

| | |
|--------------|-----|
| LOG NO: 0518 | RD. |
| ACTION: | |
| FILE NO: | |

PORCHER ISLAND - OCTOBER 1988 THROUGH DECEMBER 1988

DIAMOND DRILL EXPLORATION PROGRAM

| | | | | |
|----------------|-----------|-------|--------------|-------|
| <u>CLAIMS:</u> | Tippy | 38573 | Starlight | L7189 |
| | Toby 1 | 38574 | HSD | L7312 |
| | Toby 2 | 38575 | Trixie | L6515 |
| | Kerry | 38576 | Western Hope | L6516 |
| | BR1 | 829 | Pirate | L6953 |
| | BR2 | 830 | Reward | L6955 |
| | Jolt | 6253 | Jeanie | L7191 |
| | Pro fr | 6252 | Nabob | L7192 |
| | DC | 6693 | Eagle | L6513 |
| | Cola | 6694 | IXL | L6517 |
| | CC | 6695 | IXL fr | L6518 |
| | Edye Pass | 210 | Klim | L6519 |
| | | | HED fr | L7188 |

MINING DIVISION: Skeena

NTS: 103J/2E, 103G/15E

LATITUDE: 54° 01' 30'N

LONGITUDE: 130° 35' 30'W

OWNER: Cathedral Gold Corporation

OPERATOR: Cathedral Gold Corporation

AUTHOR: Alan B. Taylor

DATE: May 1989

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,737

SUMMARY

The Porcher Island property is situated on the northwest corner of the Island and is 40 km southwest of the port of Prince Rupert, British Columbia. The former Surf Point Mine is located on the property and produced 77,000 tons of 0.29 oz/t gold from 1932 through 1939. This production came mainly from vertical stopes to surface from adits at the 1,110m level.

Gold mineralization occurs within pyrite bearing quartz which occur as vertical E-W to NE trending shear structures within a Cretaceous age quartz diorite intrusive. This diorite intrudes the metamorphosed basement rocks of the Prince Rupert Series.

Diamond drilling took place throughout 1988 and holes 79, 80 and 88 are reported herein and were testing for gold bearing structures both along strike and at depth of the known veins. All holes were successful in intersecting anomalous gold values up to 77.49 g/t (2.26 oz/t) over 0.2m core length in hole 80.

Further drilling is recommended to follow-up on the holes by further defining the vein geometry and extent.

