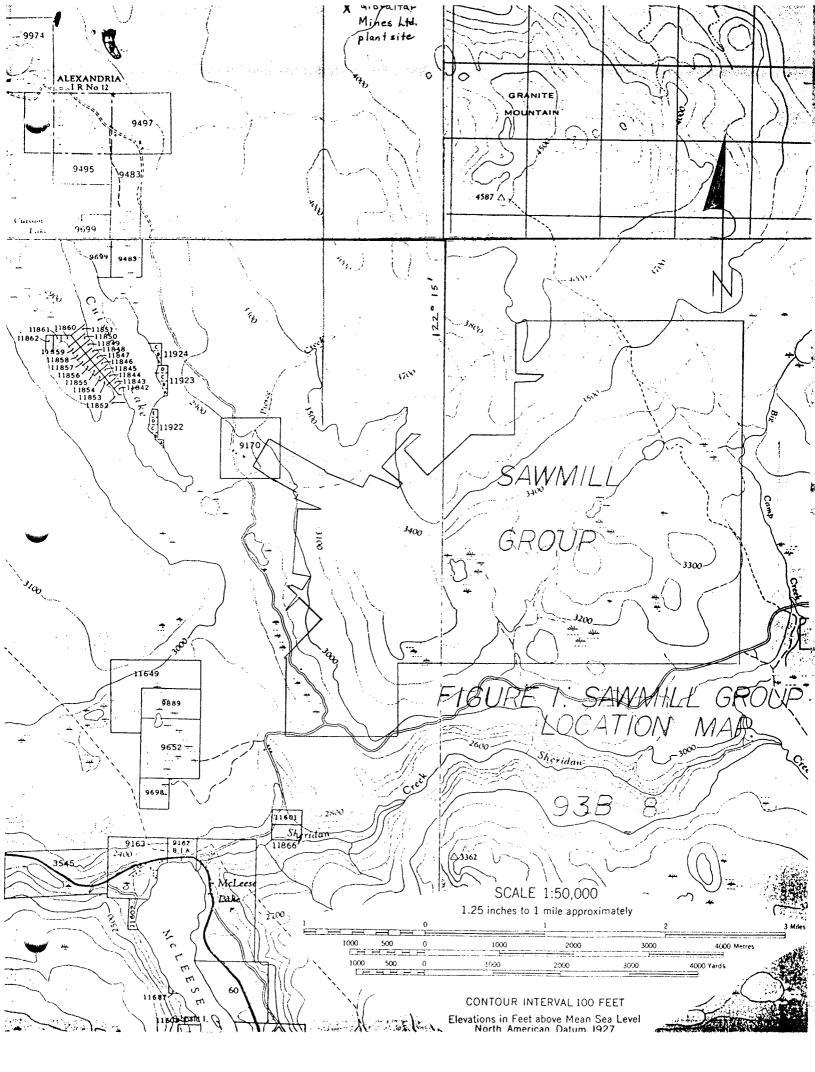
The first claims of the Sawmill Group were staked in 1978 to cover a large I.P. anomaly and several older copper prospects. Of the prospects, the most important was the Iron Mountain property on which the first recorded work dates back to 1925. The chief focus of work for Gibraltar Mines was the I.P. anomaly which was located west of Iron Mountain over an area of very limited rock exposure. The anomaly had been outlined in 1967 and attributed to a graphitic source rather than Diamond drilling in 1979 by Gibraltar Mines mineralization. pyrite and chalcopyrite that extensive however, revealed I.P. zone, and by 1981, mineralization occurred within the approximately 30 million tons of open pit inventory had been which graded at 0.28% total copper and 0.022% outlined, molybdenite. More diamond drilling and I.P. surveys followed from 1982 to 1985, but little change was made in the inventory. Most of the above work is covered in Minister of Mines Reports and assessment work reports. (See attached bibliography.)

This report covers a diamond drill program conducted in 1986 within the main area of mineralization. Eleven vertical N.Q. diamond drill holes, totalling 5,485-feet (1,673 meters) were completed. Drilling was done by J. T. Thomas Diamond Drilling Ltd. of Smithers, B.C. during the period August 15 to August 28, 1986. The whole core was assayed except for a two-inch segment per ten-foot section which was retained and stored at Gibraltar Mines for future reference.

2 MINERAL CLAIMS

The mineral claims of the Sawmill Group are shown in Figure 4 (in pocket). Information on these claims is tabulated below:

CLAIM NAME	RECORD NO.	NO. OF UNITS	ANNIVERSARY DATE
Tim 1	815	2	28 Aug 78
Cole 1	816	9	28 Aug 78
Geoff 1	1009	9	29 May 79
Ryan 1	1048	1	26 Jul 79
Aaron 1	1049	1	26 Jul 79



Doug 1	1047	3	26 Jul 79
Brent 1	1330	6	14 Nov 79
Barb 1	1329	1 2	14 Nov 79
Janis 1	1331	3	14 Nov 79
Kate 1	3799	1 2	29 Jun 81
WD 1	3800	6	29 Jun 81
Bruce 1	3801	1 2	29 Jun 81
Paul 1	3802	1 2	29 Jun 81
Sheridan 1	4068	9	15 Sep 81

3 GEOLOGY

The Sawmill Group covers a broad contact zone formed between the Permian Cache Creek Group and the Upper Triassic Granite Mountain pluton. Within the claim area, the Cache Creek Group consists of volcanic flows, tuffs, breccia and sediments mainly andesitic to dacitic composition, with minor interbeds of graphitic schist and impure limestone. These rocks have been regionally metamorphosed to the Greenschist Facies and have undergone a much higher grade of metamorphism along the contacts of the Granite Mountain pluton. The plutonic rocks underlying the Sawmill Group consist mainly of diorites of variable texture and composition which have been collectively referred to as the Border Phase Diorite. As the name implies, an assimilative is assumed for these rocks. The actual contact zone, origin which is about a mile wide, consists of a bewildering array of dioritic rocks and recrystallized andesitic and dacitic rocks of the Cache Creek Group, all having a similar composition and texture. To add to this complexity, two other plutonic rock types have been recognized along the northwestern side of the claim group. One is a white quartz porphyry which has been interpreted to be a hypabyssal intrusion related to some period of acidic vulcanism. It forms a small body along the northeast the Sawmill ore zone, and also occurs as small dykes side of scattered throughout the property. The other is a quartz diorite which forms a large body along the northern edge of the deposit. It is correlative with the Mine Phase Quartz diorite which is the host rock for the Gibraltar ore body, and is of particular interest because it is closely associated with the best grade mineralization of the Sawmill ore zone.

A large pyrite zone has been outlined within the Sawmill Group. It covers all rock types but appears strongest along the Cache Creek side of the contact. Chalcopyrite and molybdenite

occur throughout the pyrite zone and in a general way the copper and molybdenite grades increase as pyrite concentrations decrease. In the Sawmill ore zone, which is located along the northwestern edge of the pyrite zone, the best grade ore occurs when the pyrite concentrations decrease to below three percent. This figure is taken as the boundaries of the pyrite zone.

The ore and gangue mineralogy of the Sawmill ore zone is very similar to that of the Gibraltar deposits. chalcopyrite and molybdenite occur in veins and shears accompanied by various combinations and concentrations of quartz, chlorite, carbonate, sericite and epidote. There is however, one This has been referred to as a ore type not found at Gibraltar. quartz-gypsum zone which is characterized by gypsum veins and often strong chalcopyrite mineralization accompanied by minor Pyrite is invariably weak or absent, and the zone is bornite. interpreted to represent the extreme low sulfide end of the pyrite-chalcopyrite zoning system.

Structural controls have not yet been worked out for the Sawmill ore zone. Much of the ore is confined to westerly and northwesterly striking shear zones which dip southerly, but the gross configuration of rock units and ore types also suggest fold structures have been operative. In a general way, the ore zone lies along the contact formed between the Mine Phase Quartz Diorite and the older rocks. The ore is not confined to any one rock type but is best developed in the Mine Phase and weakest in the Quartz Porphyry.

The Sawmill ore zone is cut off towards the northwest by a large fault system which has been referred to as the West Boundary Fault. This fault is considered to be a wide complex north trending system with numerous individual zones separating wedges and blocks of displaced rock.

4 DRILL PROGRAM

4.1 Objectives

- Drill holes 86-21 and 86-22 were located to test the grade of a possible massive sulfide zone situated within the ore body.
- 2. Drill holes 86-23 to 86-29 were located to determine the westward extent of the outlined ore.
- 3. Drill holes 86-30 to 86-31 were located to define the northern boundary of the ore.

4.2 Results

The drill hole locations are shown in Figure 2. An outline of the Sawmill ore zone is shown in Figure 3. All copper values reported here and in the logs are for total copper. All pyrite concentrations are visual estimates. An outline of pertinent results is provided in the following table and descriptions.

Hole No.	Collar Elev.	Depth	Casing	Ore Inte	rsection To	Width	%TCu	%MoS2
86-21	2914'	507'	40"	300	507	207	.22	.013
86-22	2982'	504'	613	100 340	180 504	80 164	.26 .31	.003
86-23	2898'	506'	85'	280 400	350 506	70 106	. 25 . 37	.022
86-24	2962'	597'	80'	80	140	60	.21	.010
86-25	2958'	507'	47'					
86-26	2903'	507'	66,	66	290	224	.37	.020
86-27	2895'	351,	131"					
86-28	2896'	503'	125*	440	503	63	.28	.010
86-29	2915'	501'	54"	300	430	130	.29	.020
86-30	2972'	497'	30,					
86-31	3001,	507'	65,	65	90	25	.60	.013

Drill hole 86-21 was confined entirely to metavolcanic rocks of the Cache Creek Group. The top of the pyrite zone was intersected at 90-feet and the bottom at 470-feet. The best grade ore occurred below the pyrite zone.

Drill hole 86-22 went through the same sequence of metavolcanic rocks but intersected the Mine Phase Quartz Diorite at 375-feet. The pyrite zone was encountered from the rock surface to 370-feet. The best copper grades were again located below the pyrite zone but in this case in a quartz Diorite host rock.

Drill hole 86-23 was in metavolcanic rocks of the Cache Creek Group down to 112-feet. From 112-feet to 265-feet it went through the West Boundary Fault Zone and into Mine Phase Quartz Diorite. From the base of the fault at 265 feet to the end of the hole at 506-feet, the quartz diorite showed the typical

quartz-gypsum mineral assemblage; that is, low pyrite, abundant chalcopyrite, minor bornite, strong quartz veining and abundant gypsum veins.

Drill hole 86-24 was confined to the pyrite zone but, except for 20-feet of oxide ore, did not indicate any significant ore grade rock. Quartz Diorite was encountered down to 300-feet and then a Border Phase Diorite to the end of the hole.

Drill hole 86-25 also intercepted barren pyrite mineralization. The hole was confined entirely to Border Phase Diorite which had been cut by numerous quartz-sericite-carbonate and quartz-chlorite-carbonate shear zones.

Hole 86-26 went through the West Boundary Fault Zone down to 91-feet and into the Mine Phase Quartz Diorite from 91-feet to the end of the hole. Strong chalcopyrite mineralization was intercepted down to 290-feet. A pyrite zone was encountered from 230- to 320-feet.

Hole 86-27 also went through the West Boundary Fault Zone and into the Mine Phase Quartz Diorite at 289-feet. Unfortunately, the hole was abandoned at 351-feet just as the quartz-gypsum zone was being intersected.

Hole 86-28 passed through a sequence of Cache Creek Group rocks, including limestone, and into the West Boundary Fault Zone from 390-feet to 468-feet. From 468-feet to the end of the hole at 503-feet, an ore-bearing quartz-gypsum zone was intersected in a Mine Phase host rock.

Hole 86-29 was confined entirely to Mine Phase Quartz Diorite. Two pyrite zones were encountered: one at 160- to 300-feet and the other at 410- to 503-feet. The ore zone was found between the two pyrite zones at 300- to 430 feet.

Hole 86-30 encountered quartz porphyry down to 405-feet and Cache Creek metavolcanics from 405-feet to the end of the hole at 497-feet. Chalcopyrite and molybdenite mineralization was noted throughout the hole but no significant ore grade sections were found.

Hole 86-31 encountered a fine grained diorite, or quartz diorite, down to 91-feet and Border Phase Diorite for the remainder of the hole. The fine grained rock is of particular interest since it contains the only ore grade mineralization found in the hole, and it may represent the outer "chilled" margin of the Mine Phase Pluton.

Oxide and supergene effects appeared negligible in most of the holes. Some supergene enrichment was noted in the upper ore zone of hole 86-22. The near surface ore grade zones found in 86-24 and 86-31 were due to oxide and supergene enrichment.

4.3 Interpretation

The 1986 diamond drill program has confirmed the basic geological model but has changed the previously projected ore Drill holes 86-21 and 86-22 both indicate an ore configuration. zone underlies the pyrite zone and hole 86-22 also indicates the Phase Quartz Diorite lies beneath the pyrite zone. supports original geological projections for the southern and southeastern side of the ore body which involves a south dipping pyrite zone and underlying ore zone being controlled by the south dipping Mine Phase contact. These holes, however, did not intersect the projected massive sulfide zone which may indicate it has a much steeper dip than originally predicted. Drill holes 86-30, 86-31, 86-24 and 86-25, along with earlier holes, define the north eastern boundary of the deposit, which now appears as a sharp, relatively straight, northwest trending ore cut-off. interpretation negates some earlier northward ore projections. Drill hole 86-29 also removes some tonnage from the original inventory; this hole is particularly disappointing because it suggests a large area of waste lies between the main ore body and the northwest extension. Drill holes 86-23, 86-26, 86-27 and 86-28, serve to define and enlarge the northwest ore extension, which was discovered last year by hole 85-76. The new ore addition now appears to be about 1,000-feet long and 300-feet with a northwest strike and 40- to 50-degrees southerly dip. The gain in tonnage here would more than compensate for losses experienced elsewhere in the ore body. These holes also delineate the West Boundary Fault Zone and indicate the ore body is cut off by the fault with a possibly large displacement. is, no indication of the ore body has been found along the west side of the fault zone, neither in this program nor in previous drilling. The fault may be complex with numerous individual zones separating wedges of displaced rock. That part of the fault zone cutting off the ore body has a strike of 350-degrees and a dip of 40-degrees westerly.

STATEMENT OF EXPENDITURES

August, 1986 Diamond Drilling, Sawmill Group.

(a) Drilling Costs

```
Direct Footage Charges:
                                        $ 6,704.50
          86-21
                 506' @ $13.25/foot =
          86-22
                 504' @ $13.25/foot = $ 6,678.00
                 506' @ $13.25/foot = $ 6,704.50
         86-23
                 597' @ $13.25/foot = $ 7,910.25
         86-24
                 507' @ $13.25/foot = $6,717.75
          86-25
                  507' @ $13.25/foot = $6,717.75
         86-26
                  351' @ $13.25/foot = $4,650.75
         86-27
         86-28
                 503' @ $13.25/foot = $ 6,664.75
                 500' @ $13.25/foot = $ 6,625.00
         86-29
         86-30
                  497' @ $13.25/foot =
                                        $ 6,585.25
         86-31
                 507' @ $13.25/foot =
                                        $ 6,717.75
                5,485
                                        $72,676.25
    Machine Hours
    Cat Hours: 12.5 hrs. @ $40.00
                                            500.00
    Materials Lost
    3 NQ Bit @ $508.00
                                          1,524.00
    Total Drilling Costs
                                                       $74,700.25
(b)
    Site Preparation
    Aug 15 TD20C 7 hr. @ $80.25
                                            561.75
    Aug 15 Lowbed 7 hr. @ $60.00
                                            420.00
                                     ==
                                                           981.75
(c)
    Vehicle Costs
    Rental 4x4, 1986 Pick-up
    Aug 14-29 6 days @ $35.40
                                                           212.40
(d)
    Assay Costs
     447 Cu - MoS2 assays @ $4.40/assay
                                                       $ 1,966.80
(e)
    Supplies
    Core boxes: 242 boxes @ $6.00
                                          1,452.00
    Bags, tags, etc.
                                            145.00
                                                       $ 1,597.00
    Personnel Costs
```

e)

Core Logging, Sample Preparation, Interpretation

```
G. D. Bysouth
Aug 20-22
             16 hrs.
Aug 26
              4 hrs.
             16 hrs.
Sep 08-09
Sep 12-16
             24 hrs.
Oct 27-31
             40 hrs.
Nov 04-05
             16 hrs.
```

```
Nov 14
               8 hrs.
Nov 17-19
              20 hrs.
Nov 26-27
              16 hrs.
Dec 01-02
              16 hrs.
Feb 11-13/87 24 hrs.
             200 hrs. @ $31.00/hr.= $6,200.00
Field Work and Sample Preparation
E. M. Oliver
Aug 14
Aug 20-22
               2 hrs.
              10 hrs.
Aug 25-29
              16 hrs.
              2 hrs.
Oct 6
              30 hrs. @ $19.64/hr.=
                                        589.20
G. Warren
Aug 15
               8 hrs.
Aug 18-22
              19 hrs.
Aug 26-29
              12 hrs.
              39 hrs. @ $14.29/hr.=
                                        557.31
B. Locke
Sep 03
               4 hrs.
Oct 06
               2 hrs.
Oct 27-31
              40 hrs.
Nov 04-05
              16 hrs.
              62 hrs. @ $14.29/hr.= <u>885.98</u>
Total Personnel Charges
                                                     $ 8,232,49
                                    TOTAL COST
                                                     $87,690.69
```

6 CONCLUSIONS

Although some additional reserves have been outlined, this drill program has not substantially changed the mining feasibility of the Sawmill Zone. It remains at this date, a sub-economic ore deposit.

More drilling is required west of the West Boundary Fault Zone to search for the displaced portion of the Sawmill Zone.

Submitted by: S.D. Byrouls

G. D. Bysouth Senior Geologist

7 BIBLIOGRAPHY

- 1. B.C. Minister of Mines Annual Reports
 - 1925, pp. 156
 - 1956, pp. 33
 - 1957, pp. 16
 - 1972, pp. 135
- Assessment Reports Gibraltar Mines Ltd., Cariboo Mining Division
 - (1) Bysouth, G. D., Diamond Drill Report on the Cole Claim, August 1979.
 - (2) Bysouth, G. D., Diamond Drill Report on the Cole Claim, April, 1980.
 - (3) Bysouth, G. D., Diamond Drill Report on the Ross Group, November, 1980.
 - (4) Walcott and Associates Limited, A Report on an Induced Polarization Survey, Sawmill Claims, February, 1982.

APPENDIX I. Statement of Qualifications

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

Sarry D. Bysouth

APPENDIX II. List of Abbreviations

ankankerite
bobornite
calcalcite
carbcarbonate
chlchlorite
cpchalcopyrite
dissemdisseminated
epepidote
folnfoliation
gggowge
grngrained
gypgypsum
limlimonite
malmalachite
magmagnetite
pypyrite
qtzquartz
rxrock
sersericite
strstrong
stkwkstockwork
wkweak
Wt. Q.DWhite Quartz Diorite = Leucocratic Phase

HOLE No. 86-21 GIBRALTAR MINES LTD. GRID. SHEET No. ____ of _9 LOCATION SAWMILL ZONE LATITUDE ~32,276.00 N LOCCCO M_ G.D.B BEARING CORE SIZE N. O.W. DEMATURE \$\frac{\sigma 48,757.00 E}{\sigma}\$ LENGTH : _507 1 SCALE OF LOG___ |"= 10" aire Nov. 4. 1986 OUTE COLUMED 15-Aug - 86 af the Bottom of the existe zone accurs @ 470'
Quartz Diorite Contact not intersected DATE COMETED 16 - Aug - 86 ·- 90° ELEVATION 1 29/4.00 GRAPHIC BOTTOM DEPTHS ASSAY RESULTS ROCK TYPES & ALTERATION FRACTURE LOG LEACH CAP ANGLE TO % Core ROD Sample Width 4 LIM. ZONE CORE AXIS 0 Lilianto Recovery SUPERGENE Croic -FREQUENCY-23 % Cu Mo . % REMARKS Casing To 35+45 carbopy x 2 40 42 META VOLCANIC .09 UNIT (40-130') 90 this is interpreted to 45 45 .09 2870 96051 0.5 13 4.002 be a recrystalized sequence of volcanic rx., chiefly of docters and andesitive comp. 90 Mod qtz-tour. 70 - a typical type is 51 a fine arn. med. 55 grey equigranular rx consisting mainly 9.5 .05 highly broken 96052 45 06 002 0.5 of chi and saus. Mod Core ping - alg. grn size is z 1/20" - interbeded? 30 53 40 2-10' zones of pale accepts green sinceour zones (out - door to toff?) 0 20 30 45 and de green chlorities 28 7 96053 1.5 . 08 .002 chl-py (cp) some it should be noted 30 13 50x 2 that this ry is guite control along the Southern port of the Lawwill Zone chiecarning 12043 chicarb-py(cp) x2 1/10 × 2 35 - 40 × 25 40 90 Y10-120 27 c 11/2 py (sp) x7 chil-corp-bol (cb) in most respects, ser-atz- py

1.5

75

33

96054

10

1012

,10

it resembles a Pine

6-3

graces (veg) chl-corb-py

arn dionite

GRID_ GIBRALTAR MINES LTD. HOLE No. 86-21 SHEET No. 2 __ of __9 GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE LOG ASSAY RESULTS LEACH CAP ANGLE TO Core ROD % % Sample CORE AXIS LIM. ZONE Estinoted Recevery FREQUENCY-SUPERGENE Number * Cu Mo Crose ٧. REMARKS - py is disson throughout 5-13 x 5 1/20 15 Chi-py x= this unit - only the larger, more distinct chl-py 100 1/20-110=3 50+30+60 chl-carb-py veins are reported -some of the veins appear .10 9tz-carb-py x2 1/4 1/10-1/8 x3 53 .08 002 96055 to be breccia fillings rather than true veins gtz-chi-carb-py .08 ie angular Changes in direction as if around large rx Fragic) 98 9t3-chi-carb-p1 913-carb-py (cp) qts-carb.py (cp) 60 12.* qtz-ser-carb-chl-py (cp) ND 95 35 X.10 1/20-1/10 3.0 53 chi-carb-py (cp) x 10 96056 .14 12 4,002 4+450+3542 110-Trans chl-carb-py (co) x 4 1/20 chi-py 0 10 20 30 chl-carb-py x A 100 20-30 14 120-110x4 MD chl-py (cp) x z 11042 3. € 10 50 96057 13 ser-enl-py 6,002 107 qts.cp chl-carb-py 1/4 + 1/8 Chi-pyxx 90 ehi-carb.py (cp) ext-cario py Cap) 113 ND. } zone of broken and lost core 2.0 10 96058 .12 50 1002 117 chi-carb-py chi-gtz-py 85 20+20 chi-carb-py xz 40 122 gare of broken core 14.42 qt3.covb.z ch1-py(cp) Nο 95 4.0 .10 96659 40 126 9+3.ch1-com.py(4) 002 .08 atz-carb. py 16-18 42 chi-pyxz Yinx 2 1/12352 META ANDESITE 1/8 + 1/0 +1/3 chl-carb pyx3 95 chicaro py (ep) x 2 15 12 13 . 2 UNIT (130-200') cul-carb-Pyxx 50+4mainly a dk green fine to med orn (Xo-Yo') dioritic rx consisting of -10 == chi-coib-py(cp) 2780 4.0 96060 12. 136 19172 .12

Sold and Aldrewson in the second

chl-carb.pyra

GRID GIBRALTAR MINES LTD. HOLE No. 84-21 SHEET No. 3 GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE LOG ASSAY RESULTS • LEACH CAP ANGLE TO Width. Core ROD % % CORE AXIS LIM. ZONE Sample Estimeted Recovery -FREQUENCY-SU PERGENE Cu Мо Grade ٧. REMARKS - 20 % ep as ragged 11013 cyl- curp-64 (cb) x 3 13-14 2012 9/3×2 ~ 300/0 chl 10 XZ 110x 12 chl-carb-py (cp) =-95 ~ 400/0 savs plag. 4.8 3.5 ch)- carb- 84 (cp) x 2 47 . 10. 96061 .09 ~ 10 % interstitual .002 10+14 10 X2 chicaro.py (cp) xz 147 ats' 5-10-4 120-1/0x 4 chl-carb-py x4 - arm size and texis chi-py (qo) are variable but much of the rx grades chi-ep-py YIOX3 413-61(cb) 90 Y2. Yioxz to a typical Border 38 12 C41-61 xx 4.4 .08 77 Phase Diorite. 96062 atz-ser-py .07 .004 157 cini-py Y10 x2 chl-pyxz YIOX2 ep.py (q) ehl-py (ep) 100 95 qtz-enl-py (cp) zone 45+40 ND Y10x2 9+3-chl-py Copx= 5.5 80 18+110+2 96063 .12 .002 ent-py (cp)x3 chi-py ser-py chi-py 167 9+3-04-py x2 enl-carb-py(cp)x2 15+45 1/8 x2 70×2 20 9+3-PY-CP quartz 98 8542 30-3342+2014 1/8+1/10 9t3-chl-py(ep) 1/8-410+2+6+ qts-chi-py x 6 5.0 .09 .14 80. 96064 1002 chi-py-cpx2 177 chl-pyx3 16 × 3 YIOX3 9 t3-chl-cp-py (co) 2 2735 Y10x2+/20 chi-carb-py (cp) x 3 95 1/3 qt3-ch1-carb-py 9 t2 - ser - py 9 t3 - ser - py ch 1 - ser - py(cp) 12 5.0 185 -12 40 96065 107 ,004 4:3-cul-py 9tz-chl-py 9t3-chloy(cp) Y4 Y10x2 95 1/8+ 1/2. ep-Pyrz 195 2.0 73 96066 1/4 12 ex- 41(0) .006 Py-chix3

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GIBRALTAR MINES LTD.

HOLE No. <u>86-21</u> SHEET No. <u>4</u> of <u>9</u>

				122								SHEEL		<u> </u>				
ROC	K TYPE	S & ALTERATION		GRAF	~ l		<u> </u>	FRACTURE	ا دا	BOTTOM DEPTHS		C			AS	SAY RE	SULTS	
	Π.		3 :	1 .	1 -		1	ANGLE TO	IMATE D PYRITE	LEACH CAP	_	Core	ROD	Sample	1%	1%	T	T
1 .	· ·		L to Cor	Alleralla	Structure 2 of 2,	Width	·	CORE AXIS		LIM. ZONE		Rocovery	1	1		 	 	Colimate
			7 =		[결 7.	*	4	-FREQUENCY	- 15 %	SUPERGENE		7.	1	Number	Cu	Mo		Crede
		ļ		111	1/35	1/3	chiser-py	ei.		REMARKS	1	 	 	·			ļ	
		BRECCIA UNIT		111	1/30	y,,	chl-py	10	ゴ		ļ.			1.		1		1
		(200'- 279')			Y.i	Уз	1 ''	20 30 40				98	1.1				1	l
		-this is a complex	НD	111	15	13 14	qt3-carb-py(cp) qt3-ch1-py	50	2.0		205	 	40 %	96067	1/2	.002	1	.12
		unit which may be a sheared and rex.	1	Ш	142	1/3		70 80 90	-					1 .		1002		
		volcanic conglomerato,			4.7	16"	chl-carb-qtz-py-cp qtz-chl-py	80	_			90				1		
		polymictic breccia.		210	\$0×2	Y2X2					211							
	1	in part it is the	- [Ш		1/2/-	amount Medax 2	0 10 20 30 40 50 60	ゴ		1211	 						
		typical op-chl-bx found in other holes, consisting of ragged		11	30×2	1/20×2	chi-py xz	30	-			60	ŀ		1	1		
		found in other holes,	NA	11	1 5	1/4	9+3-carb-p4(cp)	40	3.0		215		53	96068	. 14	.002	1	.10
		an clute up to 1" dia 1	•	Π	30+20	14-410	4/3-ch1-pyx=	60	_	Ì				1				
		in a swirled chil. matrix but also contain	. 1	Ш	[1]	≯ 4	dro-ba	90	-				Α,		1			
		matrix but also contain	-	220		11023	qt3.chl-pyx2	901				85			 			
		rounded Q.F.P. frogs., and rounded diante		П	45 45190130	1. 710×2	ats-py ats-chl-pyx3	0 10 20	┥ ・		1 2 2 2			1 1 1 1 1				
		frage up to 6" dia. -	ł	П	H	1,0,2	di becci-bix2	20	7		1.				1]	.1/	2.0
	1,	(ie ats. pebbles	No	П	150	/ ₂	qtz-ser-py	30 40	3.0	1 .	225		30	96669	10	.004	2690	,14 :
	ľ		- 1.	!	45	1/2	9+3-chl-ser py (cp)	50 60	-		1 .	1			·13	1.00	24/0	
	- 1				10+50	15	9ts-chl-carb-py (cp)	70 80 90	-		1 1	1						
				230	<u> </u>	1/1012	4+3-c41-py(co)x2	90	1			98				<u> </u>		<u> </u>
	- 1	1			70 50 X 2 > 40	y. 1012	qt3-chl-py qt3-chl-py	<i>D IO</i>	-	·			.		l			
	1	į	- 11		40	1,0	9t3. py (cp)	20			1 1	1	1			l i	1	
-	- 1	1	нь		140	1/10	413. by (cb)	10	3.0		235		67	96076			- 1	12
- 1			- 11		90 ×2+15	1/1027	413-041-61	50	-		1 1	- 1	1	16010	.12	.004	- 1	• -
- 1		1	- 11		30+5+40	Yex3 Y10×2	9t3-ch1-py(cp) x3	50 50 60 70 8a	1		1 1	1					- 1	
				240			d13-cv1-b1 x5	90			لـــــا	90						
	-	1		1	30+45+6014	10-18× 6	chl-carb-py (cp)	70 10 10 10 10 10 10 10 10	1 1			· · · [
1	- 1	1			90×2	Y10 12 1/10	chi-carb-pyx- chi-py	20				1.	.				i	
	1		ND.	1 1	25 20+4n	Y3+ Y12	9/3-cil-carb-pr(co) x2	ю	3.5		245		53	96071		,	- 1	,14
1			·		35+13	2"+ 1/2	9/3-col-p4 (cp)	50	"		1 1	- 1		16071	12	-004	İ	i
- 1	- 1		- 11:	f.		2-12	chlser-corb.p. (cp) x =	70			1 1	95	1	.	- 1	- 1	- 1	
 +				250 2	90	1/8	ota u \ /)				251	L						
	- 1			R	10+12	1/2+1/2	13-chl-ser- py 13-chl-ser- py 13-chl-ser- py 13-chl-py(cp) x 3 13-chl-py(cp)x 3 13-chl-py(cp)x 3 15-chl-py(cp)x 3	o		,	~>1		- 1		- 1	- 1	- 1	- 1
[6/1	10 +5+2	Y3+YE72	9/3-cn/- py(cp) x3)	0	'						-		. [١ ١
1	l l	"	ID		1042	11012	413 cm- p1 (10)x2 (Vugat	2	6.0			90	67	96072				.15
		İ	- [[]	Ø	45+35+20 45	Yax 3 Yeo	473-CH1-P1 (CP) Care 6	ő		ş	257		-		.12	.004		1
j	1		- [[[[//	30+40	Xorz	913-cn1-41 (cp) Core 67		I			95		- 1	j	- 1	1.	
	1			260 [/]		<u> </u>	113 1 11	2[]										

HOLE No. 86-21 GIBRALTAR MINES LTD. GRID. SHEET No. _5___ of _ 7 BOTTOM DEPTHS ROCK TYPES & ALTERATION ASSAY RESULTS FRACTURE IMATE D PYRITE LOG C+1.-+1+4 LEACH CAP ANGLE TO Width Vola Core ROD Sample LIM. ZONE CORE AXIS Calimeted Rocovery S4 PERGENE Number -FREQUENCY-Crese Cu * 7. REMARKS chl-ser-py 261 2" 99 90 29-94 ,12 3.0 40 ND 96073 . 14 004 267 /4×2 cxr carb.pr (cp) >= -/3 9t3-cnl-p4 qto-carb-chi-py 98 1/4 1/62 4 160x 2 + 30 x2 atz-enl-pyx 4 10 1/2 qt3-carb-py 2.5 ,10 96074 .20 .006 37 Med YIOXS chi-carb-py (cp) x 3 277 chl-carb-py 90 BANDED QUARTZ 12 SER. - CHL. - CARB. qtz-carb-chl (py)(cp)zone 70-80 some pot no det. 3 96075 . 14 4.5 .007 .16 ZONE (279'-309') (cp-py dissem along folio planes and as massive 287 100 Fault bands and laminae of ats-cario up to 12"
thick in a tinely
laminated background
of ser-chl-carb-ats clots within ofseard 95 : this may be a meta. finely banded 10' 9t3-carb-chl-ser (py)((op)) . 12. 4.0 tuff of dasite to 27 96076 .13 rhyolite compositions. 297 (cp-py as above) - carb. is brown weathering 95 80 chl-curp-eb(b1)(cb) 3.5 ,18 33 96077 ,0/3 .30 307 grades to a epich of chl-ser-carp-py x 2 973-chl-py-cp x3
473-chl-py (p) x3 4513 410 × 3 META ANDESITE 4012 430 Y10 x 3 UNIT (309: 333') atachil-pyxx 95 50 x 4 1/10×4 .19 60+20+48 1/2. 110 x3 413-cH1-P4 48 5.0 Same as 130-200 2.600 96078 9+3-17-1- Pyx = 70 30 1008 3:12

ofz-ch1-corb-81(6) +2

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GIBRALTAR MINES LTD.

HOLE No. 86-21 SHEET No. 6 of 9

ROC	K TYPE	S & ALTERATION	1.	GRAP	;		<u>:</u>	FRACTURE	9	BOTTOM DEPTHS		Colomotod		1	AS	SAY RE	SULTS	
			3 =	5 ·	7,511. 1,00.11. 1,10.11.	44	16 til	ANGLE TO	IMATE D PYRITE	LEACH CAP		Core	ROD	Sample	1%	%		Estimated
:			Z to Core	Alleration	7.	width. Vefa	Hinere	-FREQUENCY-	£ 57 //	SU PERGENE REMARKS	0106.00	#*c***********************************		Number	Cu	Мо		Crede
			HD		10 +30+2 10 10 +35+30 20-30 1 b 28 20-30 1 5	12 + 1/4 + 1/8 3" 1/4 + 1/10 = 2 1/20 + 1/8 + 4 1/20 + 1/8 + 5 1/20 + 1/8 + 5	chi-ep pi (a)	0 10 20 30 40 50 60 70 80 8	4.5	<u>.</u>	32.7	98	53	96079	.17	.005		. 14-
		233' CHL: 47. BRECOA 	нэ	330	30+35 20 3* 20 42 3042 2116	71042 4" Ylorz /8 Ylorz	9t3-chl.pyaz 9t3-chl.pyuz 9t3-chl.pyuz 9t3-chl.py 9t3-chl.py	0 10 20 30 40 50	4.0		27	98	50	96080	.15	.004		OI
		rounded to angular clots at ap up to IX. atia in a chi. rich matrix - in places this is a dioritic matrix - fairly typical rx. type	ИО	340	3042 5+50	110 X10 X2 110 X2 110 X2 1/8 X2 1/3 X X	9 t3-ch1-pyx2 9 t3-ch1-pyx2 ch1-ch1-pyx2 2 t3-ch1-py(cp)x2 Ch1-ch1-py(cp)x2 Ch1-ch1-py(cp)x2	270 270	5,5	24	(-1	95	53	96081	.31	.029		,14
			ИЪ	360	50 40 30+40 5+45 10x2 43 2s	1/3 1/8 1/8 1/8 1/4 1/3 1/3 1/3	173-61-1-4(cp) vyssy No. 2 173-180 vick seetim 36 173-410 vick seetim 36 173-61-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	9	4.0	3.5		6.2	70	96082	.29	<i>∞</i> 38	.23 2555	.18
·			N D	370	40+35+2 / 5 542 30+10+40 80+96 35+2 20+15+50	4+46 66 4+40 62 62 62 62 62 63 62 63 62 63 63 63 63 63 63 63 63 63 63 63 63 63	13 - 111 - 64 (4) 500 14 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		5.0	36		15	73	76083	,22	, o/ o		,22
		,	a (4)		45 7	10 10 10 10 10 10 10 10 10 10 10 10 10 1	13-06 - py (cp) x x	7	F. 0	4.00		3	β¬ η	.4084 .	17 .	৯০৪		.14

GIBRALTAR MINES LTD.

HOLE No. 36-21 SHEET No. 7 of 9

ROCK	TYPES	B ALTERATION	-	GRAPI			:	FRACTURE	۵ "	BOTTOM DEPTHS				1	A5:	SAY RES	ULTS	
			1 : :	LOG	- i -	:	100	ANGLE TO	IMATE O PYRITE	LEACH CAP	\dashv	Core	ROD	Sample	%	%		Estimeted
			- 1	Anterna	Valar Valar 1. 1° Cor	Vidin		CORE AXIS		SU PERGENE		Receivery		Number	Cu	Mo		Crose
-			7 2		7.		חני		2 %	REMARKS	1 : 5	7.	L					<u> </u>
					80+60	/2 /10 /+ /10 /4	42-64-64x2	0	}									
		383			30	/+ /15	973.chl-py	30	}	ways an extension when a reason would be and a sink a published a left labor.		95		1				.,,
·		META ANDESITE	פא		10×3	1/4 1/8×3	9/3-P1(P) 9/3-P1(P) x 3	40 50	3.5		387		57	96085	.08	.004		.12
		UNIT (383-507')		Π	120	1/3	9tz-carb-chl-py	60 70			130.	<u> </u>	1					
		same as 120-200'		390	4.5	/+	carb-chl-ey-cp)	90 90				1		ļ	<u> </u>	<u> </u>		
			.	11	10 45	/2 /4	caro-ont-py (cop)) ep-py (cop) corb-ont-py	0 10				45			}			
					50+4012	Yiox 2	corb-chl-py	30	4.5	ļ ·			_		1			10
			к э	Ш	10+40×2	Ya+ Ya + 1/10	gts.chi-ep-pyx3	20 30 40 50 60	כיד		397		30	96086	.12	.003		
				11	30	<i>y</i> s	qt3-chl-ep-py	70						İ				
				100		<u> </u>		90			 		 					
			-		10 5 x 3 20	1/2 + 1/842	qt3-py (460) qt3-cn1-carb-py (cp) x 3 \	0 10 20				95.					-17	
	ı		1		1 20	2"	3+3-PY (cpXMa)) strong	30					73	01-0-	26	.035	2510	.25
	1		40		20	3"+22×2	ats. py (cax Ma) ats. py (cax ma) ats. cy () (cax ma) ats. cy () (cax ma) ats. cy () (cax ma) ats. cy () (cax ma) ats. cy () (cax ma) ats. py (cax ma)	50	6.0		407			96087	.35	.030		
	-				i c		9 3 ((c/n))	0									1	
				410	40x2	1"+ 1/4	9+3(chi)-py(60)xz /	0			_	}			- -			
	İ				7 40 1 3 1 2	1/10 1/2 + 1/2	9+3-84 × 2	0				78		j				
					5	1.	4+3- Pr (cb) (mo)	0	3.5				80	96088	11	.022	1	.14
	1		VID		90 x2 90+70	19 x2- 13 + 10	ser-py-(cp) atz-chi-ser-py(cp)xz	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,,,		417			46008	,16	.022	.	
		A harden	: II	1 1	35	1"x 3	chl-carb-py (cp) 7	0						- 1		1	1	
 		neta - basalt ? - 30./0		420	3310.440	1 43	47543 8 4 19 19 19 19 19 19 19 19 19 19 19 19 19				\vdash							
		and ~ 20-30 interstitues		1 4	40+70	Y2+ 1/2.	973×2	9				95		1		[ļ
			V5		30		ser-en-py de	2	2.5				83	96089	,04	.003		.10
		as above.		1 1/2	75 45-130145x5		ep-glychi-py	0			±27			,	' '		- 1	ĺ
	1	as above.	- 11	430	4273071242	1/20-Y0×7	ep- ((ci) x 7					1		1				·
					15 (a)	y2 3"	20- 1/(1/1) x 7 20- 1/(1/1) x 7 20- 1/(1/1) x 7 20- 1/(1/1) x 3 20- 1/											l
	- 1			ſ	,	1/4	11- cusp . bx 30					48	{	1			- 1	
	l		10	1 1/72			2 p- 9/3- p/(s) x2		3.0	ļ]	83	96090	19	.005		,10
				И	40-45		p-carb. p136) x2 66			į	437				'	-	- 1	
	1.	j	- 111	440	1312	Y10 x 2.	20-973-14 xz						- [ł	- 1	L		

GIBRALTAR MINES LTD.

HOLE No. 86-21 SHEET No. 8 01 9

ROCI	K TYPE	S & ALTERATION		GRAP			:	FRACTURE		BOTTOM DEPTHS	T		T			SAY RES	ULTS	
			3 :	1.5	. 1 ~			ANGLE TO	IMATE D PYRITE	LEACH CAP	_	Core	ROD	Somple	1 4/	1%		r
	ľ		L to Cor	Fellollon Alluration Felloge	Structure Value Autu	width Vela		CORE AXIS	E	LIM. ZONE SUPERGENE		Recovery	" -	Number		1		Estimeted Grade
	<u> </u>		17.	22 2			<u> </u>	-FREQUENCY-	2 %	REMARKS	1 3 3	7.			Cu	Mo		Creek
		there oppears to be			40-30 5-18	13" 1/4 1/10	ets-chi-carb-(Ha)(cp) zone chi-carb-py(cp)	0 10 20 30 40 50	7		1			1	1			
		a progressive change with depth to a more			7. 4.	1"	973-ep-cp	20 30	3			95			1	1		
		plutanie-looking rx.	ND	111.	79+45+35	1/2	9+3-641-74	50	3.0				63	96091	1,13	,028	-	.12
		harder with short			45-60 4 10	1/8-410	913-ep-py	60 70	┪ '		447		⊢		1		,15	j
		-the rx at the bottom		450	1 12 10 1 10	1/10-Yex10	ep-py xio	90	1						1		2465	
		of the hole is a		Π	35×2+60	/8×3	ep-84x3	0 10 20 30 40 50 60	∄ .			100						
		typical Barder Phase Diarite - grn size	ND		15	Y2	ep-carb-py	30	1	·								
]		~ 1/10"-		11	2.	1/8	ato-crit-ba	50	.3.0		156		80	96092	.14	.003	1	.10
			.		15	24 1/4	chl-(cp) ats-chl-py	70	‡			1					- 1	
├				160	125+40	10 10 10	chl-py (cp) chl-carb-py (cp) x2	90	 			. }			ļ			
	l	ľ		11 1	10150	11012	chl-carb-py (cp)xz atz-carb-py-cp	20	‡		1 1	90	1				- 1	-
	1		45	11 t	9 42	12"	at 3-ser-cal-py	30	4.5				-		75	200	İ	.20
	ĺ	-	Mod		35x 7		atrickt-py-carb (co) zone	50 60 70	4.5	·	466		23	96093	.25	.009	1	
					45 35x 7 45 50		9/3-(py)x6 - 2t 3-chi-carb-py(cp) 2t 3-chi-py(cp) 2h!-carb-py(cp) 3-ne	100				80					- [
				470	80		of3. Py	90			471	-						
	- 1	pale gen Cine gra						20 30								1		1
			50 WK		10		A	30 i	2.5			95	.				1	16
		- (~~		"	`	19-64	40 50 60 70		<u> </u>	477		27	96094	.44	,026	-	
	- 1		- 11	480	50	z* q	to-chl-py(cp) some	90 90	- 1	Į.		1			- 1	- 1	- 1	-
					80 2	." c	hl-py (cp)	90				-						
			- []				nicarly-py(cp)	70 20 30	1			95		1		- 1		
1	- 1		70	Й	40+70 17	2+1/4 C	hl-comb-may (cp) = 2 (40951	50	1.5				40	96095	,40	015	-	.20
		, ,	" [[[70	15 C	hl-care-in/(co) some	70	- 1	1	487		- 1		,,)	010		
					1.7	. a	+3-mag	90							-	1	<u>l</u> .	
			- 111	11	0 12	10×2	13-chi-cpx2	0				a						
					70	.]_,	\	000000000000000000000000000000000000000	- 1			95			J	i i	30	- 1
		3.		1.	1	ſ	il-carb-py	0	1.5				17 9	16096 .	23 /	007	2420	15
		1		H	1.	1	5- Cp	0		1-3	197			-		1	- 1	- 1
			:	200 1/13	0 + 2 1 1/10	145 36	- 47- 43 43	2					1	i	- 1	1		

HOLE No. 84-21 GRID_ GIBRALTAR MINES LTD. SHEET No. 9 01 9 GRAPHIC BOTTOM DEPTHS ROCK TYPES & ALTERATION FRACTURE ESTIMATED % PYRITE ASSAY RESULTS LOG LEACH CAP E 01.-0104 ANGLE TO Core ROD LIM. ZONE CORE AXIS Calinete Recovery S4 PERGENE Number -FREQUENCY-Cu Mo % REMARKS 120 ×3 ep-carb-cp x3 carb - c+ 1/4 1/0 ,28 1004 . 90 ep-carb-cp chl-carb-cp chl.carb-pg 1.0 96097-17 507 .26

HOLE No. 86-22 GRID_ GIBRALTAR MINES ITD SHEET No. ____ 01 _ 8 WITHOU ~ 32,604.00 N LOCATION SAW MILL ZONE CORE SUE LOCCECO M G.D.B 504 DEMATURE ~ 49 . 080.00 E OUTE COLLINEO 17- Aug - 86 MIE Oct. 27,1986 REMARES * See Dage 1 DATE COMILETED 17 . A 119 - 86 ELEVATION ~ 2982 - base of - Quarts Diorite intersected at 3751 GRAPHIC BOTTOM DEPTHS ROCK TYPES & ALTERATION FRACTURE ASSAY RESULTS LOG LEACH CAP Velas te Cere Asle ANGLE TO ROD % % Core Somple LIM. ZONE CORE AXIS 72' Estimeted Ascovery SUPERGENE 180' -FREQUENCY-Number Crede Cu Mo REMARKS Casing To 9tz-chl-py-lim x3 - weak lim. zone FPIDOTE - CHLORITE 10 x 4 10 x 4 9t3-chl-py-lim x + .- weak supergene 90 29/5 BRECCIA (61-125) ser- 91-1im 3.5 10776 40 ΙO 002 a complex rx unit 145×2 ol ox chl-carb-py (ep) 18x2 consisting mainly chi-carb-py-lim of rounded to 90 subangular clots of epidote-rich material in a largely dark green chloritic matrix chl-carb-py 4.0 .14 10777 .12 .002 chl-carb-p+ 0206 The clots range from 1/2 (4+3) - chi-py (cp) (cc)) No-2" dia and often are ragged, corrided cp appears to be 0 20 30 YIOXZ 9 tz-carb-py (cp) x2 1 25 22 confined to the xand embryed in the 135+20 41012 chl-carb-py-(rp) x2 cutting veins - mainly consider the fire. The chiorace matrix abo
oppears fragmental
other fragments are
present but from < toy
of the rx - mainly those with carb - and 1/20-110×4 chi-carb . p.g-cp x 4 1/201 A 3.5 appears spaire in the dissent Fraction .18 10 Yio 93 10778 giz-chi-py-cp . 10 .002 4-2-cy-b4-cb

3.0

913-84-cb 913-84-cb

(4t3) ser-p-1-co

carb-cm - py-cp+2

chl-py

174

quartz, ordorite, davite, fine arm diarre - also

present are thin (1-4) bens of fine

ara wed ween finely

laminated material

beading (a) 70-80"

0106

.17

Olax

500

. 20

98

90

10779

94

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 2 of 8

ROCK	TYPE	ES & ALTERATION		LOG		1	FRACTU	0.0		BOTTOM DEPTHS		SHEET	No	2 of		. ·		
1.		1.	15 4	1 3 3 3			ANGLE	RE Q	PYRITE	LEACH CAP	-i	C	l		AS	SAY RE	SULTS	
.		1	Z 10 Car	Y Charles	wiers	•	CORE A	NIS NI	X	LIM. ZONE	┦	Core	ROD	Sample	1%	%	T	\top
	-	: This is a common		LOG 11971 7	¥ //s	Wha.	-FREQUE	NCY-		SUPERGENE AEMARS		7.		Number	Cu	Mo		7"
		rock in the Sawmill Zone are is considered to represent a meta.	wk- Mod	40x5 35 20 15-20 45	10 x 5 10 x 5 10 y 4 10	qts-carb-py-ep qts-chl-carb-py-cpy= qts-sb-py(cp) qts-chl-py(cp) qts-chl-py(dp) qts-chl-py-ep)	0 10 20 30 40 50 60	5,0	. 1	* This hole intersects a strong py. sone which has an erretic copper grade - the	1		97	10780	.21	.002	3	3
+		volcano clastic unit- prob. a volcanic conglomerate		110 35 XZ 40 45 XX	1/0×2 .	913-cnl.p1 913-carb-py x 2 913-carb-py 913-carb-chl.py (co) x z	60 70 80 70 0			best grade occurs at the base of the py some (py \$2.0%)— ie uniform copper		98			x010.		.15 2870	
		: this unit contains Finely dissem by Throughout - only the	60 WK	45+1 30 1a+ 60+50	18 x 2	gtz-ca+-py(cp) gtz-cn1-py(cp)x = ltz-cn1-cavo-py(cp) ltz-en1-py-cp x z	20 30 40 50 60	5.0	,	grade + higher 140 - the best one occurs at the bottom 50'	114		73	10781	.44	.002		.3
:	-	larger x-cutting vening are recorded.		120 10	/2 4 ×2 0	13-c41-carb-py-cp 13-c41-carb-py-cpx3 13-carb-c41-24-cp 44-carb-py x2	90		6	f the hole.		95						
	+		60-70 NVK	100 100 100 100 100	710 q	13-ch1-cark-pt-cp 13-carb-py 13-carb-py 13-carb-py 13-carb-ch1-py	\$0 \$0 \$0 \$0 \$0 \$0	4.0			125		33	10782	.12	002		, 15
-	1	META ANDESITE		150	/4 qt	3-carb-py 1-carb-py(cp)	70 20 90					90					ļ	
	0	mainly a dense dark	. О ДК	N 45	to chi	-carb-py(cp) 3-cm_carb-py(cp) -carb-cp 5-ch: curb-cp 5-ch: curb-py(rp) x z -carb-py(cp) x z	20 30 40 50	s-5		· ·	35		0	0783 .	25	002		.18
-	5.	also contains beds miliar to the epichl	- 	40 1 25 Y	chi-	-carb-py (cc) +2	70 80 90 90 10	-			0 9	0						
	+ to	this rx is considered by a fine truit of effy andrestic comp.	`	\$0 \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	chl. qt3 coib	- P4 (tc)	30 40 50	45		14		0 17	. 10	784	.0	08		.12
	-co	ontact with overlying to	113	75×2 /6: 76: 40 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2	2 Carb-	ar's -py(co) = 3 Pyx2 arb-py arb-py	70 80 90 90 10					-	+	_	+	-	+	
	016	r ~ zo' Mad.		15 x 3	2 x 3 qt3-c	4,0-64 4,0-64 × 3	30 40 50 60 70	7.0		157		23	107	785 .3	2 ,00		28 825 .	.12

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 3 of 8

		S & ALTERATION	1	GRAPH	(IC	.]		FRACTURE	۱۵	BOTTOM DEPTHS	1	1	1	1	AS:	SAY RES	ULTS	1
ROCK	TYPE	S & ACIERATION		LOG		1 =	•	ANGLE TO	PYRITE	LEACH CAP	1	E	ROD	Sample	1%	1%	T	
		1.	3 4	:	1000	4 4	į į	CORE AXIS	2 2	LIM. ZONE] : :	Account	1,00	Sample	- '- -	1	 	Calimeted
		1	- €		12/13/218 12/13/21 11/14/21 11/14/21	wielh Vein		-FREQUENCY-	13	SUPERGENE		7,	1	Number	Cu	Mo	1	Crose
1 1			7-	₹ 3.	ੜੋ ⁷ :	1 -	i .	/ ACQUENCY-	3 %	AEMARAS .	1:5	"	1	1				L
ļ				П	100 70 × 3	15'	913-cer- 91 (cp)	0 1	1			80			1		يم ا	1.
				Ш	7. 43	1/20×3	chi-cp-py x 3	20	7	- a some of highly	162		1	1		1	3	4
1 1			50. 70	11	60 x 7.	1/3-1/10×7	9tz-carp.py x 7	30	1	-	l i	98	.	1		1	1	10
•			70 Mod	11	5.	1"	qt3-carb-py	50	6.0	broken rx and	j j	40	٥	10786	.24	.004	1	l '° [
1 1		1	17184	11	l:I	1.	1	70 80 90	1 .	last core occurs	167					· ·	j]
		j		Π	10	2 "	chl-carb-py	80	1	at 175-210 but no fault gouge is					1	1		1 [
1		170		170	20	Y10 .	chi-carp-py(cp)		ļ <u> </u>	fault gouge is					 			
			.		₩ 10 × 2	1/3.1/0	of 2-em-co-p-py x 2	0 10 20 30 40 50 60	}	present - this may be a shatter	-	80		1	.	1	1	1. [
([- 1	FINE-MED GRA	- 1		1	1	·	20	1	may be a state		,		1	1	1	1	!
1 1	ſ	META ANDESITE	50	Ш	[s	1/3	chl- py (cp)	40	5.5	sone vather than a fault.	176		3	10787	.20	.002		.12
1 1		UNIT (170- 285)	Mol	11 1	470	y ₂	caro-py (cc)	50		~				1		İ		
	- 1	a complex unit	- 1		.1	['-		701				. ,		10, 450 10	1. :		ŀ	
.		consisting of several		180	20 20 +20	12 12 12	9 3 - p-)	90]	95				<u> </u>		
├		andertie to darite		1,00	10+5	1/3+1/4	Chi-carb-P1 x2	0								1		1
	- 1	andesitie to accitic composition but vanima in terture - most	- 11		40	3.	ser-chi-py (cp)	10 :		ı	183			ļ ·	1		1	
		in terture - most	50-			/+ x2	913-py-cp 913-py(cp)x2	50 10										,10
	,	المطابعات مطافق الما	60		40.2	Y8×2	chi-cosp-bi/co).s	10 ! So !	7.0	ł	1	.	10	10788	-19	.004		
	1	to 41-125 but finer	wk-	1 1/2	25 5	y,	ata-exical	50	1	Ī	- 1	90						
]	to 61'-125 but finer frags (~ y=")	~~~		30+13+6012	1/2 1/3 = 1/4 = 2	913-P1 13-64-carb-Py × 4	70 Pa		1	į	- 1	i					1
	lc	a) a de avoca andistil			20+5	1/3×2	9t3 - carb - py (cp) x 2	10			190	<u>-</u>			 			
		, some as 125-170	- 11	1	45 10	² / ₃	chi-caro.pi	0	1	1			1				. 1	1
	(.	3) a grey med. gra	- 11	1		1	1 [2	0	1		194	6.5]	1
l		dacite? consisting of qt3, spar + chi	507		10 + 2	^ '	·	ö; öl	6.0	<u> </u>	111		3	10789	.13	002		.08
		of atinspar + chi	- 11		912	1/3 x 2	of 3-carbiehli Alxa	0		i	1.	- 1	١ ١			'	,20	1
	6	1) a med green fine grn. anderite (40-	- 11		}		· [2	0	1	1	1	55	i		1			1
1			- 11	200 7	25	/2	atz-chi.carb-ps	0]	1		f					2780	
		which in places		3	2014		Ser- P1 x 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			201		-			1	- 1	1
. [approaches a dionit	- 117	1	· L'		[24	2			203	50				1	ŀ	1
	1	. contacts are generally s	- 111	128	15 43	loxa c	arb-enl-py x 3	2		į.	1.	-	3	10790	.10	406		99
-			loa	FA.		1015 4	13.011-94 x 3 3 4 4 5 5 6 6 7 6 7 6	śi –	6.0	1_3	206	50	3 1	10740	.,,	.006	- 1	
}	-	unite are -1-10	~	1.1	1	1	64						i		-	- 1	- 1	-
- 1	1 .	thide .	- 111	210		4	, 180	11 2			10	65	- 1	Į.				·
		most common is		210 1	. 17			<u> </u>					<u>i</u>					1
1	1	I	- 111	7/1 2	0 × 2 y	3.1/2	Al. carb-pyx? 20	1	1	1			- 1	i	1	- 1	1	I
] -	 ;	This is considered	- 111				13.5ec- py		- 1	į		15		1				.10
j	10	be an interbroker		7/1	1/2	1 /3 CV	nl-carb-py (cp)x3		7.0	1		:	23	0791	10	.008	- 1	,10
- 1	اک ا	equence of volcano-	- 111	12/1		2 Ct	kl-carb-p4 / 20 kl-carb-p4 x 20 15-sec-p4 20 300 1-l-carb-p4 x 3 50 1-p4 x 3 60 1-p4 x 3 70		- 1	_2	17		i			1	- 1	į
	10	astic res	- 111.	n	1/'	1	t o n		1			- 1	- 1	1			1	
i i	ı		1112	20 // 6	1/2	100	1-ca+5-21 50	·	ı	L								

GRID_

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 4 of 8

R	ocx	TYPE	S & ALTERATION	אכ		GRAPH	19	1	. .		FRACTURE	1.	BOTTOM DEPTHS			7	T				
	$\neg \tau$		1		L to Core	LOG	1 - : -	-	:		ANGLE TO	16.0	LEACH CAP		c		1	A\$	SAY RE	SULTS	- 1
1.	ŀ	•	1.	- 1	• =	Vallenting.	7.1h 7.1h 7.1h 7.1h	Vitalia,	į	- 1	CORE AXIS	PYRITE	LIM. ZONE		C	RO	Sample	1%	1%	1	
1	:			- 1	J =	123	77	= >		- 1		13 6		1	Recover	,	1		1		Catinoted
						22 2.	7	١.	<u> </u>	- 1	-FREQUENCY-	2 %	SUPERGENE	:	7.	1	Number	Cu	. Mo	1	Crete
							5+1512	1+ 14+2	9t3-cul-earb-py xz		al.	-	· REMARKS ·	1-	<u> </u>				<u> </u>		
j	- 1	- 1		1			50 ×2	3" + /2	ser-py (cp) 9+3-ser-py (Wo) 12	į.	10	1	1	- 1	1		1				
	١.	- 1		- 1			3	3" 1/2	9+3-ser-py(100) 12	H	0 1	7	İ	- 1			1		1	3	1
1		- 1		- 1	MP	11 1	5×3	/4×3	chi-carb.pyx3	Ī	0	6.0			95	1 -	1		1	1	1 1
- 1		j		- 1	- 1	11 8	15+5	2"+Y	ser-py (co)	5	0	1		227	1	20	10792	.32	.008	1	,10
.		1		- 1			1			2	0	1 .	'	1	1	-	1	1	· ·		
						230		18+1312	chl-carb-pyx3	2	0	1		-	1 .	1	i	1	1	1	1 1
1		- 1		ŀ	- 1	11 N	12 X 2	Y2×2	chl-carb-py x>	24 34 50 50					95		+			<u> </u>	
ı	- 1	- 1		- 1	- 1		1	. 1		20	,	1		-	13	1	f.				
1		- 1		- 1	ND	11 1	15	/2	ata ta a c	. 3					1	1	ľ	[,		
.	-	- 1			NP	II IA		Y2x2	chl-carb-py (cp) chl-carb-py x 2	50		4.0		235	 	13	10793	.20			.12 .
1		- 1	the second of	- 1	- 11	1 1		//		60							1	1.20	.004		ſ
	: [.		1	- 11		20	3	cyp-carp-bh	90	-	ı		1 12.50	1		l.,	50.0		y 20 - 254	
	\top					174			chl-carb-py	90					55		1.				
1		1		- 1	- 11	1 1/4			chl- pyx3 carb-py	0	!	- 1			1		I				
		- 1		1	- 11		1.	. 1	caro-py	20		- 1		1	1 1				- 1	1	- 1
	.	1		14	D		3	'	99-61	10		_		244						. 20	- 1
		1		1	- 11	1 14.	* × 2			50		5.0		1	10	47	10794	. 22	006	2735	, 08
1		- 1		- 1	- 111	Ki.	1 '		its-cal-carb-py xe	701		ĺ		247		1				- 1	1
					-111	250	10x2	42 C	hl-carb-py < 2 hl-carb-py x2	50 50 60 70 20		- 1		1	- 1	ł	1	- 1		}	1
1	Ì				-	1 3	15	8 6	h!- PY	01				-	-	!					
1	1	- 1		- 1	- 111			1 3	-landy barrier and	20		- 1		1	95		1	1	- 1	- 1	. 1
1				1	- 111	5	72 /2 V-	+ /3+/A C	hi-carb - byx3	30		i			75	}		1		- 1	1
1	1	ļ		140	, 111	74	5×2 //2	+2" c	hi-carb-py ((cp)) x2	301		5.6			i	43	10795	12	004	1	12
1	1	- [1	-111	11 5	145	·	1-carp-pyxz	601		- 1		257	- 1	43	10/10		.004	- 1	
1		- 1		- 1	111	260 7 30				80:							1			- 1	1
	1			_	-111	1 20			1-corp - bd (cb)	90						l		Į			
I	Į.	1		-	111	20	1 1/4	1 00	I comb	10						7					
ł		- 1		1	111	1 40		. ch	1-carb.py 1-carb-py 1-carb-py	20		- 1		.	95	1	1			- 1	
		1		NO	$\parallel \parallel \parallel$		-40 /A	c,	il-carb-p-j	40		5.5			-	1	- 1	1			
	l			1	Ш	3 30	+10 /3.	Yer's on	1- caro-py (cp)	50		.			1	40 1	0796	14	008	- 1	,12
1				1	111.	1 60	1 6"	Chi	- sex-bd 3-us	70		- 1	ŀ	267		- 1	- 1	- 1		1.	1 1
	-			+	+ 1 1 27	0	——————————————————————————————————————			50		- 1		- 1	1	- 1	- 1		- 1	1.	
- 1		1		1	Ш	15 x		13 Chh	carp-bl	10					<u> </u>						
i		1				30-	13-3		. 61 (cb) x 2	20		1			90	1		!	- 1	1	
- 1				ND	Ш	Til s	127/4	chi-	carb-p. (cp)=2	40		- 1		- 1	.~	- 1	- 1	- 1	1		
		1				20 17	2 /4 + ys carb	-Py-ip Corb-py (cp) x2	50	5.0	0	!	- 1	4	7 110	797	22 .0	006	- 1	14	
1		1		1 1	Ш	40×3	1/1013	Chi-	tarb-py(cp) x 3	70		1		27		-	- 1	1	- 1	- 1	1 1
1				LI	1 280	1/2026	2 / 1/2 - 1/2	carb.	pyer	20 30 40 50 60 70 60 70 60 70 60 70 60 70 60 70 60 70 60 6		1	1	- 1		- 1	1		- 1	1.	1 1
								1	17	~1											

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 5 of 8

GRAPHIC BOTTOM DEPTHS ROCK TYPES & ALTERATION FRACTURE ASSAY RESULTS LOG LEACH CAP ANGLE TO Vales Pe Car % % Width . Core ROD Sample CORE AXIS LIM. ZONE Estimeted S4 PERGENE Number -FREQUENCY-5 Cu Mo Crole * % REMARKS chi-carb- py carb-qt3chi-py-cp x2 carb (chi) -pyx2 carb (chi) -pyx2 3/A Y3 + Y4 Y4 + 2 Y4 + 2 20 60 ×2 20+5. 90 1"4422 caro-qtz-py(cp) 37 12 4.5 .19 .006 16798 Mod ats-carb (chi) py ((cp)) x s 267 7 KZ 1/3×2 carb (chi)-pyxz FINE TO MED GRA .17 1/10 × 4 META ANDESITE chl-py x4 2690 9+3-chl-py 20 UNIT (285-352) 5+45+30 caro-chi-py+3 1/8-1/0x3 90 very similar to the carb-chl-pyx2 20 30 40 50 60 70 90 above unit with no atz-chi-carb-pyxz 15×2 Y8x2 10799 006 .10 60 3.5 37 .19 obvious contact between the units - this unit however, is more unitorm Mod-(| 10 atz-ent-py 297 atachle py in texture and comp. /| is 9/3-21 and grade in many chl-py x2 0 10 places to a mediom grain dioritic-appearing

rx. - a typical rx

type of this unit is 50 1/3 qtz-carb-py-cp 95 chl-ep-py 15.5 30 110x2 Chl-ep-pyxz 30 . Of 3.0 10800 10 004 10 chl-py fine grn (1/20-You) , 307 contains ~ 40% chi 9tz-chl-p1 35 0/0 plag and 200/0 epidote as stringers + clote - some qt3 (10%?) 0 10 20 30 1 9t3-chi-py 98 chl-ep.py x 3 160x3 1/10 × 3 can be seen with magnif. .: this unit is interpret. 45 9t3-carb-p4 315 47 10801 . Z3 .08 010 45 to be a metamorphosed chil-py 40 5 20+5 Sequence of Flows + unl cano clostic seas. of carbiep.pv chl-ep.py chl-carb-py (cp) x2 95 Chiefly andesitie comp. Y1042 c41-ep-py x2 :5 chl-carb.py 115 Yz chl-carb-01+3 35×3 32.5 1/10x3 .06 4.0 27 10802 . 1 % 012 10 ×2 /3+ /4 /4 4t3-mag-(co) + 4t3-ch1- py carb. Py 1/2 chl-carb-es 90 chl carb. py (cp) +2 /3×2 20×2 4063 YOK3 chhep.pyx3 20 30 333 20+35 1/4+1/10 .17 cini - py (sp) + = NO 13 chil-carb-py ,08 1 6034 98 ,14 008 2645 3.5 37 10803 cal-op-py 1+ 337 1003 4 0 x 5 ats-entry x = atz-py(co)((M.))

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 6 of 8

ROC	K TYPE	S & ALTERATION		GRAP					FRACTURE		BOTTOM DEPTHS		1	T	Т	AS	SAY RE	SULTS	
	Τ.		Z to Core	1.5	. 1 -		100		ANGLE TO	IMATE O PYRITE	LEACH CAP	_	Core	ROD	Sample		1%	T	T
	ľ		2 =	Alleration	1117 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Width			CORE AXIS	¥ 2	SUPERGENE		Recevery	"	Number		1	1	Estimeted
	<u> </u>		14.	25 3		1	i		-FREQUENCY-	2 %	REMARKS	1 : :	/ %			Cu	Mo		Crose
					15 40	12 + 12	qt3.cp + qt3-car chl-py qt3-carb	p-64	0				1		1	1	1	1	
					10 0	10	carb-cp		20	7	1	-	98	ł			1	İ	
'	Ĭ .		ИЬ		15 45 40	1/4	qt3-py-cp (Ma)		50	3.5	· .	345	 	33	10804	.34	.008	1	.16
	1			11	40 35 × 2 15 × 2	ys ys.z. y.+1 z.			60 70	1						1	1 .	1	
	l		<u> </u>	350	1042	1 /8×2-	9/3-ch-py(cp) +2 9/3-ch-py(cp) +2 9/3-ch-py(cp)		90	7		-	95						
		352			351 45 450 50 x2	1/4 12 + 1/3 1/4 x2	carb-chi-py (cp)x2		0 10				13		1	1			
				П	••	132"	carb-chi-py(Gp) 30m		20	1		7.							
		EP-CHI BRECCIA	ND	\parallel	60x3	Y10×3	chl-carbopy (op) x #		20 30 40 50	3,0		355		23	10805	. 19	.006	1	.14
		AND DARK GREEN	.	Ш	70 X2		cinl-carb-py(cp)x2		70				90			1	l		1
		META ANDESITE		360	43 - 40	Y10 + YA	cyl-carp-by ns		90			359					1	1	1
		similar to the breasis of 61-125' and the	- 1		45+5x1	1/8 × 3 1/10×2	chl- py (cp) x z					1	Ì			 			
		du green andesite of			70 % 3	Y8	cerb-cp		0 /0 /0 /0 /0 /0 /0 /0 /0 /0 /0 /0 /0 /0				98					1	
			60-70		5012	Y2+74	carb-chl-py-cpx3 chl-carb-py-cpx3		90	3.0			1	23	10806	1.26	.010		.15
		(352-375')	Med.	1 1	70 4# 60 x 3 50 x 2	10"	carb-pi(co) carb-qtg-pi(cp)	3onc	60	- 1		367				1	·	ļ	
		(352-313)		310	50 12	7,0×3	chl-corb-py (cp).		90			1 1	1						
				1 1	1		hl-gts.carb-cp		0			+-1	95						
	l		- 11		145	1/10 0	inl-cp	chl-nich	20	- 1			.,	j					
		315	Mod	 	4 60	Ý.º S	th p (co)	3one 4	0	1.5		375		20	10807	42	01-0		40
1 1	- 1	FINE TO MED. GRA	"6a		70 1 4	120-110×4	hi-carb-py-cp x 4		0				- 1		10801	.7.	.012	,28	
		QUARTE PLORITE		280	5 2		chi-cp)	0	- 1				1	- 1	1		2600	
	.	this rx. is sheared		E	60 1	2." [c	h1 - carb - Py (co) 7	270	0		······································		95	-					
	- 1	and altid, making its				2'	orp-cri-bl(cb) 20	12	0				- 1		l	1	1	1	
1 1	-	The rel. unalt'd ru	40	1	60	' '	hi-carb - py-cp 301	7. A		2.0		385		53	10808	, 33	054	1	. 25
		r quartz diorite-ie	" [[[60	s' qi	3-chl-carb (py)((7.7									.	. [
		grn size /20-/10"		390 5							carb weathers to a		.		1		- 1	1	·
		~ 20 % qt3 ~ 20-30% chl	- 111					10					95	T					
		~ 50 % saus place 55	s-			at	3-ser.chl-carb(p	7((°47) 3c		- 1	\			-		-	-	1	- 1
	- 1	: this may not be sto			55-60	11	od-ob occor as	3000 50		3.0		395	-	10 1	0809	.23	.016	- 1	-18
		Mine Phase.				'	'Fine dissem's a	long 70			/						- 1	1	-
		(375- 504')		100 E			foly planes)	90 90										1	

GIBRALTAR MINES LTD.