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1.0 LOCATION AND ACCESS

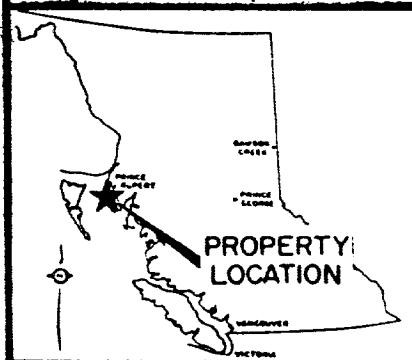
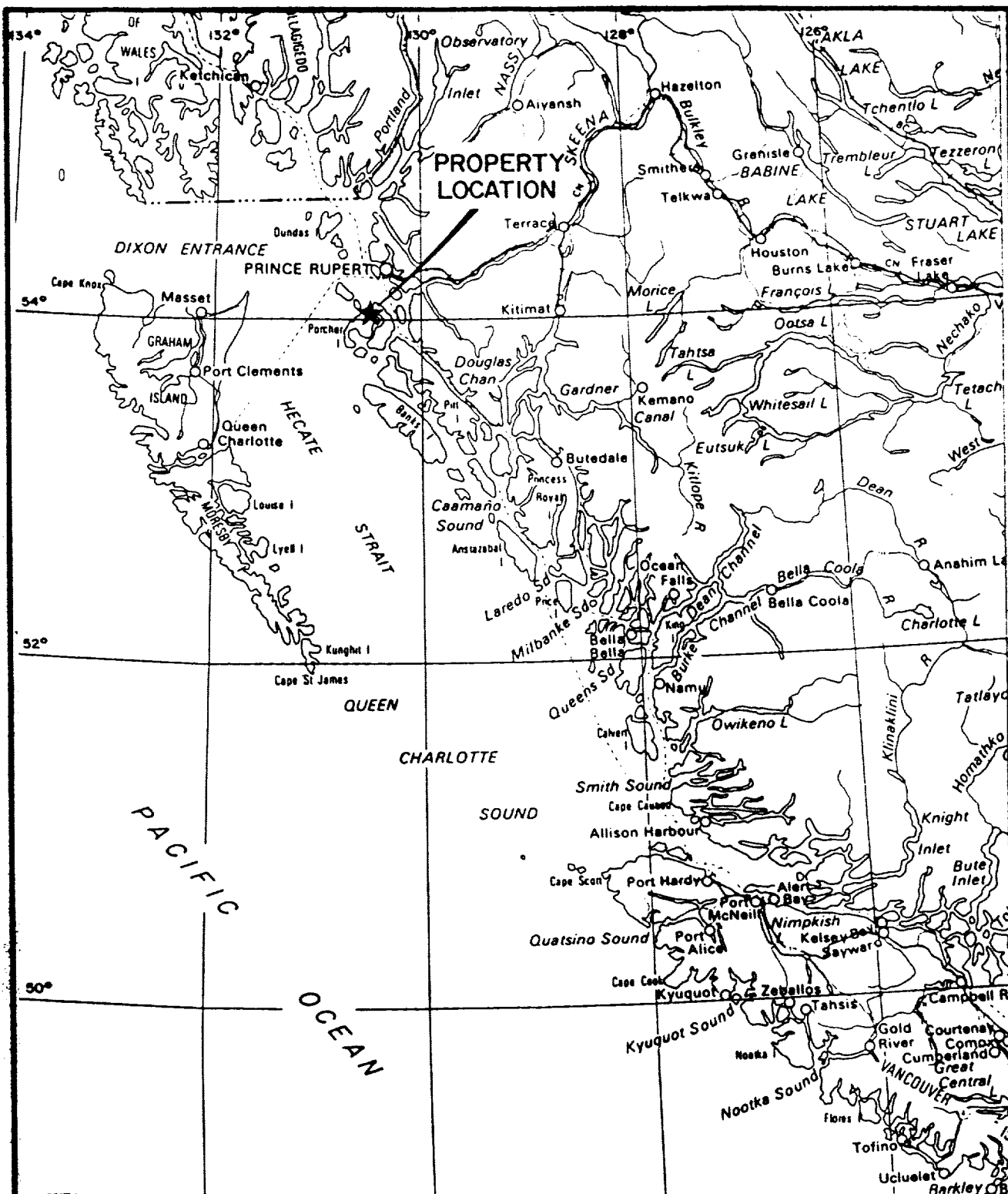
The Porcher Island claims are located 40 km southwest of the town of Prince Rupert on the north coast of British Columbia. The property is situated on the northwest corner of Porcher Island, at Edge Pass, and is bordered on two sides by tidewater. There are presently no roads on the property and access is by boat, float plane or helicopter based out of Prince Rupert.

Vegetation is typical of coastal-type settings ranging from wind-blown stunted scrub vegetation in areas of muskeg to tall stands of spruce and cedar on steeper, better drained slopes. Topographically, the property contains rolling hills with moderate slopes and a highest elevation of 1,600 feet on Bell Mountain. Two linear-type bedrock structures trending northeast-southwest are apparent as steep gullies or trenches found in the northwestern part of the property.

2.0 PROPERTY DEFINITION

The property consists of the following claims owned 100% by Cathedral Gold Corporation (see Figure 2).

| <u>Crown Grants</u> | <u>Lot No.</u> | <u>Units</u> |
|---------------------|----------------|--------------|
| Western Hope | L6516 | 1 |
| Pirate | L6953 | 1 |
| Reward | L6955 | 1 |
| Jeanie | L7191 | 1 |
| Nabob | L7192 | 1 |
| Trixie | L6515 | 1 |
| HED Fr | L7188 | 1 |
| Starlight | L7189 | 1 |
| HSD | L7312 | 1 |
| Eagle | L6513 | 1 |
| IXL | L6517 | 1 |
| IXL Fr | L6518 | 1 |
| Klim | L6519 | 1 |