HOLE No. 86-22 SHEET No. 7 of 8

ROCK	TYPE	5 8	ALTE	RATION			1 10	PHIC					FRACTURE	9 4	BOTTOM DEPTHS	7	C.11.4			AS	SAY RE	OLTS	
		T				to Core	: :		Velns te Cere Acte	4.5	\$ 1		ANGLE TO CORE AXIS	PYRITE	LIM. ZONE	┥	Core	ROD	Somple	%	%		Estimated
						L to Core Follotton	A	Structure	, 7 , 7	Width	Harr		-FREQUENCY-	£ 57 !!	SU PERGENE REMARKS	Fair.	7.		Number	Cu	Мо		Crode
						60-		Awarenta w	60-76	9'	9t3-ch1-carb-(P4)(cp) 3000	- 1	0 0 0 0 0	1.5		405	90	47	10810	40			.25
						Str	41	o M	35	1.4	qtz.ser-chl-py(cp)(wa))	14 5 6 7 8 9	0				^-		150.0	.+0	,010		
						60			60 , 33 + 45 60 60 x 5 30 33 - 60	14 + 10+12 hie-120xx	chl-cp-py + ats-ser-py-cpxz chl-carb-py-cp chl-carb-cp ? vuggy core with lamina and	24 34	ol	1.5		415	85	40	10811	.48	010		. 35
						Mod	12.	H		Y	closs of ext-cp, qtg-carb-cp ext-carb-cp-py x 4 ext-cp-py x 2 exp-ext-cp-x x exp-ext-py-cp x z ext-cp-x x z ext-cp-x x z ext-cp-x x z	64 74 94			die viege care with		90				,		
					- 1	45- 60 40d		132	6	V1. V4	entry x2 chlepcpyz atser-py + qts.chl-py qts.mag x2 qts.chl-mag-cp chl-ep qts.chl-mag-tp	20 30 40 50 60 70 60		1.0	discom. cp.	427	90	13	10812	,34	,012	.37 2555	,25
				······································	-	$- \parallel$	430	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ув 2° 2° Ую хэ	chi-cp pt3-chi-mag-cp chi-p < 2	90	; <u>1</u>		/		45						
						:5- :55 16d		1 3 4 4	, j	% 8,4 1,04,2	4 1 2 4 4 1 (- 1) (- 1)	10		3.0		433	90	20	10813	.21	,018		.15
		** * * * *			-	$- \parallel$	4+0	5:	5		9t3scul-carb-py 3one Chl-carb-py 3one	90 90 90					95						
					S M			F7 501	15.40	4×3	ser-carb-py 3one chl-carb-py 3one gt3x3 chl-py(ro)x~	80 90 10 20 30 40 50 60 70 80		2.5		445		30	16814	.14	. 006		. 14
					+	-	1 50	4:55	2		at 2 py cyl. py(cp)*2 4t 2 dig. corb 4 3	70 80 90 90 10		_		_	95	_					-
					50			,		1	qt3-carb-chl - py ((cp)) 3 one	20 30 40 50 60 70		2.0	Γ	455	95	17	0815	.19	.004		.15
						Ш.	160	.07	1.	1	1- ca+1-cc+2 (70 80 90											

GRID. HOLE No. 86-22 GIBRALTAR MINES LTD. SHEET No. 8 ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE IMATE D PYRITE LOG ASSAY RESULTS LEACH CAP ANGLE TO Core ROD % Sample CORE AXIS LIM ZONE Estimated Recevery -FREQUENCY-15 % S4 PERGENE Cu Mo Grade 7. REMARKS 9/3(cp) 9/3-ch/-epx2 12 45 + 60 90 broken 60 vuggy 465 1.0 ,20 to 10816 33 014 Mod 90+45+60 ats-cal-carb (c) x3 dissem 10×3 1/4 1/2×2 chl-py ehl-carb-pyxz .23 90 2510 enticath-pyso #15-mag-cp +3 #15-mag-cp +3 #15-mag-cp #15-mag-cp ch-carb(ep) #15-mag #15-mag #15-mag #15-mag #15-mag #15-mag #15-cp) 1/2+1/4 1/0 2"+1/2×2 472 dk core 95 .25 0.5 dissem 10 42 Mod 10817 018 477 9tz-mag-cp 90 70 9t3-carb-chl-ser-(py)(co) 9, .20 2.0 23 33 str 010 10818 487 in small concordant 85 veins and dissent . 60 -70 5tr, along folm planer 60-70 10 9tz. carb-chl-ser. (py) (cp) (cp) (mag) 10 .18 1.0 - carb. is pale brown 496 10819 .33 010 weathering 98 70 574 Cnl. caro (mag) (cp) 3 on e also a few specks of 10820 25 ,22 010 33 BAB 2465

GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. _____ of ____

LOCATION SAWMILL ZONE LATITUDE ~ 33.487.00 N CORE SIZE N. Q. W. LOGGEO ST G.D.B DEMATURE ~ 47.8/2.00E oute course 18: Aug. 86 506' SCALE OF LOG \"=10" aire Oct. 30, 1986 LENGTH -90° DATE CONTEND 18 - Aug - 86 REMARKS * this hole intersects the West Boundary Fault. ELEVATION ~ 2.898.00 BOTTOM ROCK TYPES & ALTERATION FRACTURE ESTIMATED % PYRITE ASSAY RESULTS LOG LEACH CAP ANGLE TO % WIGTS . Core ROD % Somple LIM. ZONE CORE AXIS Estimated Access. S4 PERGENE -FREQUENCY-Number Crede Cu Mo ٧. REMARKS Casing To 85 no limonite zone 90 DARK GREEH 87 96001 99-62 META ANDESITE

(90-1121)

dense dk green andeste
grading to a ep-chl-bi 5 05 <0.5 70 90 ave to an increase 90 of ep clots and stringers ,001 40.5 96001 10 . 05 4,01 97 q ta-chl (vuq) - med. grn diorite occurs Ect veen 97-60 102 , 08 001 96002 2.0 carb-py 85 Key cx Cario-Pt Y8 corb-py 11/2 chl-ep-carb-py-(ep) 30ne (searn?) MAJOR FAULT 5.0 .28 4.001 . 25 96003 (gg)-bx - lost core 45 ZOHE (112-167) 4.01.1 .11 2780 of broken govery 40 123 minor 22 3 nes a much at tak bx (0g) ~ 41/2' core 10 3.0 40 96004 .01 ٥ .001 l'our es es mell 1557 .17.7. Kielex mineralized mitopy

and the second of the second o

GIBRALTAR MINES LTD.

HOLE No. <u>86-23</u> SHEET No. <u>2</u> of <u>8</u>

ROCK	TYPE	S & ALTERATION	· `	LOG		1	<u> </u>	FRACTURE	9 4	BOTTOM DEPTHS	-{	E	ĺ	1	AS:	SAY RES	ULTS	
			ءَ ا		2 0 m		j .	ANGLE TO	IMATED PYRITE	LIM. ZONE	┨		ROD	Somple	%	%		Estimated
	·		Z to Core	Alleretton Federation Federation	Yelks 2. 10 Css 4118	Widin		-FREQUENCY-	3 6	SUPERGENE		Recovery	·	Number	Cu	Mo		Crede
			17.	टेर टे. ह	٠,		Ē		22 %	REMARKS		7.			1		<u> </u>	
		main distocation						0 10 20 30			131						l	
		prob occurs @ ~163 - 167' as here the						20 30				60					1	
'	•	frag's change from	7		;	10'	broken gg.y rx.	40 50	3.0	'	135		0	96005	.oż	1.001		. 08;
		meta-andesite to						60 70			138	20			1		1	1
] .[gypsum-bearing quart		1140 1				80 90									<u> </u>	
		diorite. This is also a zone of greatest		11 11				0				· [
1 1		gouge development.		H				20 30		'		25]			,
1 1			?			10	3g-bx - 7'core	40 50	4.0			[0	96006	.16	1.001		,12 ?
1 1				日	İ		105+	40 50 60 70			147	40			ĺ	-		
				150	1	1		90		·	149							
								0	-		151							
	- 1		1		.		i	20			153	50	.					
	[3			(0)	(99)-bx ~ 6' core	50 0 0 0 0 0 0 0 0	5.0	ļ	155	2.5	0	96007	./2	K.001		. 08?
	į	-				1	1557	50	1		157	50		,,,,,,		7,5-,	l	
	1		.	140		1		0				30					1	
				1 1				2			161		<u> </u>					
1	- 1		- 11	1 8	1	7'	gg -(bx)	0				70	1		1		. 09	
1 1			·		Sox 2.		29.44	0	3.0?	ļ.	165		0	96008	.17	.006	2735	3
<u> </u> -				<u> </u> -			T				167	20		i	1	- 1		
		FINE GRH.		170 50	, ,		4 + 3 - 84 - 66 × 2 2	0		-	169	90			İ	1	1	
		QUARTZ DIORITE		(20		4	94P 9		$\neg \uparrow$									
]	a soft fine gra (2 No") hts-diorite cut by		70 70 120		4	1 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					90			1			
	1,		70	1 100	1/4	•	3		0.5			-	17	96009	21	,008	1	.10
		its vens - appears	``	- 2° - 7°	<i>y</i> ,	3 A	13			<u> -</u> -	177			[- 1	
		sheared and clay altid due prob.		180 - 70	¾.		70 PC PC PC PC PC PC PC PC PC PC PC PC PC			į				1		l		·
	_	to the fault.		50			60 (01) 33 34 44 44 45 46 47 46 47 46 46 46 46 46 46					. [T				ļ
	- 1	~ 25 0/0 9/3		70	*2 2	,	ΥP 20					30		1			-	- 1
		n so olo saus plag		1,0	i	"	ts-21/12 50		0,5			- 1	20 (96010	.18 .	005		,08
		5-15-16-68.		180	1/4 1/4	1 .	10 60 70 70 70 70 70 70 70 70 70 70 70 70 70		1	_1	87 P					-	1	1
		(167-201)	Щ	190 - 90	/^ /\		90											

GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. 3 of 8

ROC	K TYPE	S & ALTERATION		GRAPHI LOG			<u> </u>	FRACTURE	9 41	BOTTOM DEPTHS	-	Commerce			AS:	SAY RES	ULTS	
-	T .		20 10 10 10 10 10 10 10 10 10 10 10 10 10	:		2.5		ANGLE TO	ANT	LEACH CAP	Η	Cere	ROD	Sample	%	%		Estimoted
	ľ		f to Cor	Alleration Feetings	Voles 2 10 Core	Width of Vola		-FREQUENCY-	ESTIMATED % PYRITE	S4 PERGENE		Recovery	·	Number	Cu	Mo		Crede
				27 2.	7	-	ata 2		-	REMARKS				ļ <u> </u>	<u> </u>	 	 	
					40 45	ys /4 y8	qtz qt3-chl-py	10	1		1							
			50		40	y 8	gyp gtz-chi-py	30	0.5			90	17		_			.05
		•	Wĸ		50+40	1/10	91342	50		·	197	·	••	96011	.15	.004		
1			1 1	11 B				20 30 40 50 60 70 80			İ	86]	
	 	201		200							201	00						
		MAJOR FAULT						20				55						
		ZONE ?		4	1171001477.00.0000	10'	(93) bx	30 40	2.0 ?		206	55	0	96012	. 17	,007		?
		ZONE ? (201' - 241')		1	11		(3),0,	60 70	2.0		208	50					.18	
	_	this could be a		210				0 10 20 30 40 50 60 70 70 70 70 70 70 70 7			210	65		.,			2690	
		this could be a series of small		1							212	75					1	.
		faults but there			4			20 00			1 1	45						.
		a cross it.	?	ll E		10'	(99) bx	ю	?		216		3	96013	.09	.006		?.
-	-	no strong gg sones - mainly broken		6				0 0 0 0 0 0 0 0 0 0			218	60						l
<u></u>	L	Bonen Lock and		220			9	0		·····		70						
İ	1 1	lost core				1		2			222						1	l
		- main gg 30ne occurs @ 235-241'	60?			10	/ \ \	0	3.0?			85	o	96014				,
		30000	°.		- 1	10	(93)-bx	0	3.0		227		1	16017	•//	.009		.
			- []	222		ŀ	<u>7</u> 8	9					- 1		1	1	1	-
				230 -			9				232	55						
						.]	9.9 - 6 v							1	-			
			?		•	11	98 - px		?			50	0	96015	.15	.006		?
					1		64 70				235							1
		241		240 5			86 92				341	60					<u> </u>	
		LEUCO CRATIC ZONE		3	s	110 9	† - W(σ - (Cφ) 20 20 30 30 4 5 50 60 70 80		· · ·- · · · · · · · · · · · · · ·		341			1			- 1	
		(241-258')		1/2		" 9	30					90	_			1	1	
	Po	u'e grey spar pheno's up	15	12	ł.,	0 9	1, cp.mo 50	·	<0.5		747		7	96016	.16 .	020	1	.10
	1	o K" dia (anticaral) and coasional statement		252			70 80				- 1	95		.			1.	- 1
		ccasiones or a create		~ · / /					- 1	l l	- 1	I	L					

GIBRALTAR MINES LTD.

HOLE No. _ 86 - 23 SHEET No. _ 4 _ of _ 8

ROCK	TYPE	S & ALTERATION		GRAPH				T ,	FRACTURE	۵ "	BOTTOM DEPTHS	7	C-11-4			AS:	SAY RES	ULTS	
			3 :	LOG	d 25-				ANGLE TO	IMATE D PYRITE	LEACH CAP	┥	Core	ROD	Sample	%	%		Estimated
		,	L to Corr	Atternion Atternion Feetoge	\$1045.544 Velns .2 10 Cor Aulu	width .	Hhere	-/	FREQUENCY-	14 % 14 %	SUPERGENE REMARKS	F 60163	Rocavery %		Number	Cu	Мо		Crafe
		up to X" dia in a darker groy seriate guartza. Feldspainic matrix - also 2 50/0 Chl. as scattered, ragged tiny (2/20") grn.s	ND		30 +20	hie va	Mo-cp >2 qt3	0 10 20 30 40 50 60 70 80		<0.5		252	85	0	96017	.18	,0/2	.12 2645	08
		FAULT ZONE (258'- 265')	•	260	?	7′	(99)-bx.	90 10 20 30 40 50		< 0.5		262 262 265	40 60	13	21.18				.10
	-	MED. GRH QUARTZ DIORITE	NO	270	15×3+40×2 40×2 45×2 45	/8×5 /4×2 /4×2 //2•	973×5 973×2 973×2 973×cp-Mo	60 70 80 90					95	, ,	96018	.20	.010		
		grn size ~ Vio" or larger	15 str		60-70×5 50×2+60×2 35 45×5	/4 + yis yio ~ 4 ys-fioxs Ax2+ Yioxz yo yb-yioxs	officers office	20		<0.5		275		43	96019	.13	006		. 14
		- 500/s plag - grey or only weakly sous 20-25% 9t3 - 50% cp. : this core is soft and has an earthy adour who wet - argulic altin? : it is also dark (weeksoo)	40 Str.		40 10 50 3 40 4 55 2 40 60 × 10 45 60 × 4 70 72 2 74 74 75 76 4 45	/6	413-chi-carb-cp (110) 413-23 413-3 413-3 413-3 413-3 413-6 4	10 20		<0.5	this is a gtz-gyp. Zone with gtz. Stockworks - only a Snoll portion of the	285	95	33	96020	,40	1016		. 35
·		and \$1: 40554	to nod- itr.	A STATE OF THE PARTY OF THE PAR	6+45+3 / / / / / / / / / / / / / / / / / / /	6-1:0 4 10 x 3 4 x 2 8-7:0 x 4	97327 91927 47327 41324 41324 97329 97323	20 30 40		< 0.5	-913 -may form 60%	295	98	33	96021	.31	.087	. 25	.25
			O 1K	300	50 × 7 × 50	10 = 1- 5-y = 16 8-y = 16 8-y = 16 8-y = 16 8-y = 16 9- 11 9- 11	the component of the co	60 70 80 90 90 10 20 30 40 50 60 70		: 0.5		506	95	30	96022	. 25	.012	2600	12.

GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. 5 of 8

ROC	X TYPE	S & ALTERATION	1 1	GRAPHIC LOG	7			FRACTURE	٥ ,,,	BOTTOM DEPTHS		_			AS	SAY RE	SULTS	
	F .		L to Core Follotten		j 25 =		, .	ANGLE TO	IMATE D PYRITE	LEACH CAP		Care	ROD	Somple	1%	1 %	Ι	
	ľ		= [Alleration Footoge	4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	width Vela	:	CORE AXIS	الخ مُ	LIM. ZONE	5 -	Recovery	1	1	—		1	Estimeted
1		·	7-	Ē 2. 3	7.	*	V .	-FREQUENCY-	2 %	SU PERGENE REMARKS	footege Diocet.	%		Number	Cu	Mo		Croic
	 	·	•		50+3	1/4+3 1/2+1/10	913×3	0	 	Agmina3				 			 	
					60-70 × 10	1/8×10	9t3-chl-cp-mag x= 9t3x10	20						İ			l] }
.			10	11	\$5	10 14-110x 12	913.enl-ep 913.enl 913.eng	20 30 40 50	1			95		1	1 .		Ì	1 . 1
	ļ		WK	11 6	4843	1/4-YIOX3		50	<0.5		316		27	96623	.20	.014	l .	-,14
			1	11 12	5+054 35 +20 30	1014 12+14 12 18x2	ayp. hem & 4 ats.cht-cp & 2 ats.co)	60 70	1		- 1	- 1				1 .	ł	
	<u> </u>			1320	80+60	78×2 1	91+12	80 90				- [<u> </u>			
			.	11 F1	45 30	14" Y(0	leucacratic zone * atz-chl-cp	0	-	* same as 241'-258'		90					ł	j
			l l		10+ 40-6013	48 + 10x3	levcocratic zone	30	- I						1			
			ND.		10 + 40 -60 x3 4s 4s+30+3s 50 x3 45 +60 5	1/2 ×2 1/10×2	Stars 30ng	40	40.5		.		37	96024	1			,15
			.		15 +60 5	Y2 + /4	9ts-mag-cp x2 9ts-chl-cpx	60	1 1		327			,	1.12	.009		
			- 11	11 12		Y10×2	913-CH-CPX 919x2 913-CGD)	20 30 40 50 60 70 90	1 1			1			1	1		
-					8.+50	4 4 2	gyp-hem x =	90				ŀ			 	 		
			- 11	1 14	3 '	74-7313	gtyx3	0				98	1					
			ив.	1 /4	35+40+3	14 × 16 × 2	9t3-mag x 2 9t3-cp+ 9t3-mag x 3	90		9tz-94b zone	- 1							.18
			"		0+50+45	Y8	913-ch1-cp	0	∠0.5		_		43	96025	.21	.,012	1	
	- 1	,	- 11	1 1	70	/8×2	97323 94923	0	1	but core is al.	137		1				-	
				340 72	30 10+50+45 70 8 15:4 043	3-Yex 4	of tout op (Mo)	0	- 1	harder - no argillie		- 1	i				1	
	1		- 11	1 1/3	•×=. //	110+/8	ata chi-rowa	2		is greater but The core is still dark								
1 1	- 1		-H	3	LOX 3		ata-chl-cp	0		1- 9/12. is st. less	- 1	95		- 1			.20	1
	- 1		ND	1 13	•- Lox 5 /		173-mag		<0.5	abundant		- 1	30	96026		1004	2555	.14
1 1	1	1	- 111	17			atec 16	0		1-9tz: is still in 3.	47		1	10026	125	1007		
	1		- 111				13-man	0		stkwork form	1		- 1		- 1		1	
							\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			- cp (bo) occurs	\dashv	-					}	
	1		- []]	130			ta thi mar en	>		+ inles throughout	- '	85		1	1	1	1	
		1,	١١ ۵	10	1 /	1012 0			- 1	the core causing in effect a					_		1	
	- 1	. ["	"	45	- COS 4 + 7012	Yor 9	3-ch1-cpx2 5c		≺0.£	dissem-background			50	16027	113	.010		.16
	- 1		- 111	1	72 /6	+/* 3	13-19-cp = 9+3-may (q) 15-17-		1	/ 35	57		- 1	1	1	- 1	1	
 				340 7 25	-6014 + 7012	-16×6	1982 1 12-ch1-cpx2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					L			l			
	1			35			13.12 13.12(ba) 10					Γ			T			
			. 111	1300	y ₃	+/4 cz q	13×2	 	1	1	٩	5	1	[- 1	•
		اري أ	ic.	100	4 1/a	. 4	19×4 660		(0.5				50 9	6028	- 1		1	1,5
	- 1	+2	. 111		13+40 14-	710 × 9 4-	1927			367	7		Ι,		18	.008		
			3	70 2 4	14		13×4 13-5er-carb-ch1 3one						1		j		1.	
							70.0 2.11 70.0C	<u></u>										

GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. 6 of 8

ROCI	K TYPES	8 ALTERATION		GRAPH	q ·		:	FRACTURE	٠, ١	BOTTOM DEPTHS	-	E			ASS	SAY RES	ULTS	
-				LOG]		50.00	ANGLE TO	IMATE D PYRITE	LEACH CAP	-	Core	ROD	Somple	1%	1%		Estimoted
			: :		7 vala 7 vala 7 vala 7 vala	Widih Vela	i i	CORE AXIS	٤ à	LIM. ZONE	- 5:	Recevery.	•	Number				Crade
:	.		7:	Velletien Allevation Federe	7	*	4 1	-FREQUENCY-	2 %	SUPERGENE REMARKS		7.			Cu	Mo		
	 		·	7.7	120	1.	qt3((cp))	0			1				1			
	1 1	QUARTZ PORPHYRY			120	hie	4	10 20	1			90		ļ	Ì	1	1	
	l. I	(370'-405')	4.4		?	3'		30 40 50	< 0.5			,.	23	96029	.14	.008		.02
	1 1	30% angular qts. Phenos		H = I	9			60	1		377		_ •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	''			
		grey to pale greenish	- 1	11 1			1 ()	70]		1 1	90						
<u> </u>		grey to pale greenish applantic to seriate		11277	140	1/10	413(MO)	90			381			ļ				
	} [9tz-feldspar matrix. -typical Q.P. for this	.	11 5	90	3.0	ats t	0 0 0 0 0 0 0 0 0			1301		•					
	1 .	area		11 L	70	1/10	qt3.cp	30				98				_		.10
	-	upper contact is	No		15 5	y ₂	173-cp(No	ю 50	≺ 0.5		387	.	50	96030	.13	.000		10
		finer gru with some spar pheno's suggesting some contact childria	.		80	10	9t3-166 [6 3t3-18t0 [7	ρ ₁			201						.16	
Ì		some contact chitchia	1	390	80	2'	9ty-ser-carb (mo) (cp) zone	0	4.			. [1 44	2510	
		be faulted.					4	0		# O http://www.		98						
			l					0	1	* fine gra blush gray mineral - either mag.		10	I				- 1	
			85		85	10	9 t3 - carb - ser - (cp) (mag?) 4	0	< 0.5	or the causing a bluish		- 1	47	96031	. 15	.010	1	,14
			Str	l j				0		coloration to offse ser.	397			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			- 1]
							6 72 20	0				1	- 1		1	1	1	-
				400 3				0			 -	, F						
			- 11)	1	i		95	[1]		- 1	- 1
	1	poss. fault contact.	80- 85]:	2 1/2'	39-px 30-px	7			405	1		1			- 1	. 1
			6¢	十一日	90 X 2	% × 2	1t3 + 91P 30	Śi –	₹0.5		153		10	96032	.38	.018	1	. 20
1		MINE PHASE	```		90	16*	atz.chl-carb-ce \		-			İ	- 1	1		I	- 1	i
		QUARTE DIORITE		(410 I I			1/3-chl-cp 90					L						
		(405'-431)	П		80x 2	/2 + /2 /8 × 2	3/622 10 6,3 cm/- cb23					- 1	1			l l	-	1
1		Same as 265-370	. 11			٠ ،	1, 20	1	-	:				İ				1
i	l	- · · · · · · · · · · · · · · · · · · ·	80 10d		10 Y	L" 0	13-bx fine cp+bo do dissem along 50		20.5	ļ	415		20	96033	.22	008		. 22
]			- 11	1 11:		8	MP chilaretic 60		-			1				1		l
				4, 7	· 7		13-ch cp (00) Sicars and 170 (13-ch cp qt s-cil veinte 90				- 1	1		1	- 1	- 1	L	
			-11		10+70+90YZ Y	8-110-4	316x4 /- 2+2000 214 0					95						1
- 1					0+10 Y	4 8,2 0-78×5 1+7~	91/0x4 - 5+rong 91/0 0 1/3. cp (Wd) - 4/3 struk 30 1/3. cnh. cp n > - 4/3 struk 30 1/3. chl. carb (cp) not as			1	ļ				-	- 1		
l	1	8	。[[]	7	0.8044	- Ye x = 9	traininipas traininipas traininipas traininipas traininipas traininipas traininipas traininipas traininipas traininipas traininininininininininininininininininin		:0.5		42.		53	16034	,26	.020		,30
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	ı		111	450 M	1,,,	1,			- 1	•	1	ŧ	ı	1	- 1.	1_		

GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. 7 of 8

ACK TYPES & ALTERATION 10 10 10 10 10 10 10 1	ROC	K TYPE	S & ALTERATION		GRAPH LOG		1		•	FRACTURE	9 ,	BOTTOM DEPTHS	\dashv	C-1			AS	SAY RE	SULTS	
Calcard Calc		Τ.		3 4		J - =		1			RIT	<u> </u>				Sample	1%	1%		T
			ļ. ·				2 3		.	1	1 à		⊢ ::	A.c,		1		1	1	
				7	Ē₹ . Š.	# ^{7.}	,	1	É	-FREQUENCY-	2 %		- (E E	7.		1	Cu	Mo	1	-
Canal Asia Asia Canal Asia								913 × 3		0	1		-	 	 	 	 	 	1	
CAN 1 AS 10	İ		QUARTZ-FELDSPAR							20	d		1	98	l		1		. 7.2	
The policy of th	·				11 1	140	1/2			40	10.5	1			٠	96535	1.20		j	.25
10 10 10 10 10 10 10 10	l		(431-451)	ND	11. 1	20		1 1		60	-		136		50	1,0000	20	1.014	2765	
Price 196-76-360 10 10 10 10 10 10 10			300/o pale grey spar phenos]	l en de				70] '								ľ]
Co 30 and sharp No. 12 15 15 15 15 15 15 15	<u></u>	<u> </u>	20 s/e grey arquer ata		T = T	-		1			1	ļ					 	 		
Co 30 and sharp No. 12 15 15 15 15 15 15 15	1		a pale green seriate	.	11 8				•	10	1			45			1			
## 1950 15	1		matrix : Upper contact			.				30	1				- -2					2-
## 1950 15	1]	but not chilled.	ND?				chl-cpx2		50	10.5		446		- 53	96036	.36	.018		.30
151 PUNDE PUNDE MINIE PUNDE (151 Soil) (152 Very office) (152 Very office) (153 Soil) (154 Very office) (154 Very office) (155 Very office	1					40	Y2.	atzichlere		70	· ·		1 1	- 1			1			
150					450	30	/3	CHI (12)		90	1	٠		[٠.		ļ	·	
1			451			50	/3	qt3					-1	98						
1			MINE PHASE			45	1/2	atz-co		20					l					
1				45	1 1		·		}	40	⊀ 0.5		450	- 1	47	96637	26	000		.12
1						43-55× 6	1.0 < 6	gypx 6	1	60			170					008		
1			, ,	- 11			Y4+YEX2		/	70 20							, , ;		1	
500 15 10 15 10 15 10 15 10 15 10 15 10 15 15			Same as 265-370				7y 710		+	90				a -						
1 1 1 1 1 1 1 1 1 1		1		- []			3.81	q+3-cp	1	20		·		19					- 1	- 1
## ## ## ## ## ## ## ## ## ## ## ## ##				50-			- 1	39-bx	fine disson	30:				- 1	1		/	0.70	1	25
Small strens 5 mall strens 6		1				70.49.	× -	Chi-py	Co. alone	50	ع.ه>		466		10	96038	1/6	.020	- 1	.23
Small streng (1) Small streng (2) Streng (3) Streng (4) Streng (4) Streng (5) Streng (5) Streng (6) Streng			1	- 11	1 1/1		/4×2	atzehl-coxz	1	70				.	- 1		- 1	1	- 1	1
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30							/ -			90				Ĺ						
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30		1	6	-	1	1	_,	,	\	10				90	-7		- 1	-	1	1
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30		ł	fault 1	.			7.	30.60.		30	- 1			1	- 1	[1	1	
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30					Ô					50	<0.5			1	37	96039	.23	.056	- 1	.18
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30	1	- 1		- 111		2 X X	0,3	afa(chi) · cp « :	·)	70			4.76		1		- 1		.38	l
65 5+c. 65 11' 9t3-ch1-carb(g-1p)(ep)(pr) 50 0.5 486 50 960-40 411 1.350 1.30					V1 1		-1074	1 3-mo 113-chl-carb-cpx	/	90	- 1		1		- 1		- 1	l.	24/20	
65 11' 9t3-ch1-carb(g-p)(ep)(ep)(ep)(ep)(ep)(ep)(ep)(ep)(ep)(e		7								0										
str. 35 11 973-chi - caro (649)(-9)(11) 50 0.5 486 50 460.40 .40 .50	ļ			-	H	1			Į.	0	-			15	1	ı		1	į	- 1
60	- 1				- 11	6 5 1	, ,	qt3-ch1-ca	rb (gyp)(ep)(m)	0	0.5	İ	40,	1	50	16040	40	350		.30
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GIBRALTAR MINES LTD.

HOLE No. 86-23 SHEET No. 8 of 8

ROCK	TYPES	& ALTERATION		GRAPH	iid		:		FRACTURE	۵ "	BOTTOM DEPTHS	\exists	£			ASS	AY RES	ULTS	
<u> </u>			L to Core Follotton	GRAPH LOG	Velve Velve L 10 Core	Widin of	13,4110		ANGLE TO	ESTIMATED % PYRITE	LEACH CAP	-	Core	ROD	Sample	%	%		Estimated
					19 7 2 7 19 7 2 7	× (4:			-FREQUENCY-	3 2	SUPERGENE		7.		Number	Cu	Мо	i i	Crose
				22 Z.	न · H ⁷⁶ रः	l	946 23		oi.	• •	REMARKS	125		<u> </u>	ļ	 		ļ	
				11	П"	78 = 2 410	gyp xz gyz-chl-cp).	10				98						
.	.		40	11	13.	110	ats-cul-dib-cb		30 40	0-5				77	96040	.66	.020		.40
	l		Stra	-	43	10	qt3-chl-cp qt3-cp	fine cp(py)	50 60			496	1/1		4430			a Myses	
			1 1	500	4513	1/0×3	846×2	fine cp(py) diseam. along chlordi Coln planes	90 90			1							
					50+80	1/8	31P 913x2	\	0				95						
[]	- 1			11 1	150	1/18 1/8/2	qtz-chl-cp qtz-chl-cp qtz-chl-cp x z qtz-chl-cp x z	\ .	20 30	0.5					96042	.3/	1012	.46	30
		EOH 506	ļļ		60YZ 6022 50 XZ	1/6-1/4 1/0-1/4	9/3.chl-cp x 2		50			206	· · · · · · · · · · · · · · · · · · ·						
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GIBRALTAR MINES LTD.

HOLE No. 86-24
SHEET No. ____ of _9

WITHOU ~ 33 92/.00 N LOCATION SAWMILL ZONE LOCCCO M G.D.B. 597 OUTE COLLINSO 19: Aug - 86 DEMATURE ~ 48. 249:00 E SCALE OF LOG 1"=10" DATE AUGUST 20, 1986 DATE COMETE 20-Aug- 86 · - 90° ELEVATION ~ 2962.00 BOTTOM DEPTHS ROCK TYPES & ALTERATION FRACTURE ASSAY RESULTS LOG ESTIMATED ", PYRITE LEACH CAP ANGLE TO % % Wieth Vela Cere ROP LIM. ZONE 102 Sample CORE AXIS Estimeted Recovery SUPERGENE 1/2' -FREQUENCY-Number Ċu Mo Crade REMARKS Casing To 30" MEDIUM GRN QUARTE DIOPITE broken rusty core ∠. ≤ ,10 ~35./o dk green chl 25.0/o qt3 11177 14 500 minor mal. and . 14 = 35-40 0/0 med. grey 2870 plag. 91 - rx is strongly sheared with original 35 tex. largely indistinct stragely and strage year. 40+20+25 qt3-chl-py-lim 11178 15 .31 006 1.0 ,ox q = 2 - chl - py - 1 in 1/1043 mal-lim - coprite + = py along falm plans, only the larger lim - sev 1/22-1/100 10 ch1- Py = 10 voins and socurs 9t3-841-py (ce) are noted in log. 98 2.0 .12 chi-pyx= 11179 510 - the py often entains Chinaular mises cni- py x 2 90 9/3-0/1- 1/(00) qt3-chl-py(ep) 9 +3 (00) 45 3,5 .10 11180 .014 9+3-6-11-44 ats.pr

GIBRALTAR MINES LTD.

HOLE No. 86-21 SHEET No. 2 of 3

			1	GRAPH	ICI	T		FRACTURE	_	BOTTOM DEPTHS	ļ			ł	A55	AY RES	0613	
ROCK	TYPES	8 ALTERATION	1 1	100	4	-		ANGLE TO	IMATE D PYRITE	LEACH CAP	ļ	Care	RQD	Sample	%	%		Estimated
			Lettetten	<u> </u>	Vilas Vilas L 10 Coro Anto	width of	i i	CORE AXIS	£ 2	LIM. ZONE	F 001 2 3 4	Recovery		Number	Cu	Mo		Crose
	•		5		77	* >	J. In .	-FREQUENCY-	*	SU PERGENE REMARKS	5 E	7.						ļ
			 	ξ∢ ξ. Π	7	ļ	-	0			122	80						
			1 1		25	/ ₄	9ts (chi)-P1 (CG))	10 20 30			,							
			1 1	11	3.0	13." 14.•	973-041-84	30 40 50	3,0			95	33	18111	14.	OIS		.12 ,
·			35	Ш	Y	ľ	113 ()	60			127		•		İ			
			str.	Ш	114 *3	1/2023	9t3-ch1-P+ x3 qt2-(ep)(ex)((MO))	60 70 80 90				98			i		· ·	
				130	45	122	9t3-carb-ser-py	90			132						.23	
			ŀ		25) ²)	0 10 20		·	,52						2825	} !
					4	١.	3 one of	30 40 50	3.0			30	0	11182	3 %	009	2843	· 10
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							1 1621 5811	70			140	10						
				140			,	90			140							i
					50 40	12"	banded chl-carb-qtz-py (cp) zone qtz-carb-chl. zone	0 10 20				85						í
			20.			/ 4	carb-py ((4))	30 ! 40	3.5				7	11183	.13	007		10
			30 Str.		<u>.</u>	ı"	qtz-carb-chi-py	50	3,3		146	98		,,,,,,,				,
	i				160		973-64-64	50 60 70 60 60 60 60 60 6			148		i			•		
	.	Fault Zone		150	1	2 '2 '	solid gg	90			151	98						
		148-151			50		at went	10				-						1
		total some of			41 h		9t3-ch1-pv ((14.)	30	4.0			90	17	11184	08	900		. 10
		broken rx and	35 Str		. 1	- 1	99+px	20 30 40 50 60			156		`',	11104		,		
	Ì	gougy shears extends from 141'			7	<i>y</i> ₂	9+3-6016-44	70				98						
		to 158'		160	1			90			160							-
				1 r	1 1	y, .	A > as (ca) -a discorded to	0 10 20				80	Ì					
	1				3 o 2 o 2 o 2 o	2"	9/3-carb - py (cp) - a discordent	6	4.0		165		10	11185	09	005		,14
	ļ		30 311		Ĩ .	2'	DEP dyke will dissim PY.	0,0	("			80	1	,	į			
	İ		- 11		50	1/2"	9t3-carb-py [7	70			168	75	-					·
				170	1	70+715	qb-chi-py xz	0 0 0			-110-							
					75 4 2	14.2	9t3. cul-carb = 2	0	1			95	-	-				
					12		915- CW-P1 4	0	,		175		13	11186	08	007		.12
	İ		40 SH		5	•	1,2-11	0	4.0		178	98	1		1	I	.10	ļ
		1	"	ΙĖ			7 <u>7</u>	0		-	10-						2780	<u>· </u>
				1801	130	<u>/</u>	cr1-carp-b4 3	01	ــــــــــــــــــــــــــــــــــــــ									

GIBRALTAR MINES LTD.