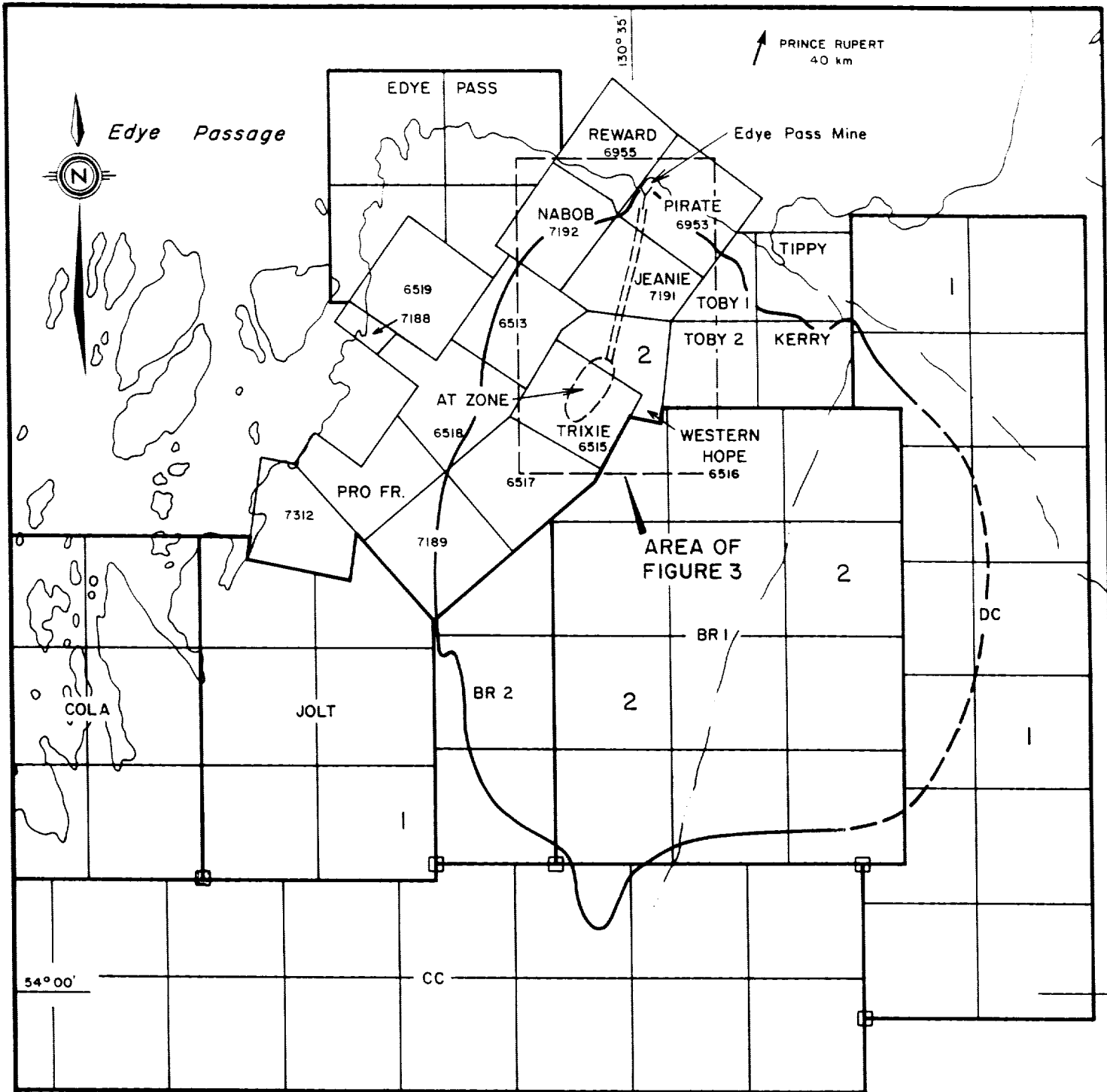
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND

FIGURE 1

LOCATION MAP

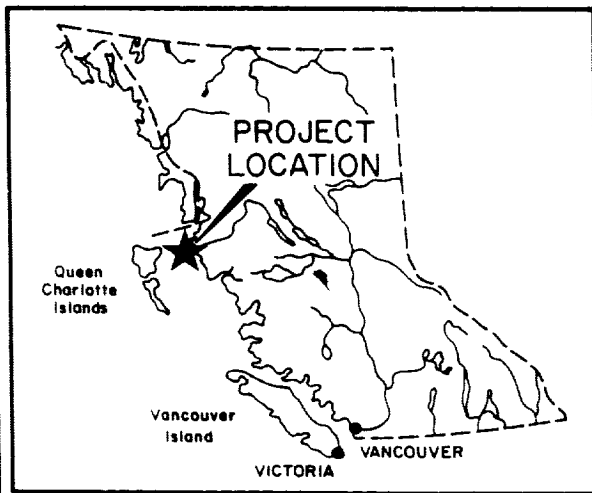
km 0 50 100 150 200

| | |
|---------------------|----------------------|
| SCALE: 1: 3 750 000 | GEOLOGIST: A. TAYLOR |
| DATE: OCTOBER, 1988 | DRAWN BY: J. CORKUM |



GEOLOGY

- 1 PRINCE RUPERT SCHISTS
- 2 QUARTZ DIORITE - HOST TO MINERAL DEPOSIT, MAIN EXPLORATION TARGET



CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

FIGURE 2

N.T.S. 103/J2

**CLAIM MAP AND
GENERAL GEOLOGY**

m 0 500 1000 1500 m

SCALE: 1:25,000 (approx.)

GEOLOGIST A TAYLOR

DATE: DECEMBER, 1988

DRAWN BY J CORKUM

| <u>Claims</u> | <u>Record No.</u> | <u>Units</u> |
|---------------|-------------------|--------------|
| Tippy | 38573 | 1 |
| Toby 1 | 38574 | 1 |
| Toby 2 | 38575 | 1 |
| Kerry | 38576 | 1 |
| Edge Pass | 210 | 4 |
| BR 1 | 829 | 12 |
| BR 2 | 830 | 3 |
| Jolt | 6253 | 6 |
| Pro fr | 6252 | 1 |
| DC | 6693 | 14 |
| Cola | 6694 | 6 |
| CC | 6695 | 16 |

3.0 SUMMARY OF WORK COMPLETED

A drill camp was set-up in November 1987 on the main showing (AT ZONE) by barging all equipment into Edge Passage and slinging by helicopter to the AT ZONE. All drilling of holes 79, 80, 88 was completed by a helicopter supported Longyear 38. A total of 662.8m (2,174 ft) of BQ core was drilled, logged and sampled. Sampling was done by splitting and all remaining core is stored in racks at the campsite.

Analysis of core was done by Acme Labs (see Appendix 2) and consisted of standard 30 element ICP and gold by A.A. and all samples. Where necessary a separate fire assay was performed on high grade gold values. Work took place from October 17 variably through November 25, 1988.

4.0 RESULTS

The drill holes 79 and 80 were successful in intercepting anomalous gold values in pyritic quartz veins that are identical to the main AT ZONE. These zones are somewhat lower grade and narrow but show the similar vertical nature of the veins. A highest assay of 77.49 gm/tonne (2.26 oz/t) was obtained in hole 80 which may be correlated with an anomalous zone in 79 (see Figure 3).

Hole 88 was testing for anomalous gold values at depth and was successful in intercepting identical styles of anomalous gold below 1000m level. Best intercept was 8.36 gm/tonne (.244 oz/t) over 0.95m. All appropriate drill logs are listed in Appendix 1.

5.0 RECOMMENDATIONS

1. Further drilling is required to further define the extent, geometry and grades of the intercepted veins.

6.0 BIBLIOGRAPHY

Corvalan, R., 1986: Geochemical Assessment Report on BR 1 and BR2 for Imperial Metals Corporation

Hutchison, W.W., 1982: Geology of Prince Rupert - Skeena Map Area, B.C. Memoir 394, G.S.C.

Smith, A., 1948: Surf Point and Edge Pass Mines, in Structural Geology of Canadian Ore deposits, C.I.M. pp 94-99.

Taylor, A. B., 1988: Geophysical Survey on Jolt and Pro fr Cathedral Gold Corporation, July 1988, Assessment Report #17861

Taylor, A. B., 1987: Geochemical Surveys on Porcher Island Claims Cathedral Gold Corporation, October 1987, Assessment Report #17076

7.0 STATEMENT OF EXPENDITURES - Porcher Island October 17-December 10, 1988

Personnel

| | | | |
|-----------------|-----------------|--------------|----------|
| A. Taylor | 15 days @ \$165 | \$2,475 | |
| T. East | 15 days @ \$125 | 1,875 | |
| D. Visser | 11 days @ \$115 | <u>1,265</u> | |
| TOTAL PERSONNEL | | | \$ 5,615 |

Transportation

| | | | |
|---------------------------|--|-------------------------|-------|
| Mob & Demob Helicopter | Vancouver - Prince Rupert 2 hrs @ \$550 | \$2,000 <u>1,100</u> | |
| TOTAL TRANSPORTATION | | | 3,100 |

Drilling

| | | | |
|---|--|--|--------|
| Holes 79, 80, 88 total 2,174 ft @ \$35/ft | | | |
| TOTAL DRILLING | | | 76,090 |

Analytical

| | | |
|-----------------------------|------------|-------|
| 392 ICP + AA (Au) @ \$13.25 | \$5,194 | |
| Shipping (air freight) | <u>285</u> | |
| TOTAL ANALYTICAL | | 5,479 |