HOLE No. 86-24 SHEET No. 3 of 3

BOTTOM DEPTHS ASSAY RESULTS FRACTURE ROCK TYPES & ALTERATION IMATED PYRITE LOG LEACH CAP L 10 Core Follotten ANGLE TO ROD Core V = 15 V = 15 V = 18 . Aldin . Colineted LIM. ZONE CORE AXIS Croic Number S4 PERGENE Cu -FREQUENCY-5 % % REMARKS qt3-caro-py(cp) qt3-ch1-py qt3-ch1-carb(vus) qt3-ch1-py 98 80 184 Y4 x 2 .10 85 11187 06 008 3.5 186 30 973-84 Str. 2/2 9tz-carb-py 9tz-ch1-pyx3 80 2" 40+18×2 189 9/3 (4) 85 1/2 + 1/3 ots-carb-ch-py xz -12 carb- P7 3.0 196 11188 08. 007 offs-carb-py Stv. otz. carb (pd 80 200 gg-bx 9 20 30 40 50 60 70 broken core 60 . 10 O 10401 .11 2.0 1006 1/2 9t3-chl-py Mod 9+3 210 9+2-Chi- py (co) qt3-carb-chipy 80 chl. carb-p1 ,12 .11 004 215 2.5 0 96402 80 mod chi. carb - py ((ca)) 95 219 0 10 aty-carb-chi-ser-py 30-80 75 .09 36~ 224 2735 35 .10 2.0 40 96403 07 fairly weak metasom 1006 Sec. 45 Chicarb . py sone effects in a 20010 012-10-6-61 98 introduction - want be one to shooting ballier light metasons 234 ,10 10 33 008 96404 45. 48-90 chi-care-py some 35 .12 37 95

GIBRALTAR MINES LTD.

HOLE No. 86-24 SHEET No. 4 of

1	. ***	S'S ALTERATION		GRAPHI	d		1		1	BOTTOM DEPTHS	T	I	T	01 -				
ROCI	KITPE	S & ALIENATION		1 106	1	-	<u> </u>	FRACTURE ANGLE TO	PYRITE	LEACH CAP	7	E	1			SAY RE	OLTS	
		Í	Z to Core	Feliation Allevation Feetage	Yalin Yalin Arth	2.5	3	CORE AXIS	PYRITE C	LIM. ZONE	┥	Core	ROD	Sample	%	%	1	Calimeted
			- =	Alleyalla.	Yeln Yeln 7 1 2.	Width		1 .	1 2	SUPERGENE	⊢ ::	Recovery	ļ	Number		Mo		Crede
·	٠ .		14-	₹ £.	7.		i i	-FREQUENCY-	2 %	REMARKS	Piets:	7.			Cu	me .	1	
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			45		35-45	10	qt3.carb-ser(chi)-py	50	2.0	· .	1		23	96405	1.13	.006		80,
			Mod				300€	70			247			1.	1		l	
		prob. an alt'd		250				60 70 80 90	1						1	1		
		9+3- porp - gen		111-33	1		 	0			+	95		 	1		 	
ł		composition is				- 1		20			1 1				1	1	Ī	
		-5 % chi.	45.			1	i	20 30			.254			1	1	1		
		10 % ser	45-		45-60	10'	19t3-carlo-ser-py 3 one	50	1.5		1 1		50	96406	1/2	.00 Z		, 08
		50 0/0 9 t3 25 0/0 plag:	Mod.					60 70				- 1		l	1 '-	}		
		25 0/0 plag:						90;			1 1	95			}			7.
			 	260			qt3- carb-ser-py	901			∤	1.		 	 			
	1	Ž			15-50	4'	J. 2. av. a. ser . kl	0 10 20 30				1		İ				
	- 1		45-					30			264	1						
	- 1	\	80		60-80	6'		90 50	1.5				50	96407	.04	1002		.06
	- 1].[Mod		1	•	chl-carb-py zone	601				1	- 1		10-7-	1002	.10	1
·	- 1	2/1	l			- 1	· <u></u>	70 20	}				- 1					
		a dx green fine gra		270 =				90	\longrightarrow			90					2690	
-	- 1	may be due to an	- 1	11 🛭		- 1	i i i i i i i i i i i i i i i i i i i	0	- 1			- 1	1				- 1	
- 1	- 1	iner in chi. and a			1	R,	.\.	0	1			ĺ	- 1					
.		detr in gry size for to shearing - that is,	70 Mod			8	shi-carb-py some	0	2.0		275		20	96408			- 1	80.
1	1.	the contract of the contract o	moq		1	1	12	0	- 1		277	90			.07	.002	i	ĺ
	l'a	sit's (chi+card) but not is great as first appear pould suggest	- 11	1	io /	۵ ا		0				1	1		1	İ	i	1
		, ovid suggest "		280			274 501 1011	0										
· 1			- 11	4 671		P	9th care-py x2 9th (chi) -carr-py 2 2 3 3 3 3 3 3 3 3 3 3 3	6	- 1			.		1	I	- 1	1	
	1			1 1	13 , 4	i	7 (chi) - carin-py 3	0	- 1	1		90	1	.	ł	i	1	i
	1	1	70	1 61		1	13-60-6-Py va		3.5	İ		1	53	96409	ا در			. 08
ļ	1	1	rlod	1 4.	0.4= /6	×2	7-3-147- Pyre . 6	á	1	Ī	287			10701	.07	1006		1
}	1		- 11		×+45 × 60 1/10	, → Yevz	9/3-16/2 PV+2	3						1	1	- 1	- 1	. 1
				290	 ;		<u></u>					<u> </u>					 +	
]			•3	1.		7 3, 161- py 1 2		1		- 1	0.5	- 1	.]		1	-	1
. 1			[]]	4:	s × 2 / 4		173-carb-4442 30	;			1	95	- 1	-	I	- J		I
	- 1		70 40d	7.	· /2	4	pts.chl.carb.py		1.0		-	1	20 9	6410	., 1		- 1	.05
	-	1			1		60				297		-		$\cdot H$.	0.6	1	
- 1		1	- 111	200 70	, 4'	1 '	shlicansiyy sone 70		-		1	1	- 1	1		1	1.	1
				20013	l	i	<u></u>		1	i	1	ı	j	1	- 1			

GIBRALTAR MINES LTD.

HOLE No. <u>86-24</u> SHEET No. <u>5</u> of <u>9</u>

1	оск	TYPE	S & ALTERATION	7		APHIC			T		BOTTOM DEPTHS		SHEET	No	50	<u></u>			
-			1	1:	• 1 -	LOG	-		FRACTURE ANGLE TO	IMATE D PYRITE	LEACH CAP	\dashv	E			A	SSAY RE	SULTS	
	- 1	. •		0		Yelan	widin Vela	i	CORE AXIS	PYRITE	LIM. ZONE	┥.	1	RO	DSompl	. 1%	1%		T
	٠			7 10 600	Villerilles.	Streety,	* * * * * * * * * * * * * * * * * * * *	,	-FREQUENCY-	1		f	Accord	•	Numbe	1	-1	 	Catinoted
-			 	┼─	1	<u> </u>	7/1013	4 3 - CN1 - P/ E 3		2 %	AEMARKS	⊣ ૈક	7.		1	Cu	Mo		Croic
-	- 1		BORDER PHASE		Ш	4.		atachl-pv	10	1		1	1	1	+	1			
1.	- 1		DIORITE (300-329')	_	111	// 15	1/2	ats-carb	30	7			90	1		1		1 .	
	i		a dk green med grn	Mod	Ш	Ŋ. .	1/2	9ts-chl-carb-py	50	3.5		304	┼	23	01.4	_	. 1	1	
-	ı		7.1	1	Ш	11	.		60	1 .			9'5	1 23	96 411	1.07	-009	1	. 05
	!		~40 % chi ~ 50 % Saus plag.	1	1113	10 N =	1/2	9ts-carb-py	80 90	}	ł	209		1	1	-		1	
	\top		- sl. bx. tex, with clots		711	45 12	2/4+ /2	Chl-carb-py xz		 				<u> </u>	J			<u> </u>	
1			of saus. plag. in chl.		III	45450	1/4+1/3	chl-carb-py+2	20	1		1		ő	1	-	1		
			1	50- 60	Ш	10.7-	1/4+1/3	9tz-carb-cul-py	30	1	· .		95	1	1	-	1	.08	
1				.Mod	Ш		1/4	gts-carb-py (cp)	50	3.0				27	96412	1.09	1002	2645	.08
1	1.				Ш	x 5	1/10×3	qts-chl-py+s	0 10 20 30 40 50 50 50 70 70			317			1	1			1
-	+			· · · · ·	32	0 40		9to-carb-py	901							1	1		
1		- 1				3.0	1. 1	9/3-chi-carb-py	0 10 20 30 40			1	90	3	 		+		
1						[]]	1.	9ts carb py (cp)	20			1 1							1
1	-	- 1		Mod	11	H ?	1 1	99-bx.	40:	3.5		324							.05
		- 1				40	. 10"	9ts-carb-chley some	50 60				- 1	10	96413	107	.004		
-	+		Pase fault contact 329'	_	330	15?	14"	99	20	- 1		1 1	1			1.			1
	1		MED. GRN DIDRITE	-	1 320	40	-1		90				85					-	1
		- 1	(329 - 597)		Ш	25 +60 43		1 Serjepy	10	- 1			1	٠. ا				T	
1 .		- 1.	a med arr (1/2 o- Yodia)	50	Ш	45+60510	1	(ts-chl-pyz 4 1+3-chl-pyz 11	30 1							1		1	
		10	diorite which may grade "	^o4	11	4	1	yts.chl.carb.py	50	7.0		335		67	96414	.07	.010	1	.10
1	1	- 1.	~ 20-25 % bleathed chi	- 11		45-60 x 12		its-chi- Dyxiz-	70	- 1			95	- 1		1.07	. 0,0	- 1	
			~ 20 % interstitual ate	11	340	50	21/2	ta-chl-carb-py	30			1	15	.					
1	1		orn. size vories, port	- 11	1	15-60 X 10		13-661- PYX10	2 20 20 20 20 20 20 20	-		340							
1	1	, b	setween 329-370, and _	, [[10+25		treorph bar	0	- 1			1.				- 1		1
	1	1 4	finer gun sizes are the		1	50-40 1 8		fa.ch1-+4x8	0	4.0			80	.					
1	1	- 1	this may be the	Ш		7	. 1					347	· -	60	96415	.08	,004	1	10
	⊥		noical rx underlying	- 11	350	1 20	3" 9	3-carb. f	0	ı		3.11		İ		- 1	1	-	1
		14	ne north side of the			*							95					<u> </u>	
	1	1 "	3446.			60 . 20	1/20-1/10 x20 19h	3-(H) - PY4 20 25		-	ĺ	- 1	"						
	1					40+45	Yisez of	7-6-1-19/22				353		- 1	- 1		1		
				-	l	15-20-30	. 1 .	carbopyx 3	4	.0			1 4	7	96416	.11	111		.28
					, j:	1	. 1	70		1	1	1 9	0	1			' 7	.08	1
				111	360 /	4512	Kos 2 1 9ts	- Cri-py+2 90		1		360		1			. 1	44.	1

S. SHOZBENKE C.

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GIBRALTAR MINES LTD.

HOLE No. 86-24 SHEET No. 6 of 9

ROCK	TYPES	8 ALTE	RATION		GF	APHI	1		:	FRACTURE	o "	BOTTOM DEPTHS	7	£			AS	SAY RES	SULTS	
-						LOG	7.102 7.102 7.103 7.104	1	11 to 11 to	ANGLE TO	IMATE D PYRITE	LERCH CAP	-	Core	ROD	Sample	1%	1%		Estimeted
	•			7 10 6010			1107 1007 1017	Widih Vefa		CORE AXIS	E 51 1M	SU PERGENE	1	#*c****7		Number	Cu	Мо		Crete
				17-	122	: : :	60 110	Y20×10	9+3-ch1-py x 10		-	REMARKS	25	ļ	ļ	ļ	4		-	
	-			1	III	l K	25+20×3	14+110×3	915-chl- py x 4	10	1		1		-					
				 	Ш	k	45 50+5 40+5	78 78 74 × 2	qt3-ch1-py-cp qt3-ch1-py qt2-cn1-py = 2-	0 10 20 30 40 50 60 170	4.0			80	43	96417	1.11	.002	}	ه ه
				Mod	Ш		35×2 30	Y10 Y2	ata-chi-py +2	60			367			10117		1,000	ĺ	
	. 1			1	Ш	370 l	15	<i>Y</i> 4	4/2-cul-corp-bh	80 90		·								
					Ш	1	ie	%	9/3-chi-py	0 10			1	98						
	ı			50-	$\ \ $		70 60 • 70 × 8	120× 8	dis-cmp bl x 8	20 30				io.		ļ	1	1	j .	,10
				WK- Mod			40-45 KID	1/8 1/20-1/0210 1/2+1/8	ats-chi-py ats-chi-py ats- Mo (co)-py x =	50	3.5		377			96418	.18	,010		,,,
							45×3	1/20×3	9t3-chl-py (CP)=2	0 0 20 30 40 50 50 50 70 70 70										
					:	380	45×1	/8+Y10x3	413-cyl-bx x3.	90					-		 	-		
. 1							?	10"	9/3	0 10 20 30 40				98						
				45		И		1/20.24	9ts.ch1-p1×4	40	4.5				į	96419	.11	. 002		.12
				wĸ	\parallel	1		2"x 2	at attended (a) es	50 60 70			387		-					.
					13	40 VI		11/2	9t3-carb-p-1	90										
				1	\parallel	12	1	14"	9+5-carb-py ((cp)) x>	0 10 20 30	- 1		l	95						
				45	\parallel	E.		3"	93-carb(cW)-PY	30	7.5				.	96420		_		.10
			1	ive	\parallel	114		Y2 • Y4	9t3-ch-carb-py	50			397			16720	112	.002	İ	
			1		11,		5x10	10-120410	earl (9t3)	60 50 50 60 70 70	j				1				- 1	
					1	1	5	z* /8+/10	913-ch1-P1	0 0 0 0 0 0									./3	
			1					/4 /4-/c	qt3.cu1-pxx2 qt3.cu1-carb-py(cp) qt3.cu1-pxx2	90				100					2555	
			-	No			- 1	/4.76	15	0	4.5		407		40	96421	.13	.002		, 08
ĺ				- 11	.	5	. ,	10+720	ato-chi-pyez	0			70.			- 1		l	- 1	
				—H	1411	· .		2	9+3-cr)- py					95						
						113	1.,	. [9 t3 - Ch1 - p/x 2	0			4(3			.	1			
				иь		113	1	i	96-pr-pom		3.0				57	96422	.05	1002		.06
			1			4	*	i	7					90	İ	-				.
- 1	- 1		- 1	11	1421	o 1/4 'S	*4 //ic	5-XA4	of 3. carb-chil-py x+	51	j		1 .	1.	1		1			

GIBRALTAR MINES LTD.

HOLE No. 86-24 SHEET No. 7 of 9

ROC	K TYPE	S B	ALTER	RATION	1	G	RAPHI LOG	q		:	FRACTURE	0	.]	BOTTOM DEPTHS		C.1			AS:	SAY RES	SULTS	
	Τ.	T^{-}					<u>:</u>	7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	width of	11.00	ANGLE TO	IMATE D PYRITE		LEACH CAP	-	Core	ROD	Somple	%	%		Estimated
:					7 10 60	Fellets		, 7 , 7	*!4! *,	li la s. r	-FREQUENCY-	6.57 !!		SU PERGENE REMARKS	100	**************************************		Number	Cu	Мо		Crote
								20 5×4	1/20-1/10 × +	qtz-chl-py hem-qq } broken	O				423							
·					ФИ	\parallel	1 1		1/1042	9tz-carb-py (Cro) x2	40 50	2.5			425	90	13	96423	.03	4002		, 05
		1					430	3	2'	nighty broken some	O			· · · · · · · · · · · · · · · · · · ·	429	90					1	
					-	\prod	A. Xie				0 10 20		T	***************************************		50						
					70 Str		21000	70	10	9tz-carb-(chi)-ser(py)zone	30	2.0			435	·	27	96424	107	.002		.06
					"		MAIN)	·	(pale brown weathering carb)	30 60 70 90					Bo			, 07	.002		
					┼	HH	440.		41	broken gg'y some	90		+		441					-		
								65 50-40×4	1° 120×4	ats.carb-py(cp) chl-pyx4	9					60	-					, 68
					ИЪ	$\ \ $		70 !	y4 y2 2	elts-carb-chl-pv qts-carb-py	90 50	1.5			447		17 .	96425	.06	.001		, , ,
]]].	50	5	1/2	dts-ser-carb-zone	0										2510	
							N.		1/2 1/2-1/4×4	473-carb-py 473-carb-py 473-carb-py(cp) x 2 473-carb-py(cp) 473-tour. 473-tour. 473-tour.	0 0					90						
					ND		₩.	12	Y4×2	9+3.carb.py(cp) (dk 30m) 3	0	2.0					60	96426	.07	.003	1	ەن.
						\parallel		0+76	4-1/3	913-tour.	0			H	457						1	-
						11	60			1/4	5		+		\dashv	<u> </u>						
					5-70 str.		5	-70	12.	12	ol 3	4.0				100	53	0,427				.18
	1				246.		Cuccos		12	(first coarse cp) 60				1	467		55	96427	.12	.004		1
						47				98. 92.			_		_	-						
										हिंद 						70				1		
ļ	1		small f	1100	?				' a	9. pr 200		1.5 ?		4	27		10	96428	.05 .	201		.05 ?
			· ·	<u> </u>		480				70 60 30											<u>l.</u>	

GIBRALTAR MINES LTD.

HOLE No. 86-24 SHEET No. 8 01 9

ROC	TYPE	S & ALTERATION	ا. ا	GRAP	; .		<u>•</u>	FRACTURE	6.0	BOTTOM DEPTHS	-	E			AS	SAY RE	ULTS	
				5	Velne 10 Co. Auto	£ 5	150 c 150 c	ANGLE TO	IMATED PYRITE	LIM. ZONE	┨	C+/+	ROD	Sample	%	%		Estimated
:			7 10 600	Ailereite	1 3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	Widih.	110	-FREQUENCY-	6.57 !!	SU PERGENE REMARKS		**************************************		Number	Cu	Мо		Grade
					45.40 4 5	/101 = 2'	42-carb-py	0 10 20			184	סל		-				
			ND		, n	矣	glacarto pr	40 50	4.5			95	17	96429	.11	1004		80, .
				490		4'	gg-bx-hem.	60 70 80 90			488							
		•	ŀ		**	Y. Y3	442-carp-p4	9 20 20 30 30 40 50 50 50 50 50 50 50 50 50 50 50 50 50			494	85	÷				.08	
			HD		5	Y10	carb-hew	40 50	1-0				13	96430	.06	.001	2465	.05
				500		3'				:	500	80						
	1				20	3' 2"	40	0					* .					
			чр		15 30 251 3	1/2 1/4 1/10×3	9 t3-carb-py 9 t3-carb-py 9 t3-ch1-pyx 3	0	2.5		507	90	27	96431	.03	1.001	·	80.
					1 40-30×10 70×2	8° 1/20×10 1/8+1/10	913-chi-ep-carb 913-chi-py(cp)x10 913-chi-py(cp)x10 913-chi-py(cp)x10	0				2.						
				11	3. 3.	14+42 100 10012	9 t3-cal-pyxz 2 9 t3-chl-py-cp 2 9 t3-chl-pyxz 330	01			513	95						
			P)		20	ý2 2.	915-PY 40566	2	3.5				37	96432	,05	4,001	}	,10
				520	4012	hosz	9 to-py 35 to py 35 t					98						
•					45+3 55	%·3 ="	7+3.chl. py-carb. x3 10			<u>'</u>	23							
			to Mea		40 120 45-70×5		chl-py + 20 40 50 713-chl-py xx 60		3.0		27	35	27	96433	05	.00/		,08
				530	15+2012 60	Y1073 Y2	173-CH-PYX3 80 973-CH)-CAT-PY 30										<u>l</u> .	
				12	ľ	· 1	13-chl-py = 20 13-chl-py = 20 13-chl-py = 20 13-chl-py = 20 13-chl-py = 20 13-chl-py = 20 13-chl-py = 20					15						
		, s	od	[4]	[to-chl-py 50 ty-chl-carb-py xz 60		2.5	5:	35.6		20 9	6434	۰۶	001	1	,12
							h1-carb-py /2 60 h1-carb-py (cp) 30ne 80				. 9	5				- 1	420 .	

GRID. GIBRALTAR MINES LTD. HOLE No. 86-24 SHEET No. 9 of 9 ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE LOG IMATE D PYRITE ASSAY RESULTS LEACH CAP ANGLE TO width . Co.. ROD % % Sample CORE AXIS LIM. ZONE Estimated A+c++++ SUPERGENE -FREQUENCY-Number * Cu Mo Crole REMARKS 541 40.80 chl-carb-ep-py ((cp)) zone 45 Mod 95 2. 0 43 96435 ,07 .12 001 of-corb-py 547 Y1022 dk, vuggy chl-carb (chl-carb (9+3) (p1) ((cp)) 3 one 98 6" 12" 1511/4 df2-cyl-carp-bi 555 .12 Mod 3.0 27 96436 002 9+3-chl-sev-py 3 one 40-70 X S 14×5 9/3-carb-py (4) + = Y3 x 3 98 9tz-carboy(cp)=3 70×3 . 5 2.5 565 110x2 of 3 -chl-pyez 96437 105 4.001 africht-carby some 9t3- py (cp) 100 9ts. pied-py qtz-chl-pyxz YEXZ 1.5 575 05 96438 06 1,001 qt3-chi-py 95 .06 9 t3-Py (ep) 1.0 . 08 2375 33 96439 04 586 1001 9tz.ch-carb.py Yiox-9+2-ch1- 21×2 95 1.0 594 broken + lost core ,05 E04 597 96440 .03 1.001 410

GRID_ GIBRALTAR MINES LTD. HOLE No. 86-25 SHEET No __ _ of _9 LOCATION SAWMILL WITHOU ~ 34, 223.00 N come sue N.O. Wireline DATE COLLINEO 21- Aug - 86 507 LOCCCO BT G.D.B. DEMATURE ~ 47,950 00 E SCALE OF LOG_ 1"=10" DATE COMMETTED 21- Aug - 86 MOV. 26 1986 -90 ELEVATION ~2.958.00 ' Achaers this hale intersects this similar to that of 79-18 GRAPHIC ROCK TYPES & ALTERATION LOG BOTTOM DEPTHS FRACTURE Volas 10 Cara Asta ASSAY RESULTS LEACH CAP 75' ANGLE TO ROD CORE AXIS Core LIM. ZONE Sample 100 Estinetel Rocerory -FREQUENCY-2 % SUPERGENE 110' Cu Mo 7. crose REMARKS No Footage Marker - casing prob starts @ ~ 47' QUARTZ - CARB. 05 SERICITE - CHLORITE strong leaching 75' but only weak ZONE (47-137) 20? limonite to 100' ce zone is weak and typical alt'd shear sone - strongly sheared and in places folded sl confined to fractures. .07 .006 0% 96451 and crevulated. 57% n 20 % brown weather carb. as clots, yeins and clisscostmoor common and clisscostmoor carbon as fine broken core and lost 45 core plus niner 39 Bones . Heavy pervasive 45 (< /20") gras Irmen's stamme, niner 0 Str 0% ~ 200/o baje Guel bjad 96452 Mun, and no majorhite .13 .011 ~ 300/o combined chil+ Ser. - the ratio of chil- to ser varies depending on original host re -ie, dioritie 8% and quarts-perp. 45 ter. consists of catachetic str 2.5 of 5- spor gras 120-18" in a survived matrix of chil-96153 .08 10% .17 1009 9t3-carb-ser-py 65%

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GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 2 of 9

			7	GRAP	HIC			T	,	_)))CC1	140	. 01 مسكم			_	
ROCI	C TYPE:	S & ALTERATION	-	1 10	G l		<u>.</u>	FRACTURE	9 80	BOTTOM DEPTHS	4	C			AS	SAY RE	SULTS	
	ļ. •		10 =	£ .	3 202	5 5	1	ANGLE TO	IMATE D PYRITE	LIM. ZONE	┥.	Core	ROD	Sample	1%	1%	T	T
:			L to Core Follotton	All of	Sleveives Value	width of	Hlass.	-FREQUENCY-	11123	SU PERGENE REMARKS		R.c.,,		Number	Cu	Mo		Estimated Grade
,		Py occurs throughout the some mainly along felly planes associated with larger x-cutting at 3-carb. Vone (gash "veins?) Cp occurs in only minor amounts as tiny isolated	\$TV.	90	5-40	10'		0 10 20 30 30 40 50 60 70 80 90 90 90 90 90 90 9	1 .0		8Z 87	108%	58%	96454	.10	.002	, 12	,10.
		gins or as microcopie intergrowths with py.	-	11190	5-30	23'	9t3-carb-ser(chi)-py	0				97%	90		-	 	2870	
	.	mier draming with the	5-36		5-20	2'	99-bx	20			93				'			
		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	str. folded	100	5-13	₹ ¹	qts-carb-ser-py-((cp))((cc))	0 0 20 30 30 80 80 80 90 90 90 90 90	4. 0		. 3	84%	20%	96455	107	.001	·	.12
				11		1		2			100		100					
			45° 50 Sir.	110	45-50	10'	qt3.carb-ser-chl-py((4)) 4		1. s		105	76% 72%	10%	96456	.05	.oo3		.10
			5- 50 Str. Folded	120	5-50	10	2.2.2.3.6 17.5.6.4.7.5.5.6.7.9.4 17.5.6.4.7.5.5.6.7.9.4 18.5.6.7.9.4 18.5.6.7.9.9.6 18.5.6.7.9.9.6 18.5.6.7.9.9.9.6 18.5.6.7.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9	ļ	3.5		119	37%	35%	96457	.03	.004		.12
		5 for	-50 str ded cren.	/3 ₀	5-50	10'	qt3-carb-ser (chl.) -py(cp) (20)		4.0		2.5	00%	73%	76458	.05	003		,,4-
		35 St.	10	140	35	7' 6	3- chl-carb (cer) - py 30 45- chl-carb (cer) - py 30 40 50 60 70 80	3	1.0		35	5%	70% 9	6459 .	09 1	ł	.05 825	.08

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 3 01 9

ROCK	TYPE	S & ALTERATION	l .	GRAPH			:	F	RACTURE	9	BOTTOM DEPTHS		T	7 7	7	Δς	SAY RE	SULTS	
			L to Core Follotton	ſ			ļ .	^	NGLE TO	IMATE O. PYRITE	LERCH CAP	_	Care	ROD	Sample	1%	1%	T	T
				Valleyalle,	Sleveiver Vilin L 10 Co	*!4!* *!4!*		ļ	PRE AXIS	£ à	LIM. ZONE		Recevery	1	Number	 	1	 	Cationsted
			7	₹ ₹.	<u> </u>		1 2		REQUENCY-	2 %	AEMARKS	- 3	7.		Nomber	Cu	Mo	1	Croic
		FINE-MED GRN			133410	Y10+2	9ts-carb-pyx2	0 10				1				1	1	1	
		DIORITE		11	Sex 2	Ye + Y10	4+2-641- bx x2	20				143	1	ļ .	-		1	1	
	•	(137'-296')	35 Med	11	\$120	16:2	9t3-carb- pyxz	100		4.0		145	95%	82%	96460	1.09	,003	1	,08
		this is not Border. Phase Dibrite but	- 1	Ш	5-20	3'	qtz-chl-ser-carb.py	70		:	· ·			02%	10.00	1.07	1,000		
		rather the typical.		150	(5	1/4	qts-cob-ser-py	60 70 80 90				1		150	1	1]		
		diorite to quartz .	.		25	710 3"	9t3-chi- py 9t3-scr- py	0					98%	/50		1	7		
	i	diorite rx occurring along the north side	- 1		Tx 3	1/212+1	413-30-179	20 30								1.		l	
1		of the Sawmill Zone	Nod Nod		20	12,"	ats-ser-py	10		4.0		155		35%	96461	.05	,005		,05
		~ 10-200/0 9ts			20	2,	,	40 50 60 70				158	93%	35%			,,,,,		
		~ 15 0/0 /o plag.		160	4		df2. sec-60-p-61	90		İ				160					i
	- 1	10-20 % carb			30	2,						162	90%	780					
	- 1	this rx- appears to	- 11		1	,		0 10 20 30 40 50		- 1			25%						
	1	carb altri which show	30 WK-			8	highly broken core	40		2.5		164	23%	12%	96462				os
	1	been exposed for	Hod	1 1				60		1	A			12/0	,	.03	002		
	- 1	several weeks (brown weathering carb)	- 11	170		l		70 20 90		1		176	53%						
	<u>_</u>	the carb occurs in		1	3543	1/1013	7 3-chl. py , 3	0				17/	95%	110					
	- 1	Veinlets and as disseme and as	- 11		,.	. 1	tha-carb-py	20					60%			- 1		- 1	1
	- 1		s lod				1+3-ch1-pyx6	10		3.0		175	00 /3	23%	96463	.64			.06
1 1	-	seen in hole 86-24	- 111			1	113-chl-pyx5	60				178	90%	"	-	164	.002	.06	
		saus, alth of plan			11	3 - 1/4	13-carb-py (cp) >2	30				1/3			- 1	j	ĺ	2780	1
	.	is weak to absent.		:			,	20 20 20 20 20 20 20 20 20 20 20 20 20 2					90%	~					
	1		. 111	W	35.5 Y	2015 9	3-chi-py (p) x 5	0		1		183			1		- 1	1	1
	-	1: M.	s -d-		30+35		3 -caib.chl-pyx =	0		3.0		185.6	95%	52%	96464				. 10
	- 1	"	`	И:	15	1 .	3- earb-ch1-py [6	0						22%		.01.	002	- 1	- [
			-444			1×3 9	3-carb-cint-pyx3	2		1		- 1	19	5		- 1	- 1	1.	
		j		A.			3-PY 10 3-ca+b-pyx3 20	;				7 8	32%						
		40	.	4 / 8	5+20 Ý	10 x 2 qt				- 1	1		"			1		- 1	
		wk- rhod		13	-T30+45	+ 1/2 = / gt	3-chl.py x = 3c		2	ع.	14	95.6		50%	96465	04	002		. 08
			$\parallel \parallel \parallel$	2	0 2	· qł	3. ser-carb-py zone 70 80				· }	197 /	60%	-0/	.=	' '	002	- 1	
	L_			0011			90	1				;	16% 20	0		1			

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 4 of 9

RO	K TYPE	S'& ALTERATION	- [· ·	GRA	~ 1		:	FRACTURE	۵ "	BOTTOM DEPTHS	-	£	1	1	ASS	SAY RES	ULTS	Į.
-	Τ.	T	Z 10 Core	٤٤				ANGLE TO	IMATE D PYRITE	LEACH CAP	4	Core	ROD	Sample	1%	1%		
1	ľ		2 2			Widih	1	CORE AXIS	1 à	LIM. ZONE	- 3	R.c,		Number				Estimated Crose
1		.	142	Allerellen	Valar Valar Valar Valar	*	ž.	-FREQUENCY-	2 %	SU PERGENE REMARKS	916.23	%			Cu	Mo		- C-1.
		 	-	\mathbf{m}	UA 1.3	12"	9t3-chl-carb-py (sp)	0			201		<u> </u>	 	1			
				III	И		1.	20 30	i				1	ļ		1		
	1.		35 Mod	Ш	1	8.	1	30 40 50	2.5	:		73%	47%	0.4/	1	1		۵۱,
1			Mod	Ш	35	•	9t3-carb(ser)-Py 3 one	50 60] "		207		11.00	96466	.06	.00Z		
			1	Ш	M	•		70	1				1		1			•
	4		/ 	1112	4512	1/3	9-3-carb-py	90 90	1	-			210		ļ			
1	· .		ŀ	Ш	10.8.2	1/1042	gts-chl-pyra	0	1			98%			1			
1		strong pervasive ptzicarb. altn		Ш	18	1/20-7/023	gtz-chi-py	30	1			1010				j		
1	1	qt3-carb.altn	45 WK	Π	13	1/20-110×3	df2-cmp-b1(cb)	40 50	1.5				80%	96467	.04	.001	- 1	.10
		1	1		N.,	 	d12:0:1844(A)	50 70			217					ĺ	- 1	1
	1			22	2/120	Yio	9t3-ch1-py(cp)	0			.	100%	220	1	l			
					7 . 20	/4×2	9tz-carb-py(ep) x2	0			221							- 1
ļ			_			1 1		0			ļ						.04	* - [
			5- 50 Mod-	Ш	50-5	9 ¹	9-3-chl-ser-carb (pyx(cp))	0	2.0			11	75%	96468	24	.002	2735	12
1	ĺ		Int.	\parallel	M	1	3one g	0	i			- 1	10%	(0)	.0 1	.002		
				11 -	10	1 1		0	1	[İ	cod	- 1			İ	-	
 			+	123	\	 						88%	230					
				Ш		1 1	[<u>/</u>	0			-	t	1			ł	- 1	- 1
			5- 60 5tr. fod 1	Ш	5-40	'0'	9t3-ser-carb-chl. py ((cp)) 3 one	2	4.				/		1	_ 1	1	
	1 1		str.	Ш	N	l " l	913-ser-carb-chl. py ((cp)) 3 one		8.0		237	- 1	75%	96469	.02	.003	1	.14
	1 1		Cren.	11		1	170	5		-	73/		- 1	i	- 1		İ	-
	 			240			9 + 3. ser-carb - py (cp) = 10 / 10 / 10 / 10 / 10 / 10 / 10 / 10					74% 2	40					
		small fault (5 4 10	2'	97-5x 200			<u> </u>	242		- [1	-	- 1		l
		small +ault	5- 50		5 ,		9t3-carb-chl-py(cp)		1	1.	245	67%		ĺ		ĺ	ı	
			34		Ä		13-400-611 11001		3.0	[-	(75		12%	96470	.05	.002		. 15
	1		Mod		SOYL	1/2012	9ts-chl-py+2 60					74%				- 1	i	
	 			250	1		90			2	50		50					
			- 11	1	£0 X 5	1/20 \$ \$	9tz-chl-pyxz 20		- 1	1		- 1	-			.	- 1	ļ
			50. []			Y20 4 2	9+3-chl-py(cp),2					86%				- 1	- 1	. 1
		.]	60		70		4+3.14-cp 50		2.5		- 1	-/0	51% 9	16471	. 05 .	002		.12
			Mod		50-40	4'	qts.chl-py(cp),2 30 qts.chl-cp 50 chl.carb-py sone 80			1-2	57		.	ŀ	-1.	-		
				260		<u> </u>	90 90					26	2					