Miscellaneous

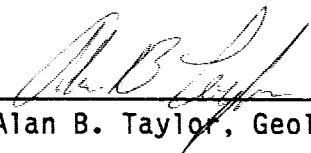
| | | |
|------------------------------------|--------------|------------------------|
| Report Writing & Drafting | \$2,000 | |
| Equipment rentals (survey, radios) | 2,000 | |
| Supplies (Sample bags, etc.) | 1,000 | |
| Expediting | <u>1,000</u> | |
| TOTAL MISCELLANEOUS COSTS | | <u>6,000</u> |
| GRAND TOTAL | | <u><u>\$96,284</u></u> |

8.0 CERTIFICATE OF QUALIFICATION

I, ALAN B. TAYLOR, geologist, residing at 15-8720 Maplegrove Crescent in the Municipality of Burnaby, Province of British Columbia, hereby certify that:

1. I graduated from Brock University in 1979 with an Honours Bachelor of Science in Geology.
2. I graduated from the University of Western Ontario in 1984 with a Master of Science in Geology.
3. I have worked for various mining companies and government geological surveys since 1977.
4. I am presently a permanent staff geologist with Cathedral Gold Corporation of 800-601 West Hastings Street, in the City of Vancouver, Province of British Columbia.
5. The work described in this report on the Porcher Island Claims was undertaken under my direct supervision.

DATED at the City of Vancouver this 15 day of May, 1989.


Alan B. Taylor, Geologist

A P P E N D I X I

DRILL LOGS

DRILL RECORD

CATHEDRAL GOLD CORPORATION

DEC. 1988

PROPERTY : Porcher Island LOCATION : 4897.79E 19198.98N COLLAR DIP : -45° PAGE : 1 of 4
 HOLE NO. : PI-88-79 ELEV. : 1139.13 m COLLAR AZ. : 180° LOGGED BY : A.B. Taylor
 COMMENCED : October 17, 1988 CORE SIZE : BQ % RECOVERY : 100 DATE : October 23, 1988
 COMPLETED : October 19, 1988 LENGTH : 140.21 m CORE STORED : On property
 SPERRY SUN SURVEY: At 60.96 m = 46°/182°, at 140.21 m = 46°/196°. UNUSUAL FEAT.:

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|-------|--|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | | |
| 0.00 | 4.05 | | Casing - no core recovered. | 108878 | 4.05 | 5.00 | 0.95 | | 14 | | | | | |
| | | | | 108879 | 5.00 | 6.00 | 1.00 | | 2 | | | | | |
| 4.05 | 140.21 | QD | Quartz Diorite | 108880 | 6.00 | 6.44 | 0.44 | | 1 | | | | | |
| | | | | 108881 | 6.44 | 6.80 | 0.36 | | 1640 | 0.20 | | | 0.048 | |
| | | | 6.44-6.80 - quartz-pyrite vein 30°, 5% pyrite, blebby, moderately sheared. | 108882 | 6.80 | 7.60 | 0.80 | | 9 | | | | | |
| | | | | 108883 | 7.60 | 7.85 | 0.25 | | 8840 | 1.20 | | | 0.258 | |
| | | | | 108884 | 7.85 | 8.85 | 1.00 | | 28 | | | | | |
| | | | 7.60-7.85 - banded quartz-pyrite vein at 15°, with 5% fine pyrite, minor carbonate. | 108885 | 8.85 | 9.40 | 0.55 | | 46 | | | | | |
| | | | | 108886 | 9.40 | 10.40 | 1.00 | | 6 | | | | | |
| | | | | 108887 | 10.40 | 11.50 | 1.10 | | 420 | | | | | |
| | | | 8.85-9.40 - strongly silicified quartz diorite with 4 x 3 mm quartz-chlorite veins 40°, minor disseminated pyrite near veins. | 108888 | 11.50 | 12.50 | 1.00 | | 4 | | | | | |
| | | | | 108889 | 12.50 | 13.35 | 0.85 | | 1 | | | | | |
| | | | | 108890 | 13.35 | 14.35 | 1.00 | | 5 | | | | | |
| | | | 9.40-11.50 - weak quartz stockwork system, veins at 40°, 1 mm to 1 cm, trace pyrite. | 108891 | 14.35 | 15.57 | 1.22 | | 1 | | | | | |
| | | | | 108892 | 15.57 | 15.80 | 0.23 | | 1 | | | | | |
| | | | 15.57-15.80 - weakly silicified, 2 x 2 mm quartz veins 45°. | 108893 | 17.53 | 17.75 | 0.23 | | 12 | | | | | |
| | | | 17.53-17.75 - white quartz vein at 40°. | | | | | | | | | | | |
| | | | 19.23 - 2 cm quartz vein at 60°. | 108894 | 19.19 | 19.82 | 0.63 | | 1 | | | | | |
| | | | | 108895 | 19.82 | 20.20 | 0.38 | | 1 | | | | | |