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 5 of 9

ROC	X TYP	ES & ALTERATION	1. 1	GRAPHI LOG	q	_	5	FRACTURE	6.0	BOTTOM DEPTHS	-	···			ASS	AY RES	ULTS	
			3 🚊	:	Velna 10 Car Aula	4.5		ANGLE TO	PYRITE O	LIM. ZONE	┨	Core	ROD	Sample	%	%		Estimated
			L to Core Fellation	Foliation Alteretton Footogo	124124212 1414 15 14 2.	Width	<u>.</u>	-FREQUENCY-	2 %	SUPERGENE		R,		Number	Cu	Mo	Ī .	Crede
	_			TT 1	7	ļ	2	<u> </u>	-	REMARKS	25		<u> </u>	<u> </u>			L	
								10 20	1				l				1	
	 .		10		45-50	10'	1 (/)	30	1 .			92%						80,
1	1	1.	15- 50		73.50	10	qt3-ch1-carb(py) 3 one	50	2.0				58%	96472	.05	.001		
	1 .		Mod					70 30			267]	·	, 04	
-	 			270	45/2	/ ₁₀ = 2	qtz-chl-carb-pyxz	90		ļ	ļ.,,	93%	270				2690	
1		::::::::::::::::::::::::::::::::::::::			1		· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	0			273	,5,0		<u> </u>				
			20		So.	/0	of-caro-py	20 50	1.0	,								. 05
		the state and transfer of the	-V/K		398-21.	%	14	0	. •		277.	100%	. 38%	96473	.08	.002		. 00
1		ference has de-		1		4	highly broken core	0			279	60%	Line y.		ja on lävj	14 N.O.		
-	├			280							\Box		280					
				- Janes - 1974		30"	1/3-ser-carb-py (cp) some								1			
			ND	1	i i		qt3-chl-pyxx	>	3.5			75%	50%	24.74		- 1	- 1	-12
			- 11		4012	1000	9+3-carb-py(cp)x2 60	2			287		30%	96474	.07	,003		
			Ш	1 111	60 3 60-70 110 Y	20-75×10	4 to carb-py 4 to carb-py (cρ) = 20 4 to carb-end-py (cρ) × 12 9 to carb-end-py (cρ) × 12 9 to carb-end-py (cρ) × 12							.	1		1	
	 			1 10			at year - a (pr) zane)				r	290					
												98%	1		1	- 1	- 1	- 1
		296	ND.		26.	3	chi pied-co(pi) zone 30		2.5	,	295.6		67%	96475	.05	_	I	14
		216		- A	0+20+15+3 /	10×5	chl. pied-cp(pi) 3000 300 300 300 300 300 300 300 300 3		ŀ				616	101/3	,05	002	1	1
		SAUS ALT'D FINE	- 111	300/14	0×3 /y,	20-1/012	16- ell - (6) - 7		- 1				.			- 1		
		MED GRN DIORITE					173-CHI-PY (40)= 2 10 153-CHI-PY (40)= 2 10 153-CHI-PY (50) 153-CHI-PY (50) 153-CHI-PY (50)					96%	00					
		(296- 420) This may be a diff		2	0 4 4 Y	084 9	t3-cx1-py 30		1			10				.		- 1
		rx type - compossition 1	95 Wx	13	0 = 2 /8		9ts.chl-py 40		2.0		305.6		70%	96476 .	05			.10
		appears similar but tax is diff. plus the rx shows strong says	-	1.15	1/3							l	/	' ' '	~ J.	001	1	1
		shows strong says		310 5	2		t3-conb-py (cp) 80					3/	0					
		- Tex. consists of Saus. Plag porphyroblasts,	-	30	-40×4 /20		13-conb - P4 (cp) 80 13-conb - P4 (cp) 90 13-conb - P4 x 6					75%						
		rounded and up to 14' die in a seriale matrix		1/1	1	1,	30						1				06	
		of save play, chl, and		12			13-CNL-PY(CP) x 50		1.5	غَ	15.6		70% 9	16477	05 .	201 3	2645	.10
]		of save play chi, and interestitual ata. (avg. grm size of matric is	-	. Н	i i	1 '	70				,	Ì	"	. ["/	1	
L		~ io dia	1113	2011 15	1/10	- 1 9	3-chl. py(cp)					1 32	0				<u></u>	1

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 6 01 9

RO	CK TYP	PES	8 ALTERATION	1	GRAP LO	~ J			FRACTURE	۰.	.]	BOTTOM DEPTHS		1.		T	AS	SAY RE	SULTS	
	1	Т		75 4	55	Tribit.			ANGLE TO	IMATE D		LEACH CAP	1	Core	ROD	Sample	7.	1%	T	T
	:	·		L to Corr	Follotion	310vel	*	Hlace	-FREQUENCY-	6 ST 1N	•	SU PERGENE REMARKS	F. 10.10.1	**************************************		Number	Cu	Мо		Crode
				ľ		45 45+60+40 40	12" Y2013 Y10	dis-cul-bh dis-cul-bhxz dis-cul-eb	0 10 20 39 40 50 60				324							
				15 WK		45 42	1/8+110	qt3-ch1-py x2 qt3-ch1-py x5	40 50 60 70	1.5				102%	86%	96478	.04	00/		.08
		+			330	40.2	/20 x 3		80 90 0	ļ	-		33)		330		 		 	<u> </u>
				40	\parallel	44	1/10 1/10	9 t3.eh1-py	70 20 30 40	1.0			335	98%						.05
			er were	me- mod		45.3	Y20x3	df3-c4)-bAx3	20 30 40 50 60 70					.,.	44%	96479	.06	·00Z		
	-	+			340	35	1721				+		312	80%	3 9 0	194 N	-			
				нъ		?	242	ep (9+3)(carb)-py-cp 30ne 9+5.chi-pyx2	2 <i>0</i> 30	2.5			-11-	92%	120/	96480	.0			,14
						7	31	cyl-eb (bA)	0			}	347		62%	16 700	.09	.002		
	 	\dagger			350	50 × 3	1/20 ×3	4+2-cm/-b4(cb)x =	0		╁			Γ	350					-
				15- 55 3tr,		60 + 30 +5	1/3 + 1/10×2	ptz-carb-cint-pyx3	0	2.0				95%	63%	96481	.06	.002		.12
				344,	360	15-55	<i>5</i> ′	3/2-carb-chl-(mag)(py)((cpl)	9				357				, 0.5		.06	
								5 	2	•	T			Γ	60.		_		2600	
				60- 70 31r		60-70	10	442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh) 442-carp-chi (bh)		1.5				90%	8%	96182	· M	1001		12 ل
	ļ	-			370			77. 198. 198.				د ا	67	3	70					
				,				10 20 30						90%						
				80 otr.		80	10,	9ts-carb-ch1 (py) 50		1.0		3	76		16%	96483	03 <	1001		.10
		<u> </u>		Щ.	380			80 90						38	0				<u></u>	

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GIBRALTAR MINES LTD.

HOLE No. <u>86-25</u> SHEET No. <u>7</u> of 9

ROC	X TYP	ES & ALTERATION	7	70	RAP	410			T					SHEE	140	_Z of				
	T	1 ACIERATION	- :	- 1	LOG	; .	-		FRACTURE ANGLE TO	IMATED PYRITE	BOTTON LEACH C			2			A:	SAY RE	SULTS	
	· ·	1	3		÷ :	Velas Velas Aris	Width		CORE AXIS	PYRITE	LIM. ZON		┨.	Cara	RO	DSample	1 %	1%		T
1 .	İ	.	7 11 600	fellettes fellettes	<u>:</u>	1114 12 10 C	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	4	-FREQUENCY-	6.5117				Recess	,	Number			1	Estinet
	 			-	} `		- 			12 8	AL	MARKS	7 3 5	7.			Cu	Mo	1	Cross
1	1			Ш	1	45 42	11012	qts-chl-pyxz	Q	-				94%				1	1	
			70	Ш	1	1 == 40	Y412	hem-carb-gg x i	20 30	7				1 '''		1	I.	,	1	
			WK	Ш	1		3'		40 50	1.0			385		45%	96484	1.06	,001	1	.12
			1	Ш	ľ	50	1	carb-chl-py-cp	60	1			388	70%		16 164	1.00	1,00	1	.
				Ш	390	4312 Box2	1 + 1/2	9tz-chl-pyxz	90	1	1		300	 	۱					1
			ŀ	Ш		70	Y20 Y2	gts-chi-py	9	1	 			1	390		-	┤──	 	
			1	Ш		ts	Y4	9t3-chl-carb	20	1			1	92%					1	
			70 WK	Ш			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 10	0.5				12/0		1]	1	1	
		1	1.			7 80+76	Y4x2	2xspb	0 0 0 0 0 0 0 0 0 0	0.3	1		397	1	75%	96485	101	1002		0.5
ł			1	Ш	100	25	Yesa	gts-carbxz	701 201 101			A			1	1	1			
			1	$\dagger \dagger \dagger$		35	6.	qtg-carb-chi	0						400		ļ		***	
			1	Ш				Į.	0				1	100%	1	· · · .	1			
			60	Ш		70-B0 410	He-720 x10	qts-ch1-pyx 10 qts-carb cutting + displacing q qts-ch1-py	0	i				100%		l	1		.04	
İ			wĸ	Ш	- 1	35 + 70	1/4 + 1/3	93 carb cutting + displacing		ک.٥			107		92%	96486	1.04	. 001	2555	,05
I		1		Ш		45	1/10	9 13. chl- py					1957		, , ,					
			 	1111	10				?i						410					
				Ш	- 1/1	15		9tz-hem		l										
I			70	Ш	Ħ	70+3	hle-Yzo v3	9 t3-chl-py 22	?	- 1			1 1	102%					I	
			WK	\parallel	目	80+70×2	Y4+Y3+2	qts-chl-py + qts -chl-py(cp)ex 30		1.0				- 1	85%	96487			1	.05
1	l			Ш		60-75 ×6	1/20 4 6	9ts-chl-py + 9ts -chl-py(cp)=350		- 1			417		80%		105	.004	- 1	
				1/2	20 1				1	1			1 1		, , ,			- 1	1	
İ	l	FINE MED GRN.		Ш	11	70×2	1/20 ×2	9 t3-chl-pyx2 0						f	120					
j	- 1	DORITE (420-507)	,	Ш				30		- 1				93%	1		1	[
-	- 1	Same as 137'- 291'	Mod	П		80	7'	9+3-carb-chi(pr) 50		0.5				1	0/	01.100	_ [- 1	.06
		- Thatis, sons, alt'n is	- 11		H		1	60		- 1			927		52%	96488	.03	.006	ľ	•
		weak or absent - most of the core should		43.	0			80								ſ	-	- 1	- 1.	
- 1	1	chl-corb alt'n either pervasive or in strong						qts-chl-pyx2 qts-chl-pyx2 qts-chl-pyx2 qts-chl-pyx2 per per per per per per per pe		-+				12	30					
1	- 13	somes accompanied by	. []	1	¥	80	ه ' د	20		- 1		1	- 1	/		1	- 1	- 1	- 1	
-	5	itrong shearing and her. Sulfides	60 MK		目			inl- 9tz-carb-p-1(cp) 30		50		ľ	1	100%			- 1	- 1	- 1	
- 1	Ι.				Ħ			60				[.	137	- 1	70% 1	96489	.09 .	001	- 1	.12
				140	H:	io 3		int-carb-py (cp)				t			i l	1	1	- 1	- 1	- 1
								1901						44	0		- 1	_1_		

GRID

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 8 of 9

						-					TAN WINES	C 1 D.			SHEET	No	8 of				
ROC	K TYP	ES 8	ALTERA	TION	J _		RAPH LOG			<u> </u>	FRACTURE	·	BOTTOM DEPTHS		1.	T		A:	SSAY RE	SULTS	
		7						Velns Velns L 10 Core			ANGLE TO	IMATED PYRITE	LEACH CAP		Core	RO	Somple	1 4	1%	1	Τ
					= }	1		\$10,810.15 10,010.1 10,010.1	Width W		CORE AXIS	1 × 2	LIM. ZONE	🗄 :	Recever	1	1		 '°	1	Estimated
'		-1			14.		ŧ ŧ.	# 7.	*	4 2	-FREQUENCY-	2 %	SU PERGENE REMARKS		7.	ł	Number	Cu	Mo		Crose
-		1				T		25+20	Y3+Y4	973-chl-ep-py (cp) + 2	0		HEMANAS		 	┼				┼──	
1	l				1	Ш		4.	/*	ata shi ay	20	1	,		100%	.		1	1		
	ļ ·				ND	Ш		1042	1/10	9/3-84	30 40] 1.0		- 1	100%		1	1.	1	1	12
	l				1	Ш	.	(10*2	Ysete	4+3. carb-ch1-py (cp)+2	40 50 60 70	-		447		77%	96490	1.11	,001	1	
					1	Ш		1			70	1	· [1 77 /		1			1	.07	
	ļ			<u> </u>	 -	-##	<i>45</i> 0	-	12,	chi-ep-carb-py(cp)	90	1			J	150				25/0	1.50
1 1	l				ŀ	Ш		45	1/10	ets-chi-carb-py	0 0	1		-	1 1	.] .				ļ	
		1	. 4			Ш		60	1"	413	30	1			100%			i	- [į	14.7
			. '		44	Ш	ŀ	45	2'	973	40 50	1.0		1	1 2 4	76%	96491	114	1001	}	14"
						Ш		ļ `	17	cyl-sb-b4-ch	70	1		457		10%	10.11	1 ''	, ,	1	
l l		l				Щ	160	4s +40	1/4 + 1/10	qt3-chl-carb-pxx2	80 90 0 10 20 30 40 50 50 50 70 70 90			1		11-		. [1		N.
		1		ĺ		Ш	=	Box 5	hlexs	chi-pyx s	0			1	1	760	 	1	1		
		1			ND	Ш	P	00, 0	1,,,,,,,	CHI-PYX S	0 10 20 30 40 50				94%	l					
		j		1	4 to 08	Ш	- 11			·	90			1	11/	- 1	0,400	1.05	1 .		70
		l			wĸ						50	2.0		467		7Z%	96492	1.05	1001	İ	
		Ī		j		Ш.		80	3 1/2	qtz-chi-carb-ser(py)	70 80 90			1				1	1		ĺ
						119	70				90			<u> </u>		470		ļ			
. 1				j		Ш					0 10 20	- 1									
				1	. 1	\parallel			10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1301				100%					-	
	- 1			- 1	Bo Nod- str	Ш		80	1 10	9t3-chl-carb-ser (pr) ((cp))	50	30				70%	96493	117	,00/	ı	80,
1	İ			- 1	3."	Ш	П				40 50 60 70	- 1		477		10/3	·			- 1	1
						1/42	801				90	- 1				180				- 1	į
- 1	ļ					Ш					0 10			1	f	,,,,,					
1	- 1			- 1	.	П		80 .	7'	gts-chl-carb-ser (pv)	20	}			100%	1				1	1
- 1	- 1				80		П	0-		412-011-Carp-251 (64)	40	1.5		1 1	100%	75%	96494				.12
	- 1				- 11		1	io.	2*		60	- 1		487	1	13/0	,*	.08	4.00/	- 1	
ı	- 1			- 1		190	P 1		1	df2-eb-cons-by (wind)	10 20 30 40 50 60 70 80	1.							i	- 1.	.
					-11	T	И				90 0		· · · · · · · · · · · · · · · · · · ·	\vdash	Ħ	90					
1				1_	_]]						20	- 1					-	- 1			
					-70 tc.		4	5-70	10'	oto cost and a co	30 40	0,5	* mag occurs as times		92%			- 1		.10	
ļ				C.				.*		9t3 - carb-ser (pi) mag (cp)	50		microscopic grains which	197		56%	96495	.04	2,001	2465	7+
l				- 1	-11.	1						2.00/0 li Mag. a	* may occurs as trains t wicroscopic grains which e along falm planes - ssociated with ep -	7//		"	1	- 1			
						200	26		L	L	90	٦١				20					

GIBRALTAR MINES LTD.

HOLE No. 86-25 SHEET No. 9 of 9

R	оск	TYPES	8 ALTERATION		GRAPHI LOG	q		:	FRACTURE	a. "	BOTTOM DEPTHS	1				ASS	AY RES	ULTS	······································
-		. 1			:	3 3 5		11.01	ANGLE TO	RITE	LEACH CAP	-	E-1	ROD	Sample	1%	%		Γ
	:			1 7 1 1	LOG	Valne .2 to Core	Width of Voin	Ulhara		ESTIMATED. % PYRITE	SU PERGENE AEMARKS	F.0143	Rocovery %		Number	Cu	Мо		Estimated Grade
			F.O.H 507'	Cren Str. 2-60		5-60	ז' י	qt3-carb-ser-mag(pη)(φ)	0 10 20 30 30 30 30 30 30 3	0.5 ~ 3.0 mag.		507	100%	76%	96496	./2	.001	، م	.14
			2013.						70										-
									O			·							
							·	4 2 3 4 5 5 6 7 2	p							-			
				4				2. 2. 3. 44 55 66 73 88 88											
						,		9 20 39 40 50 60 70 80											
								20 35 35 35 36 36 36 36 36 36 36 36 36 36 36 36 36											

GRID_ GIBRALTAR MINES LTD. HOLE No. 86-26 SHEET NO. __ _ of _ 8 LOCATION SAWMILL ZONE LATITUDE ~33.996.00 N OUTE COLUMIO ZZ - Aug - 86 LOCCEO M. G.D.B DEMATURE ~ 47 738 00 E 1"= 10' Date August 26 1986 REWARDS * this hale intersects the footwall of the West Boundary Fault ELEVATION_____ Z 903' GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE IMATED ASSAY RESULTS LEACH CAP ANGLE TO Core ROD CORE AXIS LIM. ZONE Sample Estimated Recovery -FREQUENCY-S4 PERGENE 23 % Number Cu Mo Croic REMARKS Casing To 66 MAJOR FAULT ZONE (66'-91') 11201 0 72 "solid gg" ,31,022 ND 7 11201 76 .3/ 98 79 2825 98 81 70 ND 85 11202 .24 -014 87 90 75 15 93 BROKEN & ALT'D 9t3-cp* 55 ZONE "def .15 % cu ego. soft elay alt'd qts diorite with numerous be somes and qq somes 9tz-enl-cp .30 11203 .40 ,022 99 - structure and ru type 75 gen. not distinct - this is the foot wall of the fault zone 40 <.57 .15? 43 11204 .040 (91-125) TOL

GIBRALTAR MINES LTD.

HOLE No. 86-26 SHEET No. 2 of 8

ROCI	K TYPE	S & ALTERATION	1	GRAP				FRACTURE	9 4	BOTTOM DEPTHS	-	Catimeted			AS:	SAY RES	ULTS	
-	T		13:	LO	4		1 1	ANGLE TO	IMATE D PYRITE	LEACH CAP	-	Co	ROD	Sample	%	%		Estimated
			Z 10 Core	Zollonia.	10.7 × 10.7 × 10.7 × 10.7 × 10.4 × 10	widin.	NIA.	-FREQUENCY-	6 ST 1 M	SUPERGENE AEMARKS	60000	Receivery %		Number	Cu	Мо		Crefe.
	-		15 str	120	60 X 2 80 2. 74 45 80	2" + 1 4" Y20 Y10 Y10	99 97 97 Mis = 93-cni-cp 975(cp)	0 10 22 30 30 40 50 60 70 80	3		112	78 85	٥	11205	٤٤,	.024		15
		FINE - MED. GRM. MINE PHASE	S1.	130	5 60 20 35+3	Je John Miles	Tts-ep-carb-ep ep-py(cp) ch1-cp ch1-cp2	0 10 20 30 40 50 60 70	.5		121 122 125,6 137	98 98 90 98	3	11206	, 50 	,018	37 2780	20
		QUARTZ DIORITE (125-3191) 20-30-/0 9ts 50-0/0 savs plag. 15-20-0/0 chil 1-5-/0 ep clots	35	140	50 43:2 30	/10 x 2 /10 x 2 /10	ahl-cp	0 10 10 10 10 10 10 10 10 10 10 10 10 10	0.5		134	98 98 98	6	11207	145	,014		. 25
		grn aise X10-X10" -rx is soft and mod. vuggy with fine dissem py-(cp) or py-(cp) along folin planes - only the longer veins are shown n. The structure min.	40	150	4042		qt3-ch1-p1 (cp) qt3-ch1-p4-cp + qt3-ca+b-p4-cp qt3-ch4-p4-cp	0 0 0 0 0 0 0 0 0 0	1.0		142	75	6	11208	.48	.018		25
		poss small steep Pault.	7.		1512	5' /5x2 2'	highly broken some	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	?		152	85 50 75	0	11209	,44	,040		7
			43 Str		60+25<2 + 45 20+60 + 45 20+30 25 x Z+10	1/10 43 1/4 ± 1/10			1, 0	-	105	90 75 98 85	27	11210	,47	,020	.46 2735 ·	35

GIBRALTAR MINES LTD.

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HOLE No. 86-26

SHEET No. 3 of 8

			1	GRAPI	HIC			FRACTURE		BOTTOM DEPTHS		T.		T	ASS	AY RES	ULTS	
ROCK	TYPES	8 ALTERATION	1 -	LOC	: 1 .	-	=	ANGLE TO	PYRITE D	LEACH CAP	4	Core	ROP	Sample	%	%		
÷	. •		L to Cor	Fellerion Allerellon Feelege	Structure Volne 2 10 Core	width of	Hinerelli	CORE AXIS	ESTIMATED ", PYRITE	SUPERGENE REMARKS	feete	**************************************		Number	Cu	Мо		Crose
			30		4° 50 30 30 5	У20 У10 У8 У4 У4	chl-carb-cp qt3-chl-cp qt3-cp(Mb) qt3-chl-cp qt3-chl-cp	O	1.0	·	175	18	27	11211	,55	<i>∞</i> 38		. 40
			Str.	180	30 x 2 35 x 2 30 40	/4×2 /3×2 /3 /10 /8	913-ch1-cp(Wo) = 2 913-ch1-carb-py-cp = 2 913-cp 913-ch1-py-cp				178	85						
		@ ~ 190' the re becomes st. finer grid and more sheared	25		3°	/% % % /o //	973-ch1-cp 973-ch1-cp 973-ch1-cp ch1-cp-py	0 10 20 30 40 50 60 70	1.0		185	90	20	11212	.54	.024		,10
		-it is still a QD but no longer resemble a Wive Prose Q.D.	str	120	19 40 + 45 43 40 × 2	1/8×2 1/2 1/10×2	1 0 to - chi-04 42	90			190	9,0						
			30		35 25 (15+20 20	1/2 1/8 * 2 1/2 * 2 1/2	9t3-chl-cp 9t3-chl-py-cp=2 9t3-chl-co-c-py-cp	9 10 20 30 40 50	1.0		196	9.5	23	1/2/3	.50	.028		. 30
			str	11 .	15 12 20 25 25	/4+/e /e /4 /4-/1	chl-ep city-chl-cy>	70: 90			199	98				,		
			30 ste		40+20+15 40+2 5+2 5+	1/6 x 3 1/10 x 2 1/4 x 2 1/4	4 + 3 + 4 + 5 + 5 + 6 + 6 + 6 + 6 + 6 + 6 + 6 + 6	20 30	1.0		205	98	17	(1214	.42	.018		. 25
			£tr	210	4			30 60 70 80			210	to						
			2		45 36	14	ata-cp (hast core eqts.cml-cp	ra:	٥٠٥		212	40	0	11215	. 64	.018	.52 2690	.25
				220 4)	50 70 90 90 90			221	0	<u> </u>					
			•c			30"	973-corb-p-1(ep) x 2 3	000000000000000000000000000000000000000	1.0			70	3	11216	26	,014		.20
				230	ن ن	12"	int-py-(cp) zone 7	0			230	75						

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GIBRALTAR MINES LTD.

HOLE No. 84-24 SHEET No. 4 of 8

,				1	GRAPHI	a			FRACTURE		BOTTOM DEPTHS	-∤.	l		1	ĄSS	AY RES	ULTS	
ROCK	TYPES	B ALTERA	TION]	LOG			!	ANGLE TO	IMATE D PYRITE	LEACH CAP]	Core	ROD	Sample	1%	1%		
				L to Core Follotton	7 of ego	الالا الالالا الالالا	£ £	ž	CORE AXIS	2 %	LIM. ZONE	1 : :	Recovery	" • -	,		1		Estimated
1	•			2 -		월 ***	width veia	1	-FREQUENCY-	E .	SUPERGENE	Piece.	7.		Number	Cu	Mo		Crose
				7 -	7.010110A	1114 1114 1114	,	Ì	/ ACOUE/AC/-	2 %	REMARKS	25			<u> </u>		<u> </u>		
				╂╤╾╾╂	11	50	12."	chi-carb-py(cp) zone	0					i	1	İ	·		
	`			1 1	11 1	45- 50 x 10	Y10-YEX 10	9+3-chl- P1 (40) x 10	10	1	1	l .	95	i	ì	1	100		
1				1 1		20	y ₆	qt3-chl-py (cp)	Q	ľ		234		}	1		حيدا		-15
1 .	.]			40	11 [2513	/8×3	ats-chi-py-cp = 3	40	4-0	Ī			3	11217	122	,012		
1 1				Str.		35 43	Y4+18+110	afz-ch-carb-py (cp) x 3	60		1		95	,	1	1 .			
1 1				1 1	11 "	3×3+45×4	You	9/3-ch1-74 (cp) x 7	70 80		į.	239							
]			1 1	1240	ŝi									 				
						ISAS	Y0+ 5	9t3-ch1-py (cp) x 5	0		[95		ļ	1			
)	ļ				11 6	45+60+30+20	V V.	atz-chl-py x+	20			244			1		1		
1 1				30		15 12	/10-/8×1 /2×2	9t2-(MO)+ 9t3-P1(CO)	30	4,0	[277		10	11218	.19	:012		.15
1				Mod			1/20- Y10 x 10	412-641-64×10	50	7,0	Ī		60		11218				
1 1				1 0		40×2	Yex2	613-cm- 64 × 10	0 10 20 30 40 50 60 70		1		98		1	l			
1	1					30 4 3	1/4+10+2	913-ch1-pyx3	80			249							
1 . 1					250			atta-carb-py	90			\vdash							
						20	1	atz-chl-py=3	10		·		95	•					
1	1				11 1/	15 ×2.	1/2 + 1/5	dis-cul-carp-by (co) x s	20			254					1		.12
	1				1 1				90	3.5				20	11219	, 2/	1008		• –
1 1	- 1			25 Str.	1	1		4 3-corb-cp-py	50	•		257	35			-		,27	
	i				1 15	4 "	<i>X</i> 4	413-60-6-47	70								,	- 1	
	1			- 11			Y4 x 3	9+3-chl- P1 x 2	20			260	98					2695	
						3 x 2 45 x 3		9t3-chl-carb-pyrz qt3-chl-ser-pyx3	0								İ		
1 1	ļ		1	- 14		13.73	//0 x 3	d13-011-7-1-64 x3	10			1						1	
1 1	1.		l	- 11	4				10:			- 1	98						.12
	I		- 1			i i	İ		0	3.5		266		27	11220	.19	,010		
1 1	- 1		- 1	25 Str			. 1	. k	0		Ī	-			i			1	
1	1		ĺ	"	I M	10+2	Y4 × 2	9t3-carb. P1 (p) x2	10	•			98					- 1	
	1		1	- 11	270		1	<u></u>	0			2,70							
						2513		9+3-ch1-pyx3	0			272	95	. !				- 1	
	- [1		1 1	70 ,	۱,"	113	0 0 0 0 0 0 0 0 0 0			T		İ	ļ				
				. 11	1 1/1	15	y10 [913-chl-m	0	. 1			98	20	11221	22	218		14
	1			25 5tr		40+6 20 5-1014	Your	93.01-844	0	4.6	ļ-	276			11441	,22	~ 0		
	-		1	24.	N.	2 - 10 x #	Yiox c	913-ch1-picp	0		1	ĺ	- 1	1	1	- 1	1	- 1	
	- 1		1	- 11		26/2 [y4,72	93. chl - py 46 93. chl - py (5) 63. chl - py (5) 43. chl - py (6) 43. chl - py (6) 24. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 25. chl - py (6) 26. chl - py (6) 27. chl - py (6) 27. chl - py (6) 27. chl - py (6) 28. chl - py (6) 29. chl - py	0	[· I	1							·
					ADD RCL		1/10+Y4 1/4	13-ch-py(cp)x4 17-ch-py(cp)x2 17-ch-py(cp)x2 18-ch-py-cp 13-ch-py-cp 13-ch-carb-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-cp 13-ch-py-(cp)x2	2				- 1		T				
	1		j		N	š i	% [413-cn1-ca-p-by-cp 5		-		1	96			1	1	·	
	- 1		- 1	- 11			37 !	diz-eyj- carp - 64-co	0	- 1		İ			ļ	!	.0/2		.25
				30			1.0.2	913-chi-py x3	2	4.0	1	- 1		33	11222	.24	.012	1	
	1			str.	L D	1	. 1	glackling at	o and a second	1	<u> </u>	287		- 1	1	I	1	l	1
	1		1		181	1		by- cul- 61 (0) +5		1		1	95	i	i	1		- 1	.
	1		- 1	- 111	290 1	20+1542+30)	110×3	9/3-01-1-14 (4) **	,								المستنشنا		

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GIBRALTAR MINES LTD.

HOLE No. 86-26 SHEET No. 5 of

POCH	TYPE	t ' R	ALTERATION		GRA				FRACTURE	0	BOTTOM DEPTHS	7			7	AS	SAY RE	SULTS	
700.	· · · · · ·	T -		┪┇:	ic	·			ANGLE TO	IMATE D. PYRITE	LEACH CAP	-	Core	ROD	Sample	1 %	1%	1	
		İ	and the state of	reliette	#	Volta Volta Ault	Widin	ŧ	CORE AXIS	E	LIM. ZONE	- 3 € € .	Recevery		Number			1	Estimated Grade
:	ŀ.		4.	7 2	Alleration	Single A	*	ė	-FREQUENCY-	2 %	SU PERGENE REMARKS		7.]		Cu	Mo		,
		├			 		<i>y</i> ₂	9tz-chl-ep-py(cp)	01	-	AEMANA3	+		 	 	1	 	1	
					Ш	36 2072 5 12	y2 y0,12	913.011-P1 ×2	0 10 20	1.		292	ļ	.[İ	1	1	1	-
		2	di di kacamatan		Ш	30	1/10×2	qtz.chi-pyx2	30	1			95	33	1		_		.10
				30 Str	Ш		Y2.	C.	50	2.5		297	,,,	33	11223	.09	.007		
			4 4 4 4 4 4 4		Ш	542	1/022	atz-cyl-baxz	70	•		21		1		1			
1.			<u>.</u>	1.23	111.	# 5.30	Y10+2.	ats-cht-pyzz	60 70 80 90					100	15 ± 7				
				1.	111	160	2."	atı	0				95					1	
i i				.]	Ш	5+20+15	Y10 x 3	9 7. ch - 24 4 3	20			304				l		.18	
				40	Ш.	45+80	34+1		30 40 50	2.5		334		23	11224		_	2600	,14
				Mod	111	20+15+60	Y4×3	913.43	60			507	40		' ' ' '	1/2	-007		
			•			30+2	X+2 /	ats.chl-carb-py(cp)x2 3 broken	70	· .	·		4			1	1	1 1	
				ļ	310	/ i5+10+30	,	3046	90			210	30			 			
						20+15	Y10 #3	gtz-chl-pyx2 + gtz-ca-b-py	0			1 1					1		
1 1	- 1			1 1			12.	93-chl-pyx2 93-chl-pyx2	30				45				1		51
]				to Str.	11	40	12	9t3-ch1-py(cp)	10	3.0		315		. 13	11225	118	,004		33
				""	Ш	KI.	ľ" l		20 30 30 30 30 30 30 30 30 30 30 30 30 30			l	90				,		1
			319		Ш_	45	ys 14"	gtz-cp chi-cado-py zone	0			378					1		
				├──┤	320	12	14"		0				90				†		
	- 1	QTZ	- CHL SER-		11	1)· [0			32.2					l		- 1
	- 1	CAR	B. SHEAR		Ш		l/ l/		0	ł		1	95	ı		. 14	.005		12
	L	ZON	= (319-381')	-70	Ш	\$60-70	> 10'	qt3- chl - carb (ser)-py(ep)		2.0		327	,	20	10626	1/2		1	1.2
		a 3	one of alth.	Str	Ш			704e 7	0]	į	321		1				1	-
].	shear	ing and minor	SI. Gren	330) [¹	2				95						
			lation				7	10	;			332		ı	1				1
			ortions of	1		A / '	/ . 1	/ [2	0	- 1	1	- 1	- 1	1	1			-	
	1 -		minerals vary	65	Н	65	10'	at see carbichil accol		1.		- 1	10	7	10627	.21	1006	- 1	,10
			qtz-ser-caro	Str.			\ \ \	9tz-ser-carb-(chl)-py(co) 50	ó l	20	<u> </u>	337		- 1	i				l
	1.	to c	nl-carb over). [1	/ <u> 7</u>		l	· [339	45	- 1	- 1	- 1		į	.
 			ntervals	 	340	1	(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u>'</u>										
	1:	a f	inely dissemble	-)	10					. 1		. 1	1		-	
	'	Poss	. Tournaline			70	10'	30		İ		- 1	85		_ [j	,14
	_	fine	مر (ده) طبعته	70		\	7 13	> qt3-ser-carb-py(cp)		2.0			.	13	0628	.19	.009		'''
		CCUT	throughout	- 11			\ \	60 70		- 1	-	347		i	1	1	'	.18	
	3	one,	ften along foly		350	1) 1	/ .) 90					80					2555	

GIBRALTAR MINES LTD.