PORCHER ISLAND PROPERTY

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|--------|-------|------|-----------|-----------|-----------|-----------|-------------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au oz/tn | |
| | | | 52.30-54.70 - 80% mafic xenoliths. | 108908 | 55.50 | 55.70 | 0.20 | | 6 | | | | | |
| | | | 55.50-55.70 - mildly silicic zone. | 108909 | 59.80 | 60.50 | 0.70 | | 5 | | | | | |
| | | | | 108910 | 60.50 | 61.20 | 0.70 | | 1 | | | | | |
| | | | 64.18-64.38 - moderately silicified zone. | | | | | | | | | | | |
| | | | | 108911 | 64.15 | 64.38 | 0.23 | | 2 | | | | | |
| | | | 66.65-66.90 - moderately silicified zone, trace pyrite. | | | | | | | | | | | |
| | | | | 108912 | 66.65 | 66.90 | 0.25 | | 1 | | | | | |
| | | | 68.85-69.54 - moderately silicified zone, trace pyrite. | | | | | | | | | | | |
| | | | | 108913 | 68.85 | 69.54 | 0.69 | | 2 | 0.20 | | | | |
| 77.95 | 79.40 | | Strongly altered zone 77.95-78.80 - strongly silicified with minor quartz-chlorite veins 40°. | | | | | | | | | | | |
| | | | | 108914 | 77.95 | 78.80 | 0.85 | | 16 | | | | | |
| | | | 78.80-79.40 - pink potassic and chloritic alteration, moderately broken, trace carbonate. | | | | | | | | | | | |
| | | | | 108915 | 78.80 | 79.40 | 0.60 | | 2 | | | | | |
| | | | | 108916 | 79.40 | 80.00 | 0.60 | | 1 | | | | | |
| | | | 88.53-182.00 - quartz-carbonate vein 90°. | | | | | | | | | | | |
| | | | | 108917 | 93.00 | 93.48 | 0.48 | | 2 | | | | | |
| | | | 93.00-93.48 - moderately silicified zone. | | | | | | | | | | | |
| | | | | 108918 | 95.85 | 96.62 | 0.77 | | 3 | | | | | |
| 95.85 | 99.25 | | Moderate to strongly silicified zone with minor chlorite clasts and vein, trace epidote, carbonate. | | | | | | | | | | | |
| | | | | 108919 | 96.62 | 97.80 | 1.18 | | 1 | | | | | |
| | | | | 108920 | 97.80 | 98.60 | 0.80 | | 2 | | | | | |
| | | | | 108921 | 98.60 | 99.25 | 0.65 | | 2 | | | | | |
| | | | 98.60-99.25 - 1 x 4 mm epidote-carbonate vein rolling parallel to core. | | | | | | | | | | | |
| | | | | 108922 | 105.30 | 106.15 | 0.85 | | 1 | | | | | |
| 105.30 | 106.88 | | Strongly silicified zone, minor chlorite. | | | | | | | | | | | |
| | | | | 108923 | 106.15 | 106.88 | 0.73 | | 2 | | | | | |