HOLE No. 86-26

Kilong		GRID.		22.00	act		CIBICAL IV	FRACTURE	T	BOTTOM DEPTHS	T			47, 7	ASS	AY RES	ULTS	
ROCK	TYPE	& ALTERATION		LOG		-			1	LERCH CAP	-	Core	ROD	Sample	%	%		Estimated
			to Core		Yelns Yelns Auf	widih Vela	<u>.</u>			LIM. ZONE	- 1	Recevery		Number	Cu	Mo		Crose
		*	7 10		10 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	Lia.	-FREQUENCY-	2 %	SUPERGENE REMARKS		%						
·			ļ.,	~ .	<u> </u>	3'	9tz-carb vein	0		* in places the chl.	351					ľ	19 9 3 40 9 1	
	AT :					13)	20	İ	is bright green				j .				
						11.		40	1.5	(like maniposite)			27	10629	108	,004	3	10
	1.4		80 SI-	Ш	> 80	7	> carb-chl-py(cp) zone	60 70			missing	()						18
			Cren.					80 90			GIR.	90						1
	1. 1.			360		K	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							*	- 1		ey i	
				H.)	()	20		•								.10
	·		45-	11		10'	} qt3-ch1-carb-ser-py	40	2.5				23	10.030	.05	1002		
			45. 60 3tr.	11	} 15 ~60	10		0 10 20 30 40 50 60 70 60			367							
			3	11		} \)	80			<u> </u>	98						<u> </u>
				370	1	-		0			372			٠.				
·				Ш	45 = 70	17 - 1	()	20										.12
			45-		45-70	\>8'	> 9t3-chl-carb-ser-py(cp)	40	3.0			g .	30	10631	106	.,005		
			70 Str	Ш)	60				9.8	•			,		
			Cren		70	\\ 2'	¿ chlicarb zonc	80			380							
		381		380	3	5)	56 60 60 60 60 60 60 60 60 60 60 60 60 60										
					4012	1/10 12	ofts.chl-carb.py +2 ats-chl-carb-py	20				98				. ~		, 08
		FINE-MED GRH		Ш	30	T	913	50	t.D				13	10632	108	1003		
		DIORITE	ИР		40	/g 2"	9t3-chl-carb.py 9t3-py (sp)	10			387							
1 1		(381-452)		11.	?	2	ep-chl zone	90				98						
		grades to a DD in places but is		392	543	1/20 × 3	han	9			392						-07	
'		distinctly different			4		9t3 (ch1)	?o 3o 60 50 50									25/4	. 08
		from The Mine Phase			5,12	Y10+ Y6	9t3-ep-p1 * Z	50 O	1.0		397	98	37	10633	.06	,003	22/02	
		Q.D 20-30% chl.			40130	y10+2 Y8	qtz.chl-py x> qtz.ep-py	70	j		374			[
		10 - 20 % 9t3		400	\ -		9tz-ep-py	90				-						
 		t in places large clots and stringers of ep			3.		gts. ehl. py	70				98		. 1				
	1				145+30		of 3-chl-ep. pyx=	10					53		~	.004		.⊅\$
]		tex. with large (X0-X")					qtz-ep-carb-pyxz	0	2.0		407		-	10634	109	·~7	[
	l	plag. pheno's in a matrix of Finer gras (cataclastic detorm?)	- 11	l R	3 1		1	0						j	l		l	•
	1	matrix of timer gras		410	90445	110 x2	145. ch1- py x 2	ŏl l	i									

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GIBRALTAR MINES LTD.

HOLE No. 86-26 SHEET No. 7 of &

BOTTOM DEPTHS ASSAY RESULTS FRACTURE ROCK TYPES & ALTERATION LEACH CAP ANGLE TO Volns .2 to Core ROD Sample Year Street Core LIM. ZONE Estinated Width CORE AXIS Rocovery Croic Number Cu S4 PERGENE -FREQUENCY-2 % ٧. REMARKS much ep as envelopes around 9t3 and 9t3 913-carb-ep + 14 98 50 .08 atz-carb-ep-py 10635 .06 .003 1.0 9/3-chl-ep-pyx4 YIOX A De irregular ep - two distinct vain types are present; ats carb-py with ep halo's 9+3-ch1-py (cp) =2 41022 and qtz-chi-py. Most of the ep veins are 9t3-chl-carb-pyx 3 Y8x2+ Y4 98 qt3-chl-pyuz YIOX2 steep 28 .09 10636 1002 1.5 9 t3 - chl - ep - py (cp) No 427 1,0x4 qt3-chl-pxx 4 98 qt3-chl-pyx4 10×4 5x2+ 5042 432 gts-chi-py 1/5 53 .08 ,05 .003 10637 1.0 9t3-chl-pyx2 ND Y10 x 2 .08 95 2465 qts-chl-py xz 18-40 qt3 qtz-chl-py 95 10 ,004 .05 10638 ,12 9t3-ep-P1x2 1/8 × 2 1.5 NO \$+20 447 5 x 3 Xx3 9+3- ep - py x3 70+45 452 chl-corb(py) some 98 OTZ - CHI - CARB .002 .05 08 23 10639 (SER) SHEAR ZONE 1-0 80 457 (452-482) 80 577 .003 37 .06 .10 10640 1.0 Crea

and the second second second second second second second second second second second second second second second

HOLE No. 86-26 GIBRALTAR MINES LTD. SHEET No. 8 BOTTOM DEPTHS GRAPHIC ASSAY RESULTS ESTIMATED %. PYRITE ROCK TYPES & ALTERATION FRACTURE LOG LEACH CAP L to Core ANGLE TO % % ROD Core Sample width. LIM. ZONE CORE AXIS fallaste. Rocover Number Croic SU PERGENE Cu Mo -FREQUENCY-7. REMARKS 95 63 .07 10641 .003 12 2.0 75 476 45-75 chl-carb(py) zone Str. 85 482 .07 483 2120 95 .061,007 DARK GREEN 10 57 10642 486 80 2.0 FINE GRM atz-chl-pyxz 60x 3 Y10 x3 98 DIORITE (482: 507) 488 9t3.chl-pyx 3 160+30+60 913-ch1-PY similar to the above ex 3 1/0×3 carb x3 diarite but with a 9tz-carb-chl-pyxs 110.78×5 60-40×5 75 30-40 % chl. and 3 10643 .06 .004 12 2.5 no visible atz. - also 18×2 ots-chl-carb. PY x 2 497 st. be tex with ep. clots in chi- matrix The re in places 5.60 × 6 1/2-14 >6 carlo x 6 94 approacheds Cache Colo 目.70-80×4 9/3-ch1- p/(cp)x 4 9/3-ch1- p/(cp) 9/3-ch1- p/(cp) 9/3-carb-ch1-py x3 10644 14 110 x 4 09 Meta-andesite. 2.0 ∞ 80 507 EOH 507' Y10 ×3 200 .07

And the second s

HOLE No. 86-27 GRID_ GIBRALTAR MINES LTD. SHEET NO. ____ 01 _ 5 LOCATION SAWMILL ZONE WITHOU ~33 779 N CORE SIZE N. O. W. LOGGEO BT G.D.B. DATE COLLINED 23. Aug. 86 DEMATURE ~ 47, 531 E DATE COLLETTO 23- A UD -86 ELEVATION ~ 2, 8 95 ' news hole was abandoned intersect the projected ore zone. See below * GRAPHIC ROCK TYPES & ALTERATION BOTTOM FRACTURE LOG ASSAY RESULTS LEACH CAP E ANGLE TO Width Vota Core ROD Sample CORE AXIS LIM. ZONE Recevery -FREQUENCY-2 % S4 PERGENE Number Cu Mo Crose 7. REMARKS Casina To 131' 133 50 no limenite MAJOR FAULT 10 (99).61 ZONE 30 * this hale intersects 96251 .01 4.002 ? 137 (131'- 175') The West Boundary Fault Zone at 250-290'-another fault occurs 40 main gg zone at 131-175' occurs at 140-163' 20 -this also crosses a 10 99 ((64)) 145 rx change from 96252 Kint Kinoz 3 mainly cache Crk frogs above to mainly pale diorite frags below 85 -that is, the main dislocation may take place at ~ 160. 152 10 29 (bx) 20 96253 2 K.01 K.002 157 90 9g-b. 10 ? 1002 0 96254 ,01

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GRID_ HOLE No. 86-27 GIBRALTAR MINES LTD. SHEET No. 2 __ of __5 ROCK TYPES & ALTERATION BOTTOM DEPTHS LOG FRACTURE ASSAY RESULTS LEACH CAP Foliotion Feeting ANGLE TO Width . % % Cere ROD CORE AXIS LIM. ZONE Sample Estimate Rocover, S4 PERGENE -FREQUENCY-2 % Number Mo Crode Cu ٧. REMARKS 171 5 99-bx 25 175 175 D 96255 1.00Z 0 85 5 ' BLEACHED broken rock 177 90. 179 DIORITE (175-188) a pale grey med-coarse grn rx having a bleached appear. 90 185 0 ~ 25 % chl. 96256 0 1.01 1,002 50 187 ~ 10-15./o interstitual - 60-650/0 white plag 190 - the chl. appear chaulky and poorly defined 75 - this rx is a common rock change 194 121 99-bx 3 type well exposed south of 79-11 ? occurs @ ~ 196' 0 1.002 96257 16.3 85 198 FAULT ZONE (188-200') EPIDOTE - CHLORITE 85 1.01 BEDMONTITE BRECCIA ND 10 .05 a mottled coll-green epidote green and pink rx. consisting broken core < 0.5 205 3 2690 4,002 96258 1.01 50 268 of ep-pied. clots up to 3" dia in a predominately chloritic qt3 matrix. (200- 216" 85 9+3 4,002 96259 1.01 BLEACHED 217 DID RITE (206-231 30ne of strong shearing and poss similar to (175-188) 98 13 96260 . 01 4.002 227

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GIBRALTAR MINES LTD.

SHEET No. _3__ of _5

Compared Compared	1 222				GRAPH	ici .	T	7	7	7		-	J.,,C.E. 1	140	<u>3</u> of				
Compare Preparation Compare Preparation	ROCK	TYPE	8 ALTERATION		LOG			·		9 4		\dashv		.1	-	AS	SAY RE	SULTS	
Compare Presenting Compare Present C] [3 -	<u> </u>			3		7 7			E		2 5-010	1 %	1 %	T	T
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1	'			7	₹ £.	# 4	*	, vizi	-FREQUENCY-	2 %		ऻ ःः	7.		Number	Cu	Mo	1	Cross
Second Continued Second Seco					11	H 60	1/5	gts (blue)	101	 	REMARKS		-	 		_		 	
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Cast	1 .				11	7	2"	l atz	30	1		-	45			1		1	
Semilar to 200-216 240 240 250 2	1 · 1		CHLORITE BRECCIA	NÞ	11		l	1 ')	50	0	·	235	 	- 0	96261	10	1,002	4 .	0
Sept Sept	i l		1	- 1	11	4	j	/	60] .		ļ	1		1 .	1	1 .	l	
and also contained and also contained and also contained also contained and also contained also contained an	<i>i</i> .		Eimilar to 200-216	- 1	1124-	-	[. /	80	ĺ		239	05	1			1 :		ł
Also appears to be less chief and 182	,		and also contains		11240	 		- (-	 		
Also appears to be less chief and 182	1 1	- 1	sones of bleached	.	11 1	.]]			10				į		1	1		1	1
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## 1		1	lece chloritic and	чь					40	0		1	1	۱.,	10.0.0	1/1	1.002		0
CLAN ALTIN 25 25 25 25 25 25 25 2		i	more fragmentate this			<u> </u>			60			247		١,٠	76262	101	1.00		
CLAY ALTIN ZANIE (281-2891) Same as above but the ris soft appears crossed and is clay at the ris soft appears crossed and is clay at the ris soft appears crossed and is clay at the ris soft appears crossed and is clay at the ris soft appears crossed and is clay at the ris soft appears crossed and is clay at the ris soft appears at the ris soft appears at the ris soft appears at the ris soft appears at the ris soft appears at the ris soft appears at the ris soft appears at the ris soft appears at the risk appears are soft be a simple of a soft appears at the risk appears are soft be a simple of a soft appears at the risk appears are soft be a simple of a soft appears are soft be a simple of a soft appears are soft be a simple of a soft appears are soft be a simple of a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are soft be a soft appears are s		- 1.	is poss. a meta-vol.			<u> </u>)										4.01	1
Clark ALT'N 251-281') 20 252 254 75 254 75 254 75 254 75 254 75 254 75 254 256 256 257			Congression	-H	250	 				<u></u> .			74					2645	
ZANE (25 1-284) 100 25 75 20 25 100 20 25 100 20 25 100 20 25 100 20 25 25 100 20 25 25 100 20 25 25 25 25 25 25					1-1	·						252							
1	- 1			- 11	1 1			1	20				75			1			
Alt A 15 this part of the fault zone Alt		- 1	ZONE (251-289')		1		. [j	90			254				١.	,		
Alt A 15 this part of the fault zone Alt			same as above but	"			1	/	50	٥		253	801	20	96263	1.01	(002	1	· ·
Alt A 15 this part of the fault zone Alt	1	- 1	the wx is soft, appears	- 11			1	/ [70									í	
- The core is largely intact but appears. To be a symble of acquior tragic is a clayer shears. Clayer shears.			Crushed and is clay		260				0			1 1	1	ĺ	ĺ	1 1		-	
- The core is largely intact but appears to the allowed appears to t			of the fault zone?	- 11		- 1	1	no ven sir.	0				Γ						
Clopey shears So		ļ_	The core is largely	- 11	ΙH	1	i	or mineralization	20	- 1		1 1	98				1	1	
argular fings in a claying matrix Theorem cossily be broke by hand would along flat lying clayer snears. - actual gg. occurs at the contact no cossily to contact no cossily to contact no cossily to cost n		1 7		ио	l H	- 1	-	hunerous 70-90	0			1 1	- 1	- 1		l I		- 1	
- actual gg. occurs @ No 285-289 at the contact No - This sone is very likely a fault zone as a major rock change occurs at its base! Droken core 280 Droken core 29	j	17	To be a jumble of	- 11	П	ł		Control 2 Wells	0	°		217		23	96264	K.01	1,004	- 1	0
- actual gg. occurs @ No 285-289 at the contact No - This sone is very likely a fault zone as a major rock change occurs at its base! Droken core 280 Droken core 29			byer matrix	- 111	H		- 1	1 77	0	- 1				- 1				i	
- actual gg. occurs at the contact No 285-289 at the contact No - This some is very likely a fault zone as a major rock change occurs at ite base! Draken core 280 - This some is very 60 -			thercan easily be		270				0	- 1		1 1		- 1		1	- 1	1	
- actual gg. occurs at the contact No 285-289 at the contact No - This some is very likely a fault zone as a major rock change occurs at ite base! Draken core 280 - This some is very 60 -			along flat lying clover	- 111	П	1	- 1	5	2				F						
- actual gg. occurs @ No 285-289 at the contact No - This sone is very likely a fault zone as a major rock change occurs at its base! Droken core 280 Droken core 29		3	hears.	- []]	Н	. 1		72		- 1		1 1	92			1	- 1	- [
I this gone is very likely a fault gone as a major rock change occurs at its base! Description Polymer		-	actual gg. occurs @	. 111	Н	′	1	exerpt 3			1	1 1	1	- 1	- 1			- 1	
I this gone is very likely a fault gone as a major rock change occurs at its base! Description Polymer		:	185-289 at the contact "	" [[]	· H	1	1	random putches so		0.5				28	96265	(.0/ K	.0021		0
broken core 20 30 49 00		-	this zone is very	- 111	Н	1	1	\ 76	>1	İ		277		- 1	- 1		- 1	1	
tase! broken core 20 83			kely a fault zone		280 -			/		l					1	1	- 1	- 1	
broken core 30 30 83	- 1	0	s a major rock	- []]	H)											
		bo	ise!		- [1		1	(broken care 20		J		f	83		- 1	- 1	- {		
		1	j		1-1	1	-	1 30	1	_	, , , , , , , , , , , , , , , , , , ,		- 1		1				, [
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		- 1			i i	70? 4	:' .	19-bx	1 1	٠	İ		- 1	4	96266	601 K	.002		۰
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GIBRALTAR MINES LTD.

HOLE No. 86-27 SHEET No. 4 of 5

ROCK	ROCK TYPES & ALTERATION		GRAPHIC LOG			<u> </u>		FRACTURE	0 ,,	BOTTOM DEPTHS	T				ASSAY RES		ULTS	
			10 Core		2 0 g	4 5	ANGLE TO LERCH CAP Core R O D	Sample	% %		T	Γ						
:			L 10 Core	Fellerien Feelege Structive	Valla 2. 1- Cor 11-Arth	Width.		-FREQUENCY-	#1723 19 %	SU PERGENE REMARKS	f. 10.1.1.	#*c***********************************		Number	Cu	Мо		Estimated Croke
		QUARTZ DIORITE	g _o		\$o	10'	qts-chi-corb (meg)(pj)((cp))	0 10 20 30 40 50			295	סד	14-	9,0	. 7	.002	. 02.	.10
i		. Prob. Mine Phase . ~ 25% chl. ~ 25% gts	str	300			+ random gyp. veins	50 60 70 80	1.0	_			17	96267	.17	.002	26.50	.,,0
		15.6 ep clots 25-50.6 wk saus plag a soft dark med grn (Ylo"dia) rx which	45- 80		-45-80	10'		0 10 20 30 40	1.0		305	94	20		(4)	- 1		12
		resemble Mine Phase - soft, sheared and to	str. sl. Cren.	310			Tandom gyp. vens	40 50 60 70 90	(,, 0					96268	.14	.004		,
		predicted as yes	45 - 80	100	0+45150	1"+ /3+2	8+3 ((b) x 3	0 10 20 30	0.5		315	91	38	96269	.20	.004		.14
		- weak gyp-qts-mag begins at 289' and increases towards EOH - the main gyp-qts 3000 has not been reached	wĸ	320		1/2.1 2/2	je	6						, 6261				
		and the high Co values from the associated mag-cp(bo) are not expected. Pt is still	ţe	3 2 2 2	+60	/10 V 2	p. [3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.5		325.6	92	2.8	96270	./3	,006		.15
		present in the intersected " sone and therefore, the mag-cp(bo) zone is expected to the at a	***	330 10	y/ //s //e	y. 9	6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0				20		16270	./2			
·		deappr level,		9 4 5 5 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5	170 +30 1/1 10+70 1/10	-12 - 14 of	13-23		1.0		135.6	98	55 (16271	.07	.006		J2
				340 9000	1	2 91	y(cp) 66 52.2 77 32.(chl)(arb-yone 80 80 80 80 80 80 80 80 80 80			beginning of gts	┨.						.14 2555 ·	
	,			20 10 10 10 10 10 10 10 10 10 10 10 10 10	15: 45	2 qt	3 (cp) +2 20 3 + 5 30 3 - ma 5 40 3 - ch) - cp		0.5	Stockworks and fine dissem. cp.	16	0	• 4 9	6272	24 ,	014		.2 6

GRID_

GIBRALTAR MINES LTD.

	ROCK	TYPE	S & ALTERATION	1	LOG		T	Ι.		AR MINES		Borra		SHEE	No8 No	5 of _	5			
1 .		. •		L to Core Follotton		Velns .2 to Core	Width of	il o G		FRACTURE ANGLE TO CORE AXIS -FREQUENCY-	ATED EITE	BOTTOM DEPTH	s				AS	SAY RE	SULTS	
				7 2 8	A	7.	¥ 14	1		FREQUENCY	T I W	SUPERGENE	:	Recove	ROL	Sample	%	%		Calimeter
			FOH 351		TA		X ₂	gt3-chl-cp			3 %	REMARKS		ž %		Nemper	Cu	Mo		Crose
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	+									0 10 20 20 30 50 50 50 50 50				1					1	1
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					- 11	- 1			[<u>3</u>	0				1						
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GIBRALTAR MINES LTD.

HOLE No. 86-28 SHEET No. ____ 01_8

LOCATION SAWMILL ZONE LATITUDE ~ 34-049 N LOCCEO M G.D.B 503' OUTE COLLEG 21 - Aug. 86 DEMATURE ~ 47, 253 E Dec. 1. 1986 DATE CONTENTO 25 - Aug - 86 ELEVATION ~2.896 " REMARKS # See remarks column. GRAPHIC BOTTOM DEPTHS ROCK TYPES & ALTERATION FRACTURE ASSAY RESULTS LOG LEACH CAP ANGLE TO % ROD % Core Width Vola Sample LIM. ZONE CORE AXIS Felimeta Recover S4 PERGENE FREQUENCY-Nomber Cu Mo Crade 7. REMARKS Casing To 125 FAULT ZONE broken alost core 60 40 . 01 (125'- 149') Mod most rx frage and this hale intersects a good section of Cache fine to apparitie 30 Creek rxs including -70' of limestone, and brown weathering rx. but changes within 101 broken a lost core extends through the West 7 60 .01 underlying meta-andesite Boundary Fault and -this zone is also one of greatest core lost + gg development and into the Wine Phase 50 Into The Hime Mase
Q.D. - another capit some
unas intersected at the
sortace (125-144) this
may suggest major toult
systems are precent
uses of the W. Boundary may be The zone of major dislocation (95)-b+ + ~7' lost core 5 .01 Fault - considering the str. 30 amount of broken and ga'r er in this hole 20 Detween the two faut - other holes drilled to the west support this idea DARK GREEN 55 META ANDESITE (149- 2391) *Y*₂" chert-mag - note that two faults a typical re. of the 50 were also intersected local Cacho Creek Gro. chert-mag in 86-27, an upper zone and a lower zone with broken gg'y rx in between - a fine grn ry showing conding imported by alternating dk green chi. rich Bands and dk grey feldspathic bands, or bards of light chert.mag 60 20 grell qt 3-carb. Laninge Vio and 1/2" thick. 10, highly broken core O Ol 0 167 are; chert bands (2) were moted with a seem mage

GIBRALTAR MINES LTD.

HOLE No. 86-28 SHEET No. 2 of 8

RO	CK TY	PES & ALTERATION] _ [GRAP	HICI G I			FRACTURE	۵ ,,	BOTTOM DEPTHS			T	<u> </u>		SAY RE	Sitt TS	
	.		3		. 1 -	4 5		ANGLE TO	IMATE D PYRITE	LEACH CAP		Core	ROD	Sample	1%	1%	T	
	:		L to Corr	Aiferette	Slevethre Volha	Width .	Ulast	-FREQUENCY-	E ST 1 14	SU PERGENE REMARKS		7.	-	Number	Cu	Мо	<u> </u>	Crade
		: This unit is interpret		Ш	1	5 !	broken + lost core	O 10 20		Acmana .	171	1		 	┼	 	 	
	1.	sequence of tuffs +	80 str.			5	broken + lost core	1301			174	30			1			
		to be a metamorph. sequence of tuffs + volcanic seds, chiefly of andesitic comp.	sh.					40 50 60 70	. •		177	So.	3					.01
		- this unit is heavily		180	100	3	98-pr	70 80 90				45						
1		faulted and difficult to log (see RQ.D.) - it		\prod				0	·		180	10						
		may be a series of fault wedges related	70 Str	\parallel	1	2'	99-bx.	20 30 40			183							
		fault wedges related to the West Boundary Fault zone - at 225	.		넵			40 50 60 70 90			187	30	0					.01
	-	the rx. changes somewhat		190	5-80	3'-4'	chert-hem(spec) chert-hem(spec)	90			788	50						
		and in places contains clots of ep			5-25	3'	chert (carb) ((py))	0 10 20 50				20						
		- the chert-mag and	40- 45					10	≺.s		194		3		1			• ;
		of interest - could this	str									40			·	- 1		.,,
	-	be of exhalative origin?		200				0			199							
						1	1/2 <u>1</u> /2	0	1		1	80	•		- 1			
			45- 60 5tr				13 14 13	21 1	0		206	1.	7					اه.
			-H	1	?	4'	and by bom				1 1	50				- 1	- 1	
				210			99-bx-hem 23					1						
] 3	5-		10	5'	39-bx-hem 25					55			-		1	
		4 5	5: 25	H	1		50		•		215	j j	0					10,
				220	?	30" 9	9-61 9-61				218	60			1			
			$ \prod$,	,	10		_		2.20	35	_	-+				
		?	$\parallel \parallel \parallel$	12		·' 9:	30				225	00						
							50 60 70	٥			- 1		7					,01
		<u> LL.</u>		30 [90 30					30					1.	

GIBRALTAR MINES LTD.

HOLE No. 86-28 SHEET No. 3 of 8

ANGLE TO CORE AXIS LIM. ZONE LIM. ZONE LIM. ZONE LIM. ZONE SUPERGENE Number Core Number	0000	TYPE	S ALTERATION	1 "	GRAPHI	q ·	.		FRACTURE	0	BOTTOM DEPTHS			l	1	ASS	AY RES	ULTS	
Superaene Supe	ROCK	11763	A ACTEMATION	1 = -		j .:	-	¥ .	ANGLE TO	316	<u> </u>	4			Samele	1%	1%		
Superaene Supe		ļ. •		0 =	<u> </u>	3 503	55	₩	CORE AXIS	1 2	<u> </u>	- 5 :	1	-	1 '				
4' highly broken core + 10				13.31		3 7	¥ >	eg.	-FREQUENCY-	5 %		- ::	٧.		Number	Cu	Mo		Core
4' highly broken Core + 10 20 20 20 20 20 20 20	1 1				22 2.	"		7		-	AEMARAS			ļ	ļ <u> </u>	 	 	 	
1 1 1 1 1 1 1 1 1 1					-	.1				1		231	ļ	 					Ì
NK 5 braken-hem stained 300 300					11 1	1	4' .	highly broken core +	20	1	1	234	10		ľ	1		1	_,
239 240 5 broken-hem stained 30N 60 70 80 80 80 80 80 80 8					11 1	4		23		. •				3					,01
239 240 240 240 240 240 240 240 240 240 240				Nr.		3	,	L.J. L. L	60	1			00		İ				l
240 240				1 1	11 8		5	- t	70				80						
BANDED QTZ-CARB. grey cherty sone 10					246				90		<u> </u>	240			ļ				
			BANDED QTZ-CARB.		11 1	1 (1	,	grey cherty some	0				90						
	1		CHLORITE - SERICITE		11 1	:	6	(20			143							`
1 UNIT (259-315) (6		[UNIT (239-315')		11 1:	1 1		\	ю	. 6		245	80	0					10,
- Aprical Cache Creek			- typical Cache Creek	\$10		ار ا		· . 18					70						
						50	4	913-carb-ser	0			249							
Lassumed to represent 1/250 D		l.	- assumed to represent		250			<u></u>	10			 							
a sequence of meta. Sedimentary rx.s Chiefly of volcanic origin and			a sequence of meta.	1			1	1/	o				. [,		l		
of volcanic origin and 1 60-80 7 9t3-carb-ser 30	1 1	l	of volcanic origin and	1			_,	12	2				90	ı					
	1	1	ranging from rhyolitic	60-		60-80	1	913-carb-ser	o				1	10				1	,01
1 landastric members St. 11 m		1	and action members 1	≤\.			1	<u>5</u>				257		I			.		
1 14 OC as those the overal Cvin 11 Li			A Office biscome The Avers I	Cven			_,	[7.	2			1 1	.	- 1			1		
lying unit in that they 260 60-70 3' 9t3-carb-ser-chl 60			lying unit in that they		260	60-70	3	973-carb-ser-cwi	o l				ļ.						
hying unit in that they are strongly banded 260 60-70 3' qt_3-carb-ser-chl 60 90		-	with equal laminae				3'	9+3-carb-ser-chl	<u>}</u>	- 1			90	1		[1	
10t Chil. and 973-carb. The lawwae in this 20? 12' at 30		10	of chi. and gra-earb.	- 11		?		2	0					- 1			- [- 1	
The laminae in this unit ranges from yzoto 40- 20? 12 9ts 30 40 20.5		- 1,	unit ranges from Yzoto	40-			'-	913	9	4 0.5			- 1	3	İ	- 1	- 1	- 1	,,,,
[X" Thick which the str 30" chert carb - made of board		()	I" Thick which the			?]:	30"	chert-carb - magley band	3	i		267			- 1	ì	i	i	
ats-carb. bands Triding to be lensaid with. The Chloritic and Seneith 270 4' ats-carb.chl 80 70 80		1	773- carb banas enough	- 11	1 1	1	1	ata carb chi		1						1	1	- 1	
The chloritic and senated 270		1	the chloritic and sencitio			L		3	2			\vdash	-						
material moided drown each less The carbis usually light brown weathering 80 str 80 91 91 913-chlcarb 50 10		e	material moided around	- 11		6.	2"	its -carb (cp)			·		4.0		1	1	i		
The carbie usually		1	The carb. is usually]]				/ 20	;		/		"	[- 1	1	ļ		
light brown weathering 80 80 91 9+3-chicarb 10		1,	J 4				3' .	ota-chlecarh		٥			1	10	ł	1	- 1		.10
Sherry Sherry Core is soft and 277		- 1				**	'	(66		l	(2000)	277			l		1	j	- 1
1	1	- 1		- 11		- 1		dk grey 70		- 1				- 1			ł		.]
280 E (ch -not 30) 3 rable					280			(chl - not 190			3770010		⊢						
10 80-90 10 973-chi-carb 10 973-chi-carb 10 10 10 10 10 10 10 10 10 10 10 10 10		1	ļ			1	- 1	dk green 10		1	i		7.		I	İ	ŀ		į
]		. []		· }-	j.	also-white 30				l	15	-			. [Ì	
80-90 10' 973-chi-carb carb of		j				80-90 1	0'	qt3. chi. carb carb not 10		0	1	-1	- 1	0	-	- 1			
50r	1		1 3	37~	8			to cothering 60		- 1		287			-		ı	- 1	l
		İ			目	1	1) 170 BO			1	- 1		- 1					·]

GRID_ GIBRALTAR MINES LTD. HOLE No. 86-28 SHEET No. + of 8 GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE ASSAY RESULTS LEACH CAP ANGLE TO % Core ROD CORE AXIS LIM. ZONE Somple Recevery SUPERGENE -FREQUENCY-Number Cu Mo Croic % AEMARKS 70-80 str 85 9tz.ch1-carb 0 , 01 9504 ch). core is soft s white 85 friable carb. 70 10' qt3-ch1-carb .str ۰ ٥ .01 307 0020 10-60 0 GREY LIMESTONE 17 . 01 UNIT (315-351')
a pale to med grey
fine grn rx with fine
microscess parting the
color is due to a ak
grey dust scattered 317 95 Throughout the rx and 20.5 01 50 in places defining a weak folm - also present is finely dissem by.
-the rx fisser readily we. 327 in wk HCI. 95 . this appears to be a limestone not marble + the mica parting prob. tepresent bedding planes-2 05 53 337 that is attitudes in the foln column may be bedding angles! 95 Z 0.5 17 01 351

GIBRALTAR MINES LTD.

HOLE No. 86-28 SHEET No. 5 of 8

ROCI	K TYPE	S & ALTERATION	1.	GRAPI			<u> </u>	FRACTURE	6.0	BOTTOM DEPTHS	7	Commetes			A5	SAY RE	ULTS	
		ŀ	Z 10 Core	1 E	Yeles Ante	<u>.</u> = =		ANGLE TO	IMATE D PYRITE	LIM. ZONE	┨.	Core	ROD	Sample	%	%	T	Estimate
			7 -	7.0100	Sirvetyn Valm 7. 1. Co	Width	Bh.	-FREQUENCY-	65117	SU PERGENE REMARKS		7.	''	Number	Cu	Мо		Grede
		MIXED CALCAREOUS UNIT (351-370') a mixture of the overlying	80		i 70	12" 6" 2/6"	scarm? - (py) (sphal) (cp) - find, qq-ba qt3-ch1-cp-carb	0 10 20 20 30 40 50	0.5		-	95	20					.01
		limestone and other impore calcarcous sectiments - poss cut by various qts-carb vein systems - also includes some white		360	-	2'	chi-scarn	60 70 80			357	95						
	·	marble - folio angles are clearly bedding angles	80-			112	1 1	0 10 20 30			362							
			40 WK		70-30	3'	brown carb-chl zone	10 50 50 50	₹ 0.5	·	367	90	20					۱٥,
		WHITE MARBLE		370	?	2	brown-carb-qtz zone	0			 	90						
	-	(370'- 390')	NO			31	broken 3 one 3	0	0		375	,,,	33					. 01
		no structures or bed- planes contains gt which is also white and , diff to estimate yo's		380	-		17: 12: 19:	2				45						
	-	at 390 the marble passes bruptly into a dk arean	40			ד'	highly broken Bone 350	2)			383							
	6 7. 0. 5.	at 390 the marble passes, bruptly into a dk green, hi-ep bx., assumed to present a meta-volonic orglomerate (typical type ere). This is not contact!			· .	3'	160		•		387	20	20					١٥٠
		MAJOR FAULT		390	<u>}</u>	3	healed bx? (marble appears 80 Shattered and heal by a Meteral 10				-	-						
	F 3	ZONE (390'-468')) his is a highly broken one which several irong gg. Zones and	ξ'	मामामागुन	?	٤.'	See See See See See See See See See See		3		397	85	0	96551	52	4.002		3
-+		rong gg. 3 ones and lort secs of intact but ciable rx. Whost of the rx appears		1∞ 1			80 90 90 10					L					<u> </u> -	
	w\	balong to the chief ount with some own onch typical its andesite - a ite qts-porp (p) unit curs @ 437-447'		2/2/2/2/2	?	10	29-bx (dissim py ix 50 50 60 (dissim py ix 50 50 60 70 80 80 80		?10?		407	80	0 9	6552	06	2002		?
				110			80 90										1.	

GIBRALTAR MINES LTD.

HOLE No. 86-28 SHEET No. 6 of 8

ROC	K TYPE	S & ALTERATION		GRAPHIC LOG]	1		FRACTURE	9 4	BOTTOM DEPTHS	7	Cotomotos		T	AS:	SAY RES	ULTS	
			10 Cert	: ·	100 A	£ 5		ANGLE TO	IMATE D PYRITE	LIM. ZONE	┥	Core	ROD	Somple	%	%		Estimoted
:			L to Core	Foliation Allevetton Footogo	7.7	width	ula.re	-FREQUENCY-	6 27 P			Recevery %		Number	Cu	Mo		Cross
		- the main dislocation appears to be no	·	12442			1	0 10 20			413	60						
		147' with the abrupt change to medigan. qts-diorite frag.s	3	7117575175	?	10'	gg-bx + ~4' of lost core	50 50 50	1.6?		418	6 5	0	96553	10,	4.002		.05 ?
-		-this change could also have taken place at 437' with the		420 8			[8]	0				60					·	
		first appearance of ots porp. depending on whether the Q.P. belongs to the Cache Crk res or to the				10	[2	0	2.5 ?		423	90	0	96554	,01	4. 002		.05
		ats-diorite - assay values may resolve this		430	-) 0 9 0	0			431			· · · · · · · · · · · · · · · · · · ·				
			?	्रा म्हानाहर		101	39-bx 39-bx		3.07		137	80	0	96 555	.°5	, 002		.05
			$-\parallel$	440			strong edissam. 90 PY with 0 p.P. 10	1				-						
			?	273 (5) 5 7		10	bx-gg +~ 5' lost core 40' 50' 50' 50' 50' 50' 50' 50' 50' 50' 5	7	3,o?		447	60	٥	96556	,20	.010		.08
				450			90 90 0				151	50						
			7	-) का जहार		10' E	0x-gg + 5-6 lost core 40: (first cp seen in frags) 60: 70:		2.0	2	157	40	3	16557	15	014		(a
			-	460		·	90 90 90				_	-						<u>·</u>
			,	1-1-1-1	- -	,' b	20 20 20 20 20 20 40 50 60	1	.0		67	55	0 9	6 55 8	.39	.014		.25
				170 2 40 *	· 2 /2·	,,3 9	3-chl-cp x 2 80 3-carb-cp 80			* 1/2" solid ep								

GIBRALTAR MINES LTD. SHEET No. _T__ of _8 GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS FRACTURE LOG ASSAY RESULTS LEACH CAP ANGLE TO Allegilon Allegation Core % % Sample CORE AXIS LIM. ZONE Estineted Recover -FREQUENCY-S4 PERGENE Number * Cu Mo Crede 7. REMARKS FINE-MED GRN. ŔФ 473 ats-chl-cp QUARTZ DIORITE 60-70 (468-503) < 0.5 fine dissem. ep(ba) 30 96559 .34 014 ,25 99.bx typical Q.D. as intersected in nearby holes (ie 86-22) but 21. Finen grad. 477 9 3- mag(cp) ~ 25 0/0 ~ 20 0/0 chl 25 ~ 40 0/0 plag (wh saus) 483 ~ 15 % ep. as clots + 99-bx <0.5 33 010 .15 2 20 O 96560 -: this rx is within 487 qts-mag (co) qts (co) or close to the gyp-qts intersected in 80-23. 99-bx 9+3+9+3-mag 85 179 - 173 - 70 42 493 fine dissem 70 /8=2 /8 /10×2 ~ 1/4 solid ep < 0.5 wĸ . 25 cp(bo) . 21 20 004 96561 98 Yzo-hlexs 45.53 0 ehl-cp x3 40+2 Y10+2 gyp.hem + z 96561 30 004 503 8.013. 90 20 30 40 50

HOLE No. 86-28

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GIBRALTAR MINES LTD.

HOLE No. 86-29 SHEET No. ____ of _8

		SAWMILL ZONE			[MW0	- 			~ 55,509		COAC 242C						<u> </u>		
-	ATE COLL	meo 26 - Aug - 86							~ 48, 442.	10 E	SCALE OF LO						04.17.		
0	ATE COM	100 26 - Aug - 86			·	•	CLEV	ATION	~ 2,9/5'		REMARKS VO	ch for	recove	ry and	Law R	0.0.1	the h	<u>hout w</u> ole.	sost ot
800	TYPE	S & ALTERATION	7	GRAPI		•	T .		FRACTURE		BOTTOM DEPTHS	T	T	T	T		SAY RE		
- AUC	1 1172	J & ACIERATION	1::	Loc	ے ل	=		I	ANGLE TO	RITE	LEACH CAP _	_	Core	ROD	Sample	1	1%	T	T
			7 10 60	Alleyelles. Fortege	2) 17 7 11 14 14 14 14 14 14 14 14 14 14 14 14	Widin Vela	Z lassetti		CORE AXIS	# \$ 7 PY	SUPERDENE -		A.c,	1	Number	Cu	Mo		- Estinata Grade
		Casing To .					/		0 10 20 30			54							
	·	QUARTZ DIORITE	30 Mod		? 15+3 20 30 × 2	2' 1/4+1/6 2"	9+3-04 9+3-04-00+0 (00) + 9+2 01-00-04		40 50 50	1.5	no limonita zone	57	90		96326	, 14	.004		,1 %
		(54'- 501')		60	30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	chl-ep.py etg-earb-(py)xz etg-earb-en(cpy)Kep) etg-earb-ey	18	90				85						1
	 	- med - fine grn size			/ 3.	1/20	CNI- Cp	- 7	0			61	 						ŀ
		- could casily be called a diorite as of is not conspicious (2 Yzo dia)	1 24		3512 15+20 20	1/2012 1/202 1/3	4+2-645 4+2-64x5	1	96 90 00 80	2.0		67	90	27	96327	.20	. 009		.20
		~ 20 % chl ~ 20 % interstitual qt3		70	50 : 6	注"	ats-ent-ca ats-chi-carb-in chi-carb (py)(rp) zone	2	0				50			<u> </u>			
		10-15 % wk. saus plag	50-		70 90 70+80 70+30	1/2 1/3 1/4+1/3 1/10+2	ats-cure of (cp)xs of (cp)xs	4 6 2	0			73							
		-core has a soft	70		70	2/s /8	412 413	34 54 54 74	0	1.5		71	85	27	96328	19	.004		.18
		vuggy appear and py (co) which is offer with vuggy ap clots		80	25	1/20 = 3	etts (cp)	90	2		·							<u> </u>	
		or stringers. - a riso' to East the core becomes this with the incre in corest	+5		35 + 3 + 3 + 5 + 9 +	10 + 74 10 120 13	en; -64 (44) d; 2-c+; -64 en; -61 + d; 2-c+; -64	20 30););	7.0			95	50	96329	.09	. 005		.16
		chi and a decrease in et saus is still present however is this the reverse of Boning seen	wx		2-10 12 3015 80 12	1/10 1/4 1/6/13	atacon-phas atrono-ch cylph	30 70 90				37		35	70521	.5,		.16 2825	
		in 79-17 etc.		90	13 + 40	Y10+2 Y20A2	qt3-ch1-fy (cp) x 2 qt3-ch1-fy (cp) x 2	8088888				94	48					2063	
			40 WK		35.40.45	// 3 // 3 // 8	973 973 580- Py 473-chi-py(rp)x2	95 370		2.0			100	30	96330	.16	. અ3		. 15
.	1			1 6	5-2	,	canpreo	60		-			-	- 1].		1	. 1	

GIBRALTAR MINES LTD. SHEET No. 2 of 8 BOTTOM DEPTHS ROCK TYPES & ALTERATION ASSAY RESULTS ESTIMATED % PYRITE FRACTURE LOG LEACH CAP Zeiteite Zeiteite Zeiteite Zeiteite ANGLE TO % % ROD Sample Vela Age Width . Core LIM. ZONE CORE AXIS Estineted Recever SUPERGENE Crose -FREQUENCY-Cu 7. REMARKS 4514 1/10-120 x 4 9+3-ch1-p1=4 101 710×2 Sx 2 chi - py xa chl. carb.py 413-chl-carb-py (cp) 413 413-chl-carb-py (cp) x 3 1/8 .15 50 73 7013 1013 90 2, 6 23 96331 .14 10×3 WK-.016 107 qtachl- +y (ca) =3 y4x2 45+60180 1/3+ 1/4 + 2º 9/3(04)+3 913-Carb (py)
913-Carb - py (cp) 3000
913-Chl - pol (cp) x5
913 ((cp) x2 60 60 60 XS 90 114 5 × 2 1/4=2 .14 qtz-chl-py 70 5+60+40 /s //o×3 2.5 23 96332 .12 009 9+3-CN-PY (CA) x 3 40×2 1/8×2 qts (cp)+ qts.chl-py 95 40×2 Y8 x 2 9/3-chi-carb pyx2 1/4+ Yto 9t3-chl-carb-pyrz 0 10 20 30 40 121 1/3 of 3-ser-py (co) 90 1to (mag) Cop) 125 .15 2.0 008 17 qtz-mag(cp) 96333 bot1 973-cp 110- YEARS ato ell-prac ofs-chl-py (cp) 95 131 broken core .18 90 Mod 2780 3 1.0 96334 004 ,12 137 11012 ats-chl- py 40 140 broken core .10 50 Mod 9 t3 (cp)
9 t3-ch1- py x2
9 t3-mag(cp) 1/4 1/4×2 .18 .004 2.0 30 96335 35 × Ł 4052 . Bo У₁₀-13 Уз

1.5

9+3

1/20-1/10x 5

dj3.corp.ch

4 23-ch - bd x 2.

GRID_

45-35

HOLE No. 86-29

150

155

95

96336

17

.14

007

.15

GIBRALTAR MINES LTD.

HOLE No. <u>86-29</u> SHEET No. <u>3</u> of <u>8</u>

ROCI	TYPE	S'S ALTERATION	7	GRA	APHIC			1	1	BOTTOM DEPTHS		SHEET	No	3 of	_8			
		1	┦┇:	1	06	-		FRACTURE ANGLE TO	75	LEACH CAP	\dashv	c		1	AS	SAY RE	SULTS	
		1	2 2	===	7 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	widin Vein	-	CORE AXIS	IMATE I PYRITE	LIM. ZONE	٦.	Core	RO	DSomple	%	1%		
-			Z to Core	10.4	Sirections Sirections Value Anna		1100	-FREQUENCY-	2 %	SU PERGENE REMARKS		7.		Number	Cu	Mo		Croic
			1		20×2	Y3+ X4=0" Y4+Z2	dt2-cul-b4 xs.	0	-	AEMAAA3	+	 	├		- 	 	 	-
1.				$\parallel \parallel \parallel$	1513	Y10-78-3	gta-cm-pyxa	20	1			85		1		1		l
			60	III	1	3.4		40	2.5		165		27	64.000		200		١
1.00			WK.	Ш	25.2	Y10x2	atz-chi-pyez atz-cato-py(cp)es	0 10 20 30 40 50 60		ŀ		30] -'	96337	12	.009		.12
			1	117	10 + 80 10 + 50	X0, KT	9tz-cul-py(cp)xz	90		· ·	168	 						
	- 1			Ш	120	Y 9 14		0			┼─-	60	<u> </u>					
1 1	- 1		5.	Ш	4	1,000		20			173							
	1		Moa		40-45+4	Yiona	4t3-ch1-py(cp)	40	3.0			42	10					۵۱,
			1 1		to+35	18×2	ato-chi-py	60			רכו	90	10	96338	16	.013		,,,,
				180	13	1/2	4ts-chl-py 4ts-chl-py(cp)	0 10 20 30 40 50 50 50 70 70							1 1		.15	
	- 1		1 1	Ш	45.5014	1/4 /					\vdash	85		 			2735	
1 1	.		1 1		\$0+35	1/1012	9tz-carb-py-cpx>	20			183			ļ		-	- 1	
1 1			50 Med	Ш	2072	y,000	1t3-cin1- py x 2	D	3.0	j		15	13	96339	.15	010	- 1	.14
	- 1			Ш	50		(12(6)	60		1	187			76551	1,3	.018	i	, ,
—			L 1	190	25		tz-carb-sev-py(cp)	20				98				-	1	
	- 1				512		1-3-ch)-64 x =	0			190							
1 1	.		30				pts-chl(cp) pts-chl-py	20	- 1	1		60	- 1				- 1	. 1
			*)%				9t3-cn1-py x3	0	3.0		194	95						
1 1		I	- 11		1100	Yo .	13. Mo-py	0					17	96340	.16 .	011		.12
			$-\!$	1200	I	Y *3	1+3-ch 1- py x 3	0			.	90	- 1	1		1		
		1	- 11	1 1	25 20 > 3	10.3	to schl-py(ep)				200							
	- 1	1	34.		113 x 4 + 45		t3-ch1-py = 5			1.		70			1	- }		İ
		j	W14		3000	100 9	t3.ch-p1x6 50		3.5		104		33	96341	17	007	1.	, ro
			- 111			6 9 ⁴	3.chl-py 7c					90		, 55,	13			- 1
 -				210		1042	3-641-14			2	10	1				- 1	1.	1
				V.	<i>i</i> 1	10	3-14-corb-p4-cp 0											
	-		4.	1	15 2		3-sev-ch1-py 30					35			- 1	- [- 1	- 1
	1		WK		25-30 x6 /	o-Yioxa 9t	3-chl- py 26 50	4	.0	2.0	6	١	0 9	6312	15 .	005		.10
	1	. 1			45 1	1 9	3-carb-cH-py 3one 80						Ι.	- 3.2	- 1.	20	- 1	1
			112	170131			50										<u>l·</u>	

GIBRALTAR MINES LTD.

HOLE No. 86-29 SHEET No. 4 of 8

100 100					JCDAC	ıci	7	T				<u>`</u>	,,,,,,,,,,	710	<u>+ 01.</u>				
## PROUNTY 1/3 CAPPEN 1/3 C	ROCX	TYPES	S & ALTERATION	_ _	LOG	4		<u>.</u>		0 9	BOTTOM DEPTHS		E			AS:	SAY RES	SULTS	
## PROUNTY 1/3 CAPPEN 1/3 C				3	5	를 포하는	2 4			PA T	ļ	┥.	1		Sample	%	1%	T	
147-30 6 Physical challenge (20) 20 20 20 20 20 20 20 20 20 20 20 20 20				- =		\$ ***	, ž		1	1 2 2		⊢ } : :					1		Estimoted
## ## ## ## ## ## ## ## ## ## ## ## ##		•		140	₹ ₹.	<u> </u>		i	-FREQUENCY-	12 %		1 8 8	7.			Cu	Mo		
## ## ## ## ## ## ## ## ## ## ## ## ##					111				0			1202	80			1			
12 15 16 17 17 18 18 18 18 18 18	1 1			45.	Ш	45-30	6'	9t3-carb-chl-py (cp) 30me	20	7		1222		1	1	1		.15	
12 15 16 17 17 18 18 18 18 18 18				30	111		ľ		40	3.0		221	85	23	96343	1.15	.013	2690	,12
10 10 10 10 10 10 10 10	i 1		,	Ste	1111	3			60	1 .			98		10015				·
10 10 10 10 10 10 10 10	i .l				11220	40	Y4	4+3-Mo	80	1									
### 13				1.		10	<i>Y</i> ₄	973-81				-	95		 	 			
10 10 10 10 10 10 10 10		1	ni nathasanasanat c	est on such	51252	Arteria arteria.	/8 2.7	qtz-carb-cp	20	1		233							
10 10 10 10 10 10 10 10	i 1	ſ	to an approximately				76×6	9+3×6	30 40				90		0.011			1 1	.12
240 4	i 1	- 1	I may recover a management of a second				/s ×	9tz-chl-py	50 60	3.5		236		. 10	76544	1.13	,007		
10	. 1		22 48. 10.212.			7		qts (mas) x 2	70 l 80 i		,	239	90			1			
15					240 /	1									ļ				
10 highly broken care 40 20 20 30 40 255 3 96346 11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .12 .13 .12 .13 .12 .13 .14 .15 .1	. 1					2.	1/10	9t3-sev-py * 2	10				70		1				
10 highly broken care 40 20 20 30 40 255 3 96346 11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .12 .13 .12 .13 .12 .13 .14 .15 .1					11 1		.		30			244						1	
10 highly broken care 40 20 20 30 40 255 3 96346 11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .12 .13 .12 .13 .12 .13 .14 .15 .1	1			517	11 1:		8'	. highly broken core	50	2.6		246	70	٥	96345	1/3	,009	1	, 00
10 highly broken care 40 20 20 30 40 255 3 96346 11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .11 ,006 .08 .12 .13 .12 .13 .12 .13 .14 .15 .1	ļ	1							701				75					- 1	
Ste 10 highly brokin care 30 2.0 2.5 3 96346 11 ,006 .08 260 27				1	250 0				90			249							
Ste 10 highly brokin care 30 2.0 2.5 3 96346 11 ,006 .08 260 27							1		0	1							- 1	- 1	
Ste 10 highly brokin care 30 2.0 2.5 3 96346 11 ,006 .08 260 27	1			1. 1	1	l			20	1			80	- 1			j	- 1	
260 3		1		52		ļ.	. 10	highly broken core	50	2.0		255		3	96346	.1/ 1	DOZ	1	.08
260 250 12" Chil-carly Pf (ep) 20 26	1			1 1		1		+ ~ s' lost core	0	- 1		1 1	20	- 1	1	1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	
45 507 12 14 15 15 15 16 15 16 17 16 17 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18			· · · · · · · · · · · · · · · · · · ·					9	0	[260		1	l	- 1	- 1		
35	.				1 19	r 1 y	4	df3-ch1-b4(cb)	0					1					
35		- 1				50 2 10	20- 100 210	913-c/1- PY (cp) x 10	0	- 1			95		-]	.		
35	- 1					012	1012	9+3 + 2 9+3-c41. py+2	0	4.0	:	246		40	96347	14	0/7		.12
35	1	- 1				3-40 × 5	3	9t3-carb-cr1-py(cp) 9t3-ch1-pyxs 7	0							.10	0,2	.13	l
35							• × 3	of a - chi - carb - py of a - chi - py (cp) x 3	2	1				1	1		12	7695	
35 3566 150 160 315 cht 17 46 30 30 30 30 30 30 30 3		1			1 1	· //		gtz.chi-py(cp)					95						
35 140 AL 1/4 ML 175-151-191-22 50 3.5 276 57 96-249 1- 0.6	- 1				1 1/1	5×6 /2	,-Yı•	9/3-chl- Py x6		1,						1			- 1
10×2 +25 1/0×3 1/3-ch1-91×3 1/0		- 1			i ri	, , ,		473-201-194×2		3.5	į	276		57	16348	,_	0,0	- 1	.10
			į	- 11	1 1/1	4		413-chi-pyx3						- 1	"	"	12		
1 280 N2° /A 9hcinl- cp 900					280 13	ſ.		ghs-cint-cp		1	*	1,	00	- 1	1	1			}

GRID_ GIBRALTAR MINES LTD. HOLE No. 86-29 SHEET No. 5 of 8 GRAPHIC ROCK TYPES & ALTERATION BOTTOM DEPTHS L 10 Core
Polisitas
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Folisis
Sixelyse LOG FRACTURE ASSAY RESULTS Veins Neils LEACH CAP ANGLE TO *(41) CORE AXIS LIM. ZONE Co.. ROD % % Sample Latinsto tecavery -FREQUENCY-£ 51 SUPERGENE Number Cu Croic REMARKS 6+3-cry-bx x = 20+35+30 13 Y8+ 4012. 9to-enl-py+3 35-583 9tz-chl-py-cp 3.6 gts.chi-carb.py sono 89 9/3. chi. py. Mo (G). 14 96349 .15 1009 287 atz-chl-carb-py (cp) zone 912-ch1-py qts-chi-carb-cp 1/8 × 2 1/0 × 2 1/3 613-64-410 613-264-64 613-641-64.66)x> 100 4.0 .14 pts-chi-carb-py zone 296 96350 .014 35.5 120-110x5 9t3-chl-py (co) x 5 75 e i 301 highli broken core 80 chl-carb (py) (co) some str. 2.0 30.5 96351 .31 20 025 chl-carb-cpxz chl-carb-cp chl-carb-cp Y.oxz 35 309 . 2/ 45-55 15-55 9tz-chl-carb- py (co) some 2.5 .25 str. sl. 2600 3 96352 .21 - some of broken and 50 317 lost care 45 45-60 45chl- carb . p. ((p) 3 one . broken voca-1 core 2.5 Str. + incr. in dissem py-,30 96353 .27 1020 eth. cp qt3.4hl-carb-cp +2 qt3.4hl-carb-cp +2 qt3.4hl-py(co)+2 3-7. 4512 df3.ch/.b1(cb)x+ 9tz-chl-cp \$ 20-20 35-45 9 3. msg. cp . 2 ¢5

3 + 3 - c + 1 - 44 (cb)

4+3-cx1-4+(cp)++

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and a large with the same hands on the

GIBRALTAR MINES LTD.

SHEET No. 6 of 8

800	TYPE	- ·	B ALTERAT	104		GRAF	PHIC		7	T		7		SUCCI	NO	<u>6 01</u>	_8			
AUCA	1176	-	ACIERAI	ION		LO	G I	1 -	1	FRACTURE	IMATE O PYRITE	BOTTOM DEPTHS					AS	SAY RE	SULTS	
	. •				3 4	155	Yalas Auto	٠ د د		CORE AXIS	IMATE (LEACH CAP	→	Core	ROI	Sample	. 1%	1%	T	7
:					L to Cons	Allegilles	7 7	Widin		1	2 2	LIM. ZONE SUPERGENE	- ::	Recovery	-	32	—		 	Estimetel
		1				22 3			<u> </u>	-FREQUENCY-	2 %	REMARAS	9:11	7.	1	Number	Cu	Mo	1 .	Crose
		1		•		111	35	1/20-710 1 3 1/10	9+3-cm-cp-py x3	0		<u> </u>		 	 			+	1	
1. 1		1			1			Y 100 Y 23 Y 100	9t3(cp) 9t3-ch1-py-cp 9t3-ch1-cp	20	1	1	- 1	80	l	1	1		1	
'	•	1			45. 50		11:	1 12	dis-eri-ch	40	1.5		343	l	1		1		1	1
1 1		1			Mod	Ш	35 50 35 45 45 73 40 40 40 40 40	yoxs	gts.chl-cp gts.chl-pp.cp x 3 gts.chl-py.cp x 3 gts.chl-py.cp x 3 gts.chl-py.cp x 3 gts.chl-py.cp x 3	0					0	96355	1.47	.030	j	.40
		1					(A 43 to	12:13	afficiences	70 80	1	l	j	85			1	1	1	1
-		+-				350	# 2 × 2	/10×2					350			1			<u> </u>	
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1		1		- 1	40	Ш	45×3	Y10×3	9+3-cm-py +3	30				80					1	j
		1		- 1	10 Mod	Ш	3.0	Y+ 1"	atziehl-carb.py(cp)	50	2.0				٥	96356	.30	.027	1	. 25
		1		j		Ш	10 ×2	1/4.82	qtz-chl-carb-py-cp qtz-chl-carb-py-cpxz	70			357						.33	
						360	[4]			90	i		1 1					1	2555	
		l		- 1			10	12"	qt3-chl-carb (mag) py ((cp)) 30ne	20 20 20 20 20 20 20 20		\.	1	85		 	+	1		
1 1				- 1		Н.		7'	,	20	- 1			1						
					to		40	1' 1	9tz-carb.ser-py (co) zone	10	3.6		364						1	.20
	- 1				- 11				[3	io				70	26	96357	27	.020	İ	
	1			- 1			40	21	at	0	- 1		368					1 1		į
				-+		370	4		9t3-carb-ser-chi-py(cp) zone	0		 	4							
	- 1			- 1	- 11				2 34	9	- 1		1 1	l	j			1	- 1	1
				1:	45-		45-45	10	34	21	- 1	1		80	- 1				- 1	
	- 1			3	54e		1 13 1	10.	carb-chi.pq(cp) some		3.0				0	96358	.28	.019	- 1	.30
				1				1	(carb-chi-py (cp) 300e 350 660 770 800 800 800 800 800 800 800 800 80		- 1	> Pil-cp occurs as fine	377		1		1 1		- 1	i
 						380						and within at schl-cart	1	76	-				- 1	[
				- 1	- []]			1	\$0 \$0			veinlets (concordant)	392							
				12	5-		,		30		- 1	•			1			1		
	1			ب د ا	*		45-60	9-	1/2-carb-clil py (1p) some 50		3.0			72	.	96359	.23	011	- 1	.20
				- 1		- 1	1	1	60				387		15	76224	×3	.016		1
						390	<u></u>	12."	12- carb -cult py (cp) 20me 150 150 170 1812- porp. 20		- 1				1		1	- 1	1.	.
1				- 1					10				\vdash	B3 -			∤-			
				- 1			1						393		1	1	- 1	- 1		
1				50	.	H	1.	14	: h1 (qt3) carb - p.1 (cp) 3 one 50						- 1			- 1	- 1	- 1
İ						Н	- 1				1		397	5	3 9	16360	22 1	1/3	- 1	.20
				- 1	4	,,[]			60 70 80			' †			ĺ	- 1	I	-	- 1	1
			***************************************			22.1.4								5						

GIBRALTAR MINES LTD.

HOLE No. <u>86-29</u> SHEET No. <u>7</u> of <u>8</u>

		· · ·			1	GRAF	HIC		7		TAR MINES	- 			וששת	NO	7 of				
ROC	K TYPES	8 A	LTERATIO	N		i Lo	s I	•	-	1 5	FRACTURE	9	BOTTOM DEPTHS					A.	SAY RE	SULTS	
					3 =	<u> </u>		5 =	= =	-	ANGLE TO	781	LIM. ZONE	┨	Core	ROI	Sample	. 1%	1%		T
;					L to Core	Allegal	ž ^	7 10 Core	widih Vela	,	-FREQUENCY-	ESTIMATED ", PYRITE	SUPERGENE		Recovery	1	Number	Cu	Mo	1	Estimated Crose
					-	11	<u>. न</u>		ļ	2		15.	AEMARKS.		%	<u> </u>					
				- 1							0 10 20	1		401	 	+					
.	1.			ł	45-		15-5	-	10	(12)	30	1			48		1			.28	
1	1 1				45- 50 241	\parallel			.0	(9+3) ch1-carb-py (cp) some		2.5		407		14	96361	1.30	1.012	2510	, 25
1				- 1	- 1	11.	И	•			60 70 80	1		101		1			1 .	ļ ·	
						11410	A 40		74	9t3-carb-cm-py	90				85		<u> </u>	_		<u> </u>	
1	1 1			- 1		Π	45 4512	ı	12" Y4 x 2	chi carb.py-cp 3 one	0 10 20)	413				1		1	
1					40 Str	11	7 30	- 1		qts-earb-chi-pyx2	30	3.8						1			.18
					.	Ш	10		ya ya-y,>	42(cb)	40 50 60 70	3.0			79	3	96362	1.23	-017		,,,
l						120	40		10"	grachi-py-cpxz chl-carb-py-cp zone	701 201 901						,	1	l		
—				\neg		1185	4			99-bx-hem	90		as fine gens in ruggy	420			 		 		
				- 1			45×2 45	- 1.	/4	q 3- (ch) cpx2. qtz.ch1-py	20		ep alots and stringers		60			İ			
					Str.		40x 4 35+5+1		110 * 4	9+3-chl-pyx4 9+3-chl-pyx3	40	1.0		424		50	96363				.15
					- 11		30	- [+" .	dis-en-bixs	50	'."		1. 1	95	20	16202	. 22	.023		
					. 11	430	404 6		4	173-th-py 173-th-py x 6 173-py (cp)	20			428			ĺ			}	1
							35 + 60 =	12	4.	13. sev. py 183-chl. py x 3	C				86			-			
				.	(3-	1 1	30 ×3	1'	1 1	ygrens by x 3	20	1		,433				1		1	- 1
	1				100	1 1		;	4	1tz-chil (cp)	10	1.0			- 1	18	01213	.11		-	.10
				-			30-50 X	6 1/2	b-7/10 46 a	tha-chl-pyxo	70				80		96364	l''' i	.009	- 1	-
						-	45 × 4			ta-chl-pyx+	90 90								ļ	- 1	1
					- 111		35	Y.	1 '	ts-chipy (op) ts-chipy nz	Q			341							
	1			1	.		45 × 2 30	/5 /2	, ,	tz-eni-py	30				83	1				1	l
				me	4	1/4	3012	1/2	- Y ₂	ts.chl ts.chl-pyx z	50	\$.5		- 1	-	36	96365	.12	1009		.08
	- 1			1	-	121	40×10 30×50+40	Yax	-10.00	tacht-pyrio tacht-pyrz	70			447				- 1	1	.18	
				+-	-+++	-u	25 y 2 + 5 5 + 40 + 2 5	/2.	2 - Y = a	13. chl- p.ye 2 13- Chl-carb-pyr 3	20				, L					2465	
					-		10	为	9	3-54 3-54	9 10 20 20 20 20 20 20 20	- 1			86		1	1	- 1	- 1	- 1
- 1				40.		127	3= 4-40 410	124°	Y10 x 15 97	3-chl-bh (26.) Done 3-th	30 40	6.0	·	4 54				.	1	- 1.	, 08
	l			Med	*		.0		1 '	**	50 60	•.•			66 1	5	96366	.09	2/0		
					<u>∭</u> 4	- 11	0×2	1/4.2		3-P1 3-CH-P/x2	70		-	459						1.	
•											ושא ו	1	J	1		1	•		3		

GRID_ HOLE No. 86-29 GIBRALTAR MINES LTD. SHEET No. _ 8 __ 01 _ 8 ROCK TYPES B ALTERATION BOTTOM DEPTHS FRACTURE IMATEO ASSAY RESULTS LOG LEACH CAP L to Core ANGLE TO Core ROD Sample CORE AXIS LIM. ZONE Estimate Recever FREQUENCY-15 % S4 PERGENE Number Cu Mo % AEMARKS 9+3-84 9+3-84 9+3-84 x2 25 35 y 3 y 4 y 3 + y 2 95 465 4.0 14+13 ofs-chl-ex 80, Str. 96367 .13 .009 55 1/20-71. 25 975-chl-87x= 469 rx. is strongly sheared and variously altid by 4ts-chi-py some 73 qts-carb-chl-p1 some 412 ep, 9ts, chi and carb. of 3 - carb -cp and has lost its 5.0 plutonic appearance .12 3 'L' str qtz.chl-carb-py (cep) zone 15 96368 .16 1011 477 qq-bx 480 9tz-cn1-ep-py ((cp)) 3 one 31 9/3-chl-py ((co)) x 3 84 30× 4 1/4+/2-15 45 Str 6.0 30 .09 .10 017 96369 486 \$ +304.45 1 - 2" 9+3×= 1/8×3 qt3.chl.pyx3 30-4548 120-11028 9t3-chl-pyx 8 9/3-chl- pyx2 45 45 1/8+2 90 0 10 20 30 28+10+542 18-14x4 qt3-chl-pyx4 15 X2 1/0+1/4 9+3-ch1-px x2 .11 494 1/15-1/8 45 9tz-chlopes 6.5 .10 1010 10× 3 9+3-ch1-py x 3 26 96370 .08 60 Yz. 9/3 S.D.B.

CORE SIZE N. Q. W LOCCCO M G.D.B. LENGTH : 497' OUTE COLLINSO 27- A40-86 DEMATURE ~ 49. 567.00 MIR SEPT. 12, 1986 DATE CONTENTO 27 - Aug - 86 - 96° ELEVATION ~ 2,972.00 GRAPHIC BOTTOM ROCK TYPES & ALTERATION DEPTHS FRACTURE LOG LEACH CAP 0 Velha 16 Car ANGLE TO Core ROD % Sample LIM. ZONE CORE AXIS Recevery -FREQUENCY-7 S4 PERGENE 2 % Number Cu ٧. REMARKS CASING TO * a strong cc some 30' occurs nr. bottom of hole @ 487' but no co seen above this level. 1/10 +/2 9t3-(Mo) x 2 30 + 40 most of the veins QUARTZ in the Q.P. are lens. PORPHYRY 95 like or have indistinct 2.0 1/10 qt3.1116-cp a pale grey to white 40 11226 rx with avoid ats pheno's 1/20- 14 dia in a st. Foliated

GRID

LOCATION SAWMILL ZONE

while to pale green

matrix. Otz phenos comprise about 40%

- contains fine dissem.
Py + cp - total 2.50/0;

true dissem's and not

These appear to be

along folin +lanes.

Mos. is common

throughout the hole but

only with 9th veins not

as dissemi

(30-405')

50

45

Mod

quartza. felds parnie

of the rock.

HOLE No. 86-30 SHEET NO. ____ of _9

ASSAY RESULTS % Estimeted Mo Crose 09 1,006 12 borders: 12" 9tz((cp)) 37 1012 40+18 9t3-(mo)(co) x2 80 9t3- Py 1/842 9tz-Pyx2 1/8 × 2 9tz-84-(cp)(Ma) +2 M 35 + E 10 ,71. 1.004 47 11227 A40.42 1/04/2 47-17-1 1/812 9tz-pyx2 9+2- 84- 70 (CO) 25430 x 4 10+ h 10 4 3 9+3-P1 x 5 01 98 9+3-110-14 135×2 1.5 Y5 + Y. . 08 973- PY (cp) x> 1127.8 08 166.4 30.4012 - poss. sneares winds 1/9 + 1/1042 4+3- Py (cp) + 9+3- py (8) .08 the in wis to a plastic 1 20+70 1/4.42 9 13- P; ((MS)) 12 2915 10×3+50 40+40 50×3 973-81(MO) 1/2-14 9t3-py(10) 98 1/10,13 4 50142 14.2 9t3- Py- Ma- cp xx 11229 .08 1.0 83 .06 1.2 67

GIBRALTAR MINES LTD.

LATITUDE___ N3 2,988.00

BOTTOM DEPTHS ASSAY RESULTS ESTIMATED. ROCK TYPES & ALTERATION FRACTURE A 10 Gard LEACH CAP % % ANGLE TO ROD Core Sample LIM. ZONE CORE AXIS Recever Crose Number Cu Mo SU PERGENE -FREQUENCY-7. REMARKS 9tz-Moxz 41072 at ~ 290 to 375 90 99 (bx) 74 the 9tz. Porp. becomes a pale green and in sections develops a .10 .07 .008 9/3-SET-PY 9/3-PY (CP) (WO) XZ 1.0 87 11230 973-561-PY-CP pea green coloration-seriate alth?? 98 gts-RY (MO) 84 1/2015 .14 at3-84 x 5 .09 50 11231 .006 Y10 x 3 9 t3-py (Mo) x3 1.0 4513 Mod γ<u>,</u> 9.5 9+3- cp- Mo ate- (cp) (Mo) 13 91 atz-cp-ser 20 \$40-50 x 4 1/20-1/0×4 9+3- PI (NO) x A 95 99 (bx) .12 95 13 11232 ,004 12 Go Mod 45×2 Y10 x2 9ts-cpx2 1/3 9+3-ser-py-cp **½** atz-se~ (NO) 95 4.0 9t3-Py (co) .09 4.0 9t3-Mo 1/012-1/4 ,15 9t3-ch1-py (cp)(mo) x3 008 2870 .09 45 0.5 11233 106 1,0 50 9t3-cp Mod Yzo-kleks 9t3- py (ep) (ms) x 5 3512 98 9+3- Mo 114 20 3/4 ch1 - 9t3 - py (cp) .17 .10 ,078 50 Poss 10/0 Mos. 11234 4.5 Mod 95 9+3-140-99 118 Y2 9t3-Mo

1.0

9t3 (m.) (ep)

49-bx

atz.chl - py . cp

chl-2+3 (py) (ep) 30 ne

1ts-chl-carb-py (cp) some

1/8 1/4

6"

2'

40

GIBRALTAR MINES LTD.