PORCHER ISLAND PROPERTY

PI-88-80

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|--|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|--|------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | | |
| | | | 18.90-19.15 - quartz vein 40°, minor 40° seams of pyrite, vein broken up and fractured. | 108945 | 18.90 | 19.15 | 0.25 | | 1760 | 0.20 | | | | .051 |
| | | | | 108946 | 19.15 | 20.15 | 1.00 | | 1 | | | | | |
| | | | | 108947 | 20.15 | 20.80 | 0.65 | | 6 | | | | | |
| | | | 21.80-21.00 - 1 x 4 cm quartz-pyrite vein 25°. | 108948 | 20.80 | 21.00 | 0.20 | | 2480 | 0.60 | | | | .072 |
| | | | | 108949 | 21.00 | 22.95 | 1.95 | | 3 | | | | | |
| | | | 22.40 - 1 x 3 mm quartz-chlorite vein 50°. | 108950 | 22.95 | 23.07 | 0.12 | | 21 | | | | | |
| | | | | 108951 | 23.07 | 14.00 | 0.93 | | 5060 | 0.80 | | | | .148 |
| | | | 22.80 - 1 x 2 cm quart vein, trace pyrite, 40°. | 108952 | 24.00 | 25.00 | 1.00 | | 2040 | 0.30 | | | | .059 |
| | | | | 108953 | 25.00 | 25.65 | 0.65 | | 11 | | | | | |
| 23.07 | 25.00 | | Heavily fractured and broken up quartz-carbonate-chlorite-pyrite vein containing 20% altered quartz diorite xenoliths. Pyrite ~ 3% both in coarse blebs and disseminations. Contact not obvious but probably ~ 30°. | 108954 | 25.65 | 26.52 | 0.87 | | 24 | | | | | |
| | | | | 108955 | 26.52 | 27.00 | 0.48 | | 3 | | | | | |
| | | | 25.00-25.65 - variably silicified quartz diorite with minor quartz- carbonate-chlorite material up to 40% of rock. | | | | | | | | | | | |
| | | | | 108956 | 30.65 | 31.40 | 0.75 | | 1 | | | | | |
| | | | 30.65-32.00 - mildly silicified zone 6 x 2 mm quartz veins 30°. | 108957 | 31.40 | 32.00 | 0.60 | | 1 | | | | | |
| | | | | 108958 | 32.00 | 33.00 | 1.00 | | 2 | | | | | |
| | | | 33.10 - 1 x 5 mm quartz-carbonate vein 30°. | 108959 | 33.00 | 33.40 | 0.40 | | 2 | | | | | |
| | | | | 108960 | 33.40 | 34.40 | 1.00 | | 1 | | | | | |
| | | | 33.38 - 1 x 1 cm quartz vein 45°. | 108961 | 34.40 | 35.66 | 1.26 | | 12 | | | | | |
| | | | | 108962 | 35.66 | 36.62 | 0.96 | | 1 | | | | | |
| 34.40 | 37.80 | | Moderately silicified zone around a central vein. | 108963 | 36.62 | 37.25 | 0.63 | | 174 | | | | | |
| | | | | 108964 | 37.25 | 37.80 | 0.55 | | 11 | | | | | |
| | | | | 108965 | 37.80 | 38.71 | 0.91 | | 2 | | | | | |

PORCHER ISLAND PROPERTY

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|--|-------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | | |
| | | | 36.62-37.25 - 1 x 4 cm quartz-carbonate-chlorite vein subparallel to 15° | 108966 | 38.71 | 40.00 | 1.29 | | 1 | | | | | |
| | | | cuts core in half. Slightly brecciated in places. | 108967 | 40.00 | 41.76 | 1.76 | | 1 | | | | | |
| | | | 48.00-48.60 - mildly silicified 2 x 1 mm quartz-carbonate veins 30°, | 108968 | 48.00 | 48.60 | 0.60 | | 77 | | | | | |
| | | | | 108969 | 48.60 | 49.75 | 1.15 | | 2 | | | | | |
| | | | 49.75-50.60 - mildly silicified 4 x 1 mm quartz-carbonate joints at 70°, | 108970 | 49.75 | 50.60 | 0.85 | | 1 | | | | | |
| | | | trace pyrite. | 108971 | 50.60 | 51.20 | 0.60 | | 1 | | | | | |
| | | | | 108972 | 51.20 | 52.10 | 0.90 | | 5 | | | | | |
| | | | 54.60 - 1 x 3 cm strongly silicified band rimming a 6 mm chlorite vein | 108973 | 52.10 | 53.00 | 0.90 | | 2 | | | | | |
| | | | 60°, trace pyrite. | 108974 | 53.00 | 54.00 | 1.00 | | 2 | | | | | |
| | | | | 108975 | 54.00 | 54.50 | 0.50 | | 2 | | | | | |
| | | | 57.50 - 2 x 2 mm quartz-carbonate veins 45°. | 108976 | 54.50 | 54.70 | 0.20 | | 2 | | | | | |
| | | | | 108977 | 54.70 | 56.00 | 1.30 | | 2 | | | | | |
| 59.38 | 62.82 | | Strongly silicified, bleached zone with minor chlorite patches and vein- | 108978 | 56.00 | 57.40 | 1.40 | | 2 | | | | | |
| | | | lets 50°, disseminated to clotty pyrite, cream, brown colour, trace | 108979 | 57.40 | 57.60 | 0.20 | | 2 | | | | | |
| | | | carbonate, [well/wall] jointed (every 10 cm at 50°). | 108980 | 57.60 | 58.60 | 1.00 | | 4 | | | | | |
| | | | | 108981 | 58.60 | 59.38 | 0.78 | | 6 | | | | | |
| | | | 60.48-60.60 - massive coarse pyrite band 50°. | 108982 | 59.38 | 60.45 | 1.07 | | 4 | | | | | |
| | | | | 108983 | 60.45 | 60.65 | 0.20 | | 77500 | 16.40 | | | | 2.260 |
| | | | 65.80 - 1 x 1 cm quartz-carbonate vein 60°, local silicification 1 x 1 mm | 108984 | 60.65 | 61.82 | 1.17 | | 1150 | 0.90 | | | | .034 |
| | | | joint 35°, chloritic. | 108985 | 61.82 | 62.30 | 0.48 | | 290 | | | | | |
| | | | | 108986 | 62.30 | 63.30 | 1.00 | | 12 | | | | | |
| | | | 72.10 - 1 x 4 cm silicic band 30°, trace pyrite. | | | | | | | | | | | |
| | | | | 108987 | 65.70 | 66.00 | 0.30 | | 11 | | | | | |
| | | | 79.15 - 1 x 5 cm weakly silicic zone. | | | | | | | | | | | |
| | | | | 108988 | 72.00 | 72.24 | 0.24 | | 58 | | | | | |

PORCHER ISLAND PROPERTY

PI-88-80

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | |
|----------------|--------------|-----|--|---------------|-------------------|--------|-------|------|-----------|-----------|-----------|-----------|--------------|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au* oz/tn |
| | | | 87.26 - 1 x 4 mm quartz-chlorite vein 10°. | 108989 | 79.05 | 79.25 | 0.20 | | 2 | | | | |
| | | | 90.18 - 1 x 1 mm quartz-chlorite vein 30°. | | | | | | | | | | |
| 91.22 | 92.80 | | Variably weakly silicified. | 108990 | 91.22 | 91.52 | 0.30 | | 48 | | | | |
| | | | | 108991 | 91.52 | 92.80 | 0.28 | | 1 | | | | |
| | | | 91.22-91.52 - strongly silicified with chloritic blebs and variable patchy quartz, clay development on 3 40° shear planes. | 108992 | 95.60 | 96.40 | 0.80 | | 1 | | | | |
| | | | | 108993 | 96.40 | 96.80 | 0.40 | | 13 | | | | |
| 96.80 | 99.10 | | Variably moderately silicified cut by 5% quartz veins, 1-2 cm at 10°-15° with minor chlorite. | 108994 | 96.80 | 97.82 | 1.02 | | 4 | | | | |
| | | | | 108995 | 97.82 | 98.60 | 0.78 | | 4 | | | | |
| | | | | 108996 | 98.60 | 99.10 | 0.50 | | 1 | | | | |
| | | | 106.10-106.70 - 2 x 4 cm epidote rich zones flanking 45° joint planes. | | | | | | | | | | |
| | | | | 108997 | 106.10 | 106.70 | 0.60 | | 1 | | | | |
| | | | 109.00 - 1 x 2 cm pinkish quartz vein 20° with 5 cm flanking moderate silicification. | | | | | | | | | | |
| | | | | 108998 | 108.95 | 109.20 | 0.25 | | 1 | | | | |
| | | | 111.00-111.86 - mildly silicified and fractured zone. | | | | | | | | | | |
| | | | | 108999 | 111.00 | 111.86 | 0.86 | | 8 | | | | |
| | | | 113.75 - 1 x 3 cm quartz-chlorite vein 20°. | | | | | | | | | | |
| | | | | 109000 | 113.65 | 113.95 | 0.30 | | 1 | | | | |
| | | | | 32001 | 113.95 | 114.91 | 0.96 | | 1 | | | | |
| | | | 114.30, 114.70 - 1 x 1 cm quartz veins 20° and 50°. | | | | | | | | | | |
| | | | | 32002 | 116.85 | 118.20 | 1.35 | | 11 | | | | |
| 116.85 | 119.90 | | Mildly silicified zone. | | | | | | | | | | |
| | | | | 32003 | 118.20 | 118.60 | 0.40 | | 5 | | | | |
| | | | | 32004 | 118.60 | 119.35 | 0.75 | | 1 | | | | |
| | | | | 32005 | 119.35 | 119.90 | 0.55 | | 23 | | | | |

DRILL RECORD

CATHEDRAL GOLD CORPORATION

DEC. 1988

PROPERTY : Porcher Island

LOCATION : 4827.29E 19278.58N

COLLAR DIP : 48°

PAGE : 1 of 13

HOLE NO. : PI-88-88

ELEV. : 1103.12 m

COLLAR AZ. : 175°

LOGGED BY : A.B. Taylor

COMMENCED