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.015

.12

24

HOLE No. 86-30

SHEET No. 1 of

90

90

17

11235

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		GRID_	- 3, yez, 3	di nana			•	AR MINES	LTD.			IOLE I	۷o. <u>86-</u> No3	of _	<u> </u>		· .	
	100 D 1794	Transfer of the Park	-		ud		•	FRACTURE	9	BOTTOM DEPTHS		Estimated		7.	ASS	AY RES	ULTS	
ROCI	K TYPE	S & ALTERATION	3 5	LOC		-	•	ANGLE TO	IMATE O. PYRITE	LERCH CAP	┨		ROD	Sample	%	%		Calimeted
			L to Co	LOG	Structure Votes Ante	Albiw	1150	CORE AXIS -FREQUENCY-	# 8 % PY	SUPERGENE REMARKS	- ::	**************************************		Number	Cu	Mo		Crote
						4" 2'	913-carb-carb-py-cp 3-ne 913-carb-ch1-py-cp 3-ne 913-ser-py(cp) 3-ne	0 10 20 30			134	90			_ ,			7,8
			40 Med		10+5 40+2	16:2 14+16 110×2 1/2	9t3-cul-py-cp(mo)x> 9t3-cul-py-cp(mo)x> 9t3-cul-py-cp(mo)x>	40 50 60 70 80	2.0	high this same - poss	139	95	17	11236	1.2/	,004		
-				140	5 50	1/10+2	9t3-cp-py	90 0 10 20		,		95						
			40		38+4542	1/10+3 1/4	9t3-py-cpx2 9t3-cn+cp(Md) 9t3(cp)	30 40 50 60 70	1.0	·	117		36	11237	.14	,008	. 19	! +
		er y er og er sykles mes sæme skeles er er	· ux	150	15×45×2	79 10" 710×3	9t3 9t3-ch1-py-cp = 3	90			149	100					.17 2825	
					25	2." /2. /10	413-64-carb-by 413-64-carb-by	0 10 20 30				85						.12
			50 WK		30	hie Ya	4+3-c41-ep	50	1.0		157			11238	./6	.,008		
1		small fault {		160	10?	A1	99	70 80 90				60						
			45		· · · · · · · · · · · · · · · · · · ·		9t3(cp) 9t3-40x2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.5		161	70	30	11239	.21	.026		,20 (%)
			ωx	175	70 60 55x2 730 43+30450	1/2 1/8<2 1/2 × 3	13-cp 13-cp 13-cpx, 13-cpx,	60 70 80 %			197							
	·				70+66 60+70+86 304-2 60×4	74.13 74.18	9/3- py-co (No) x 2	9 10 20 30				98			. /8	0غ٥.		,15
			45 Mid		00 CS	10 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2 /2	ars-wox+ ats(cp)(Mo)+2 ats-Mo ats-Mo+co ats-Mo+co ats-Mo-co	(20) (30) (30) (40) (50) (60) (70) (80) (80) (90) (90) (90) (90) (90) (90) (90) (9	0.5		176		50	11240	. 12	,022		
				180	1	Ув Уж	9ts-Mo(cp) 9ts-Mo-py-cp 9ts-Mo	90 9 9 10 20				98						
			40		65 c 2.		9t3-ep-sp 9t3-ry(sp)	30 40 50	0.5		186.6		60	117.41	12	,oc6	,	.14
			Mod	190	10	1/10	ts-mo(py)	70 90 90										<u>·</u> l

GIBRALTAR MINES LTD.

HOLE No. 86-30_
SHEET No. _______

,			7	10000	нісі		1 2 2 3 4 5 5	FRACTURE	a .	BOTTOM DEPTHS		Estimated			AS	AY RES	ULTS	
ROCK	TYPES	8 ALTERATION		LO		-		ANGLE TO	IMATE D. PYRITE	LEACH CAP	-	Core	ROD	Semple	7.	%		Catimeter
:	. •		L to Core	Localistics	Sieveivie Voins Z 10 Core	Width	Macretis	CORE AXIS	6511M	SUPERGENE REMARKS	- 1	Rocover,		Number	Cu	Мо		Crefe
			50 Med		3 72 30 65 50x 10 15 102 103	/8+/10 /4 2" hie-/10x10 /f /10x2 2" /La-/10 x 3	473. MO-CP = 3 473-PP-(140) 473-PP-CH - PP-CP 473-CRYD-PP-CP 473-CRYD-PP-CP 473-SEC(MO) 473-MO-CPP(PY)X 3	0 10 20 30 40 50 60 70 80 8	0.5	Note: mest of the vents are concordant with 1812 - those that are not are steep @ u 15 - 5 and of rich in 140 - Cp	197	48 70	53	11242.	.19	,010	.17 2780	,12
· -			Go Nod	210	60 x 3 60 x 3 60 x 3 60 x 2	Yio Yio X 3 Y 10 X 3 X 10 X 2 X 10 X 10	475-cp 473-ce-cp 473-ce-cp 473-ce-cp) 475-ce-cp) 475-cp)(mo) x 3 475-cp) x 2	2 10 20 30 30 40 50 50 50 70 90	0.≤		207	98	70	11243	.11	,006		,10
			50 Pod		45 60.5	10 Youx 5	975-40 15-67 913-69(40) ~ 4 913-(50(40)) ~ 5 9t3(40)((40)) ~ 5 9t3(40)(60) ~ 7	0 10 20 30 40 50 60 70 70	1-0		217	98	43	11244	.11	,008		, o8
			So WK	220	60×12 60×12 4=+5012	10x2 hle-120x12 120x3 Ye Yo	9+3 (p))(MB)) x 12 9+3-H0 x 2 9+5-61-py-cp 9+5-64-py-cp	90 0 10 10 20 30 40 30 60 70	o. s		222	85	17	11245	,10	.008		.10
	·		4s wk	230	45 45-60 c y 45+2 50	1/10 1/10	chl-py-cp qts. No-cp-py x7 qts-No-py x> qts-cp-No	Q	0.5		234	8 5	80	11246	.08	.002	·11	.10
			45 WK	1 Ł	44572 60 60 60 x3 57 60 1246073 50 x 3	/10 hle > 3 /8 /10 ylor 3	qt3-(Mo)Cep) qt3-ep qt3-ep-Mo x 3 qt3(cp)(py) qt3-Mo qt3-Mo qt3-(p)(mo) x 3	90 90 90 90 90 90 90 90 90 90 90 90 90 9	0.45		244	95	77	11247	.09	,0/3		,12.

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GIBRALTAR MINES LTD.

HOLE No. 86-30 SHEET No. 5 of 9

			1 : .	GR	PHIC	1	1		FRACTURE		BOTTOM DEPTHS	1				AS:	AY RES	ULTS	
ROCI	K TYPES	& ALTERATION		Ľ	PHIC OG	1.	1 _	l	ANGLE TO	IMATE D. PYRITE	LEACH CAP		C	ROD	1	1%	1%		T .
	Τ		L 10 Core					1	CORE AXIS	8 8	LIM. ZONE	1:.	1	ROD	Sample	- <i>''</i> -	 /0	 	Estimated
			1 = =	₩.		3:4	Width	1	i	15 4	S4 PERGENE		Recevery		Number	Cu	Mo	i	Crose
:		A	14.5		Postoge	1	*	<u> </u>	-FREQUENCY-	5 %	REMARKS		7.	ļ	1	-	j	l	
	1 .			~						+	7,5,5,1,1,5				1	1			
				Ш	,	30+50	/4x2 /8	913-cp x2	0	7	1	i	ĺ	l]	1	1		İ
	1			111		<u>ه</u>		qt3-cp (almost mossive-cp)	20 30	7	<u>.</u>	25+		1	İ.	1 .	I	1	
			60	111		10 40 40135+45	/10×3	9/3-ser (cp)	40	0,5				60	11248	20	1010]	.20
			WK	Ш		4015+45	yrox3	ofta-mu-co	40 50	7		1	l	1	``-'	1		1	i '
	1			Ш	n	3	. У20× Ж	113-66	60 70	_	·	1	98	ĺ	ľ	1	l		
	1			Ш		35	12"	ser zono	90	-	1	İ		1		i	<u> </u>		<u></u>
				1112	60 1	35 / 2	hlexa			 		1				I		}	ŀ
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	1 1		1. 1	Ш	Ĥ	50	14	9+2-64-cb	40	1).0	· .	ĺ	95	23	11249	.09	1008		1
ļ	1 1		30	Ш	- 14	-			50	4	l	267				,	1	İ .	
			1 ~ 1	Ш	h		,,	qts-ch1	60 70 80 90	1	· .]			ŀ	1	l	ĺ	
	1 1		1 1	11		00×2	Yor3	9t3-py ((m.)) + 3	00	4	l	1						<u> </u>	
			 	1127	0	FOX3		ab-tex3	901	 			98				l		
			1 1	Ш		35× 4	1/20×4	9t3-cp x 3 9t3 (mo) 1+	0 10 20]	1	213				l			
	1 1				- [.]		1/-	1	20	-		213				1			
	1 1		1. 1		И	40×2	X012	q +3. (cp) (Ma) x 2	40	1.0			- 1	47	11250	. 17	.011		.12
]		50 WH	11	И	80×2+20	120×3	9+3- P1 (cp) (Cmo) x 3	50	-				`'	.,-	' '	· ''		
	[]			Ш	1.1			1,211	70	1		1 1	95				م		
		•		Ш	И	45 + 60	10+18	9ts-Mox2	50 50 60 70 90	ł			i			<u> </u>			
	L		1 1	129		45 X 4	1/20 14	413- PY× 4	0	 		281	[į		. 13	
	1 1			Ш	- 8	7-14	120 27	1,2 1/~	Ю				I					, , , ,	
	1 1			11	И	60 X S	1/10×5	2+3-PY==	30				45				,	2690	. 65
	i i	j	60	11	n		Y.	9+2-61	10	1.0		1		67	[125]	.08	,003		
	1 1		WX.	11	Η.	50	/"	1,24	60			287							
	1 1	٠ ا		11	Н	6013	1/20 2 3	913-8413	70	1			1	į					
]		1	11,,	"П		-		90										
 	 			H**			1/6 - 1/4	9ts-No-cp-py	0			1	90	-					
			- 11	П	H٠		1/20	qts.carb-cp	20		i		- 1	- 1					
			- 11		Ħ4	.012	/s = 2	carb-ch)-cp-pyuz	30			294		33		. , 1			.08
		•	60			· 1	ł	<u> </u>	50	6.5	Į	j		33	11252	11	010	1	
		•	WA		Į,	.	₄	, , <u>[</u>	60			- 1	98	ļ				i	
		. 1	- 11		П	i		7 3- carb-ep	70			1	''		1	1	- 1	l	•
				300	11	15	1/10	otz. mo	اع			301							
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		ı	- 11	1	И ²⁵		, h	19-61	<u></u>			- 1			.)			
]	. 11	1	12.	. 1		12-P4	0		1	-	95	43	11253	.07	,004	I	. 05
			60 WK	1	rı	- 1	ا سند	3-4-1	70	1.0	1	307				_ ′	// / / I	j	
		· .	- 11	1	H.	1"		13-P1 × 4	0	j	Γ		95	- 1	-	1	- 1	1	
		Į.	- 11	1	ri:			ιρ-Mb	0	j	j .	310	75		1				لحبيب
			11	1310	ฅฃ	· · · · · · · · · · · · · · · · · · ·	110 120 23 1	9 5- P/ × 3	<u> </u>										

GIBRALTAR MINES LTD.

HOLE No. 86-30

BOTTOM DEPTHS ASSAY RESULTS FRACTURE IMATED ROCK TYPES & ALTERATION LEACH CAP LOG % ANGLE TO . Core ROD Sample Estimate LIM. ZONE Width . CORE AXIS Recovers Number Croic Mo Cu S4 PERGENE 2 % -FREQUENCY-٧. REMARKS 973- P-1-CP-NO A 5 hle-Yeox 3 50 9ts- PY (4P) 90 .15 ,014 14 9/3-py-cp(ma) = 5 60+5014 40 11254 1.0 70 9tz-cp Mo 317 WK Xo-liex V 9/3- Py- cp (NO) x 6 90 9t3-py-cp (Mo)x 4 9t3-py-cp 9t3-py (Mo) 1/0 x + 604345 324 .018 12 40-70 74 1/20x .4 1. ≤ 11255 9+5-M0 x + ∳a W× 1/2-1/10×2 1/20×2 50+60+70 913- P1-CP x 3 80+70 98 1/4-18 913-NO >2 973-ser-py 333 hlex 3 . Wox3 017 60+3 .10 qts-carb-cp 11256 10 60 2.0 Y20x 10 9tz-P1x 10 wx 10 4 10 48 hle Mo 70 4t3-py < 3 Y2023 70 × 3 70 Py-cp (No) in peagreen sheared 343 1/2^ 9 3-ser. py-cp (40) 127 1025 .30 70-80 37 9+3-chl-carb-py shear some 5.0 11257 70 This is an aphanitic 95 Mod pea green sheared ra with abundant sulfides 70 py-cp (Mo) in peagreen rx along folin planes. 973-cp 913-pyx3 973-ws 973-cp 973-cp 973-cp. 400 973-cp. 400 973-cp. 400 973-cp. 400 1/4 Y10×2 70 / 3 90 .18 111 63 .15 ,016 11258 1.5 60 351 Mod 1/20- 110 x 3 98 13- PYX 14 hle x 10 1.0 + 1/s 1-3. 110 + 9+3- Mo-Cp 9 - 64-(M) (MO) .20 .021 365 57 15 1.3-chicep 1.5 11259 70 co Py in aphantic pea greenzen offs-1110x2 wĸ 973.87.40 x 6 95 hle . Yzo x 6

January Branch Sandan Sandan Branch and Sandar Sandar Sandar Sandar Sandar Sandar Sandar Sandar Sandar Sandar

GIBRALTAR MINES LTD.

HOLE No. 86-30 SHEET No. 7 of 9

			-	GRA	HIC	4 4 V		FRACTURE	0	BOTTOM DEPTHS	7	Estimates		1	ASS	AY RES	ULTS	
ROC	K TYPE	S & ALTERATION	2.2	GRA LC	6 J :	-	•	ANGLE TO	IMATE D PYRITE	LEACH CAP	4		ROD	Sample	%	%		Estimated
	ļ. • :		2 to Con	罐:	Valna Valna Z. 10 Cara	Width of	- ₹	CORE AXIS	Eà	LIM. ZONE	9:13	Recovery		Number	Cu	Mo		Grade
	ŀ		123	==	1 7	¥		-FREQUENCY-	5 %	SUPERGENE REMARKS	- 3 8	7.			Lu	,		<u> </u>
			 	 	60×3	Y20+3	qt3-14-cp × 3	oi	 		1		1					
	1.	ļ ·		Ш	4			20	1	·		80	İ		ļ	l	.16	1
				Ш	7.	30"	py-cp-Mo in pea green appenitie	30	2.0		1	60	47	11260	. 11	.013	2600	.12
1	Ι΄		Ba Mod	Ш		4"	of su(Ma)	50]		377	·			}			
				Ш	7	5"	9 t3. (241)(50)	70 80	1						l			
				38		15	9tz-chl-carb zone	90						 		ž.		
				Π	801 4	1/20×4 1/2	9ty - py -cp x 4	0	1		ļ	90		1	1	1]
1	1				1.	2,		20 30 40	<u> </u>	,						.007		.08
1	1		70 Mod			1	broken qt3 ((cp)) (Wa) (pv) 30 me	50	1-0		26-	•	27	11261	.06	,007		
	1	AND THE CONTROL			4 %	2" q"	913 913 913	60 70			387				l			
		·		390	111 -			90						<u> </u>				<u></u>
				115.	50	7.0	9+3-Mo-CP	0				95			l			
ì					14	Yeo-hie x 2	1	20			394							
			60		60 ×2	1/20-416 * 2	9t3.py-410 x 2 9t3-py	40	0.5				13	11262	,06	.006		.05
]		WK	Π		1	1 3,2-64	30 40 50 60 70 70			398%	80		1				
]	Ш	27,	hle x 3	Moy3	90			400	50				/		
				400	70 x 3	ļ		90			1.00						·	
ł	1	Contact is a zone of		11	14			о ю 20 30	0.5			30						
1		broken and lost core - poss. fault 405	?	Ш	13			10			405		13	11263	.09	,007	İ	.12
_		102		11				10 50 50 50					. •	112.63	, ,	<u> </u>		
1		DARK GREEN FINE-	50- 70	П	50-70	(s')		30	10.0		1 1	95						
<u></u>		MED. GRN META ANDESITY		410				6			 	H						
		(405-497)						0	ı		412.				1	ļ		
		~ 40% chl.	70		80×3	1 - 3/4 + 1/3	913×2	0				90	50	11264	107	1009	ļ	.10
		130/0 ep (as clote+	Med	Ш	60 XZ	/3 V.	qt3	0	2.0		417			11267	. /	_ ′	.07	
		10-15-/0 gtz stringers)			60 X2	/4 /4 ×2	pr(cH) qt3-chl-carb-py(cn)x2		l				1	I	l	l	2555	•
1		30-35% slag.		420		3"	913-CN-Carb-Dy					l l			+			
	1	avg. grn. size ~ Xo"dia qts not visible without		1	160×2	1/10×2	ats-pyxz	0	- 1			98		1	- 1	- 1	- 1	
	f	9t3 not visible without mag.	- []	İ	5+6012	Yiox3	qt3-chl-pyx3	0	I]	11265	.07	0.00	I	.08
		mod-str. sheared	- 11				<u> </u>	0	1.5		1, 1	- 1	70	11265	.0/	1004	İ	
1 :.	[in places grades to				,	13x2 13 15 15 17 15 15 15 15 15 15 15		- 1		427			.	-	1	- 1	
hur val	1	fine gra diorite	- 11	430	\$0+60	1/10 7 2	9+3-04 xz	5										

GIBRALTAR MINES LTD.

HOLE No. 86-30
SHEET No. 8 of

ROCK				GRAPH	ia ·			FRACTURE	0 .	BOTTOM DEPTHS	┥ :	C	ľ	* -	A33	AY RES		
	TYPES	8 ALTERATION	٠.	LOG			•	ANGLE TO	PYRITE	LEACH CAP	-	Core	ROD	Sample	7.	%		Estimate
			L to Cor Foliation		Valne . 2 10 Core	width of Vala	Hlaerelli	CORE AXIS	# 81 IM	LIM. ZONE SUPERGENE REMARKS		7.		Number	Cu	Мо		Cross
			Bo Mod		60+50 50 50 45+60	Y10x2 Y4 Y8 Y10 x 2	chl-pyx2 pts-ahl-py chl-py chl-pyx2	0 10 20 30 40 50 60 70 80 90	2.0		437	100	60	11266	.09	1003		-08
				140	to	<i>Y</i> ₃						95	-					
			80 માન્વ		80	i3 /4	chl-carb-((cp)) py (chl-carb)	0 10 20 30 40 50 60 70 90	1.5		447		40	1(267	. 14	,005		.05
			80 Str	450	5 60 X 2 70 80	1/10. 1/20			1.0		457	95	6 3	11268	106	.1604		05
				160	50	7.0	ohl-py	70 80 90 0				90				,	./0	
			80 str		204 † 70 70	1/20×4 2"	chl-carb-py ((<1)) +4 qt3-(cp) chl-py	20 30 40 50 60 70	2.5		<u> </u>		40	11269	120	,005	2510	.12
			70 Mod	470		/1	ehl-py 9t3-py. 4t3-py.	O O O O O O O O O O	1.0		477	95	33	11270	.10	,003		0.S
_	_			180			qts-ch-py vz	60 70 80 30 90		i		90						·
					40 30		4t, (ep) cc 1t3.ep-cc* ttal-py(ep)	50 50 50 50 50	1.0	*at least 1° solid co.	487		17	11271	.49	.003		. 40

The control of the second of t

HOLE No. 86-30 SHEET No. 9 of 9 GIBRALTAR MINES LTD. GRID_ ASSAY RESULTS BOTTOM DEPTHS LEACH CAP ROCK TYPES & ALTERATION ANGLE TO C+++ Estimoted LIM. ZONE CORE AXIS Rece-++7 crose S4 PERGENE -FREQUENCY-REMARKS 913-14-4 95 11272 .07 .003 .10 9+3-ch1-4/x2 2165

HOLE No. _ 86-31 GIBRALTAR MINES LTD. GRID SHEET No. __ _ of _8 LATITUDE ~ 33 438 N CORE SIZE LOCCCO M G.D.B. DATE COLLINEO 28 - A 44 - 86 LENGTH 507' DEMATURE ~ 49- 118 E MTE Oct 29 . 1986 1"=10' SCALE OF LOG ELEVATION ~ 3001 1 -900 DATE COMPLETED 28 - ANG - 86 GRAPHIC DEPTHS BOTTOM ROCK TYPES & ALTERATION FRACTURE ASSAY RESULTS LOG LEACH CAP E 41. mate 4 Velas Fe Care Aula ANGLE TO * (41) × Core ROD Sample LIM. ZONE 86 CORE AXIS Estimate Recovery SUPERGENE 86 2 % Crede -FREQUENCY-Cu Mo 7. REMARKS 65 cri-py-lim . 32 .006 95901 EINE GON ,oś .05 ax Mod chi- py x 2 70 DIABITE ? 45 12 1/20 ×2 Civil- py 1/10 (65'-91') 3+3-c 4,-64 73 may grade to a quarty diarite but .05 60 .63 .028 90 18 95902 1.0 qta is gen obvious without magnit. Aug. qrn size ~ Yzo" - equipro 77 . 02 01 9+3-cil-py 75 ata.cvi.py -cc gen toliated -81 25./0 chl .46 ep(Py) 30n6 10-20% ep.(clots) 85 400 uts-cnl-py (cc) .006 2915 95903 .10 60 1.0 37 5-150/0 913 86 Mod , 02 ex - poss. a barder phase 301 45 ¥10×2 ats-cul-py of the a.D. pluton 9/3-64-61+3 60430 Y10x2 except for lawr ats 323-5440-64 20 30 40 50 70 90 95 913 COARSE GRN 1/4 C S 2. <0.5 05 95904 DIORITE (91-112') this is unlike anything seen here to cate Leber cher's are suredral black (your day) dee 90 book hb. (100%) scallers atz. tour in a swirled matrix of chi. (600/0) and atsisper

< 0.5

(154/6) which approves to be sheared and grandian to a fine gransize, in which the boocurs as pheno crysts. Also as

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GIBRALTAR MINES LTD.

HOLE No. 86-31 SHEET No. _2 __ of _8

			1	GRA	PHIC		1				7	BOTTOM DEPTHS	7	T	7	7		SAY RES	¥ C	
ROCK	TYPE	S & ALTERATION		1 10) G	_ '	-	· •		FRACTURE ANGLE TO	IMATE D PYRITE	LEACH CAP	\neg	E-timetee					7	·
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1				H -	-1/	5	у.	9/3-81(0)	- 2	20	1		114	1					1	
•	÷	FINE GRM.			F.3	60	29	66-842-64(cb)	1	<u> </u>	10	. ·	1,1,1	 	67	95906	.12	1.006	ļ	10
		DIORITE	70 Mod	11	- 11	4 ?	3. ⁴	ep-carb-cp	5	0 0 0 0 0 0	1		- 1		*	12,00	1	1 .	}	
1 1		(112'-507')	1 1	11	Ш	60	41023	9t3-chl-pxx2	20	0	}		1 .	95			1		ŀ	
<u> </u>	<u> </u>	Same as 61-91	 	1112	<u>• []</u>			<u> </u>	9	0	 	ļ		, _		<u> </u>	 	 	 	ļ
]		- except this some contain	- 1	Ш	ద	80 x 2	4 × 2	ats-carb-epx2	10	0	ľ				1		1	1	l	
1		numerous ruggy op. clots and stringers which often contain py-cp;		Ш	i.	25?	2'	99-bx	34	0			123					1		
1		often contain py-cp;	70 Ned	11	Π				340	0	<0.5			75	36	95907	.12	1004	1	05
1 1		This type of mineralization was first seen at the bottom of the ore zone		Ш	11	1	1		60	9		1	127				1	j	19	
		bottom of the ore zone intersected by 79-17-is	1	11.	H		. 1	and the second	90								-		2870	
 		this further evidence		1129	'	3.5	y10	qt3-cn1-py					1	90			1			
		this further evidence of the poss. fold over turn - that is, the	İ	[[n	"	<i>'''</i>	1,2,644,-11	0 20 30 40 50 60	;			1 1	10				l		
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		the re intersected in This hole.	WK			.0	2"	e p	50		<0.5		733		44	95908	.10	002	·	. "
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GIBRALTAR MINES LTD.

HOLE No. 86-31 of 8

800	TYPE	S & ALTERATION		GRAP	~ i		1 :	FRACTURE	0	BOTTOM DEPTHS	-{	E	l		AS:	SAY RES	ULTS	
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GRID_

GIBRALTAR MINES LTD.

HOLE No. 86-31 SHEET No. 4

ROCK	TYPE:	S & ALTERATION		GRAP	- 1		:	FRACTURE	a "	BOTTOM DEPTHS		E + 1 - 4 1 - 4			AS:	SAY RES	ULTS	
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	·		14 -	₹ £	. নী		i		2 %	REMARKS	- ::	%	<u> </u>	L	Cu	///	<u></u>	
		·			45	y20	chi-cpx2	0	1						}			
]],	10		120	}			95			1		1	
1			ND		35.5	1/4+2	9t3 × 2	40 50	0.5	· ·			53	95918	.19	.006	-	, 10
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				$\parallel \parallel \cdot \parallel$	30+40	1/8 x2	9t3-cp chi-carb	0 10 20 30 40 50 50 50 50 50 50 5				. 91			1.	•		
1 1		ak chl-carb rich			60 - 50	1/2 1/4×2	carbez	20 30										
		3one	В	\parallel	 "`''			40 50	<0.5		245		43	95919	./7	.010		.05
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	1			250				901			$oxed{oxed}$	88					<u>.</u>	
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			614		10		<u> </u>	0	0.5		255		18	95920	.15	.014		.08
	1	.	.		70+45		at 2 = 2 (cp)	0	1			80	1					
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					,]"	'	9 ¹ 3((cp)) <u>2</u> 33	0				80	ľ				2735	.10
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GIBRALTAR MINES LTD.

HOLE No. 86-31 SHEET No. 5 of 8

ROC	K TYPE	ES 8	ALTERA	TION		1 .	APHIC OG	1		1 :		FRACTURE	ا ه	BOTTOM DEPTHS		E	1	1	AS	SAY RE	OLTS	
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j				·],	.0		10	4	2	1 ⁺ 3 9 [†] 3 -carb - py	į.	ю	2.0		315	80		15929	.07	.008	- 1	
	1			٥	Ж- .ti		1 60	2	.' '	ats-chl carb-pa	3000	50				- 1	16	, -	,		.	
	1						30	2		lf3-caro - ser-cx)	- 64	70			349	80	.		1		1.	
						350	64	2		·		0	- 1	T T			1	1	- 1	L		

GIBRALTAR MINES LTD.

HOLE No. 86-31 SHEET No. 6 of 8

ROCI	X TYPE	S & ALTERATION	1	GRAP	. 1	•	:	FRACTURE	0	BOTTOM DEPTHS	-	E01-me104			AS:	SAY RES	ULTS	
 	Τ.	T	L to Core	.:	Yalna Valna 7. 10 Core Aali			ANGLE TO	IMATE D PYRITE	LEACH CAP	-		ROD	Sample	1%	1%	1	Ī
	1	•	= =		3 3-4	width Vela		CORE AXIS	٤ à	LIM. ZONE SUPERGENE	1	R.c,		Number	Cu	Мо		Estimated Grade
1 '	1	•	7 -	Ailevellen Ailevellen Feetege	1 7	,	, vi	-FREQUENCY-	5 %	AEMARAS	138	7.			Cu	, mo	1	
	1			П				0				100						
	1			Ш		10"	Qts-porp.	20 30			353	100					.06	
1	ľ		נא	11	50	<i>y</i> ₆	1+3	40 50 60	≺0. 5			95	38	95930	.06	.006	2645	05
				11:		1/10	hem	60 70			357				1			100
				1860	6013	/20x3	atrichla arva	90						l	1			
				1	5+10	Y3×2		0				. 1						
	•			<u> </u>	45+35 // 30	1/4×2 1/4						95			l			
1	1	40 4 0 20 20	60			1 1	chl-carb-py	90 40	1.0				33	95931	.07	.029		, o\$
			.wĸ					,			367							
	ĺ			370	1 5	1/4	carb-py	20 30 40 50 50 50 50 50				-						
				1	50	3 1	9+3	0					i	7-				
		· [45+40	Yeox2	9t3-py 9t3-carb-enl-py(cp)	0 0				98						
			60		20 60 × 3		9+3-Pyx 3	0	1.0				33	95932	.05	013		. 05
		:	w,×		1	'	1,3-17-3	0		<u>-</u>	377		1		.03	,		
			. []	380	2		qt3 (wo) 2 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									1	
				1233	40		qt3-cp	,				90	1					
				1 (35		913	2		-	383						- 1	1
			60		43	- 1	ets-carb.py 50	2!	1.0			95	27	95933	.14	.019	1	.05
			WK	1 1	1 1	· 1	L 60		ı	ļ.	387		-	1	'		1	1
				390	50 ± 2 90	1/2 ×2 1/4	9 3 × 2 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		j				1	ĺ				
				F		,	9-3-(ch)((111)) 0					40						
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)	1		HD			1	40 50		1.0		396		37	95934	.06	.012	- 1	,05
		1	- 111				60 70		- 1		ı	İ		1	- 1		.08	
				100			80 50										2600	·
		1		U	+1 2	" at	9 t3 - cp [2] 9 t3 - carb.py 55 9 t3 - carb.py 75 9 t3 - carb.py 75 13 - carb.py 75 13 - carb.py 75 13 - carb.py 75 15 15 15 15 15 15 15 15 15 15 15 15 15					98				- 1	1	
			- []]	Ш	60 /	4 9	30											İ
			13	Ш	1'	1	50		1	4	06		40 9	5935	.08	019	- 1	.05
			- []]	- [,]	1	1 .	3-carry x2 60									- 1	- 1.	
				1011	2 \\\	+ 9	13-0arb-py 30				L_							

GIBRALTAR MINES LTD.

HOLE No. 86-31 SHEET No. 7 of 8

A	ОСК	TYPE	S & ALTERATION			APHI .OG			<u> </u>	FRACTURE	پ وا	BOTTOM DEPTHS	-{	E	l		AS	SAY RES	SULTS	
				3 =	:		इंडिंड	4 5	1	ANGLE TO	PYRITE D	LIM. ZONE	┨.		200	Sample	1%	%		Estimated
			· ·	L to Core		•	Valia 2. 1. Core	Widih Vein		-FREQUENCY-	ESTIMATE !	SUPERGENE		Recovery		Number	Cu	Mo		Crose
L				4.	¥.	٤.;	<u> </u>	 	5	1	12 8	REMARKS	1 2 5	7.						<u> </u>
						1	5	У2 У4	oft3-carp-ba	0 10 20 30 30 40 50	1									
١.					11	ľ		Y=0	nd n	20 30	1.			98					l	
				MK 80	11.	1	1 "	14"	943-carb (py)	50	0.5		415		43	95936	.04	.005		, 05
	- 1	, .		1 1	Π	1	•0	1	913-0010 (64)	60 70 80 90	1 .						1	· ·	l	
				1	14	20/	≲ 0	11/2			<u> </u>			95						
1				· 1	\parallel	1	80	9"	qtz.(mo) chi-ep-bx-py	0 0 0 0 0 0 0 0 0 0	1			, ,		•	}	1		
1				70	11.		45	1	qt3-chi-pyx2	30 30			A25	l			١.		}	
	.		•	Not	Ш	n	т.	1/10 ×2	dig-cui-haxr	50	1.5	4.	723		37	95937	11	.010		.05
		•			Ш					70					1					
	4				43			.,		90				100						
				1 1			90 70 x Z	1/2 1/10	9 = 3 (CMO))	0				100						}
				70		3	70 × Z 70	7"	chi-carb-py	50										
		-		PA o 1		Ш		1	<u> </u>	io	1.0		435		33	95938	,12	,015		.05
		- 1				И	45	Yes	ats-chi-py	0					1					
	\downarrow			l	440				9	0				95						
						H	30	1/20	cal-py a	0	1			1						
		1		70		Π		1	12 35 45 (Mo)	0			445	-					-09	.03
				WK		Π	1	i	5	0	.0.5	ľ	177		47	95939	.12	.024	2555	,,,,
		ł		- 11		H			9+3						l	1		1		
<u> </u>	-				450				3 9					L						
		1				1 5	1		7 + 3 - 5 1		- 1			95		[- 1	- 1	
		1		80				21/2	99-9-3(W) - 54 36		- 1							.027	- 1	
		- 1		'nк					50		1.0		457	1	23	15940	.12	.02/		.05
			İ	- 111		1	,		76			<u> -</u>			1		- 1	- 1	1	
-	+				460	- 90			1-2-261-64 80					<u> </u>						
				- 111		80	ĺ	ه ا دا	1 3-64- 77					15	1	-		- 1	ı	
			j	80		1 50	· j		172.61 30								08	800		.08
			1	N)K		45 30	i	1	173.54-PY 50		2.5	Lá	-67		23 9	59+1	-0 .	1.		
					ا دد؛	3,		1 4	t3-cnl-py 50						- 1	1		1	1.	
								<u>` </u>	13171 [90]						1					

GIBRALTAR MINES LTD.

HOLE No. <u>86-31</u> SHEET No. <u>8</u> of <u>8</u>

ROC	K TYPE	S & ALTERATION	1 -	GRAP	HIC		:	FRACTURE		BOTTOM DEPTHS	7				AS:	SAY RES	ULTS	
-	T		Z 10 Core	1.00	٠ <u></u>	-	11000	ANGLE TO	IMATE D PYRITE	LEACH CAP	_	Core	ROD	Sample	1%	1%	T	Τ
	1			fellollen All evetten Feetege	Voles Ault	Width		CORE AXIS	E &	LIM ZONE	F	Recovery		,		1		Estimated
1 :		.]	7 =) 1	*	<u> </u>	-FREQUENCY-	5 %	SU PERGENE REMARKS	٠ ١ ١	7.		Number	Cu	Mo	1	Crose
ļ	 		 	 		1/4	973-97	oi .	-	HEMAKAS	+		 	 	1	+	 	
1	1	- the host rx. at	j	Ш	60 + 5	1/20×5	qt3-chi-pyxs	0 10 20 30	1		1			1	1	1	1	
		this depth is the			H.50	ys ·	P1	30				90		1		1		
1	1	this depth is the same as at the surface - qt3 still remains at	80	Ш	1 6.	1/4	qt3(Wo)(co)	40 50	1.5		1.		57	95942	.09	.00	l	. 05
1	i	-9t3 still remains as	WK		115	. 1/4	chl-py	60 70		l e	477				1		1	ļ
		still a diorite	1	480	LOXT	Y20×4	9/3-chi-py	80 90			1				i	1		
-	 	31111 1		11 10	80 70 × 2	γ ₈ γ _{3 × 2}		0			1						1	,
			[]				df2-ch1-bxx5	20				90] .	i	l	
	1				70.12	Y3+ Y4	413.011-47-1	30 40					60	95943	.10	.007		.05
	1		ND.	Ш	10	1/4	9ts-ser-py	50	1.5		487			45445	'''			.02
	1			11		hle	_	20 30 40 50 60 70 80 90								1	.10	
				490	80				,								25/0	
					180		qts.chi.py	0								1		
		1	- 1		70 60+30		9+3-64 (MO)(cb)	20			1 1	90	i					
	1		80		50		qt3-p1(**0)	10	5.0				57	95944	,13	.019		05
			MK		4	1	chi-carb-py	0			497				-			`
					3	1 .	chi-py [7	0	1				İ					
ļ	L			500	1		3	0				-						
			- 1		30 +90	6" 1/1042	9+3- P1 (Ma)	0	- 1			80	1	1			1	
			- 11		30-10	11972	313-54-541-5	0	1.5						.18	091	1	
			80 WK		j ?	4	99-bx 3	0	- 1		i	1	ĺ	95945		, ,	- 1	. 05
		EOH 307	WK	1			11	9	<u>]</u> .	Maria Maria (10 100 Participal Carabata (10 10 Participal Carabata (10 10 Participal Carabata (10 Part	507	ļ.						
		B.D. B.	- 11			ŀ	9		1						- 1		l	İ
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			_#				<u>80</u> 90					L						
						1	4ts.chi.py 4ts.py (Mo)(p) 12 4ts.py (Mo)(p) 2ts.py (Mo) 2ts.py (Mo) 4ts.py (M								- 1		-	
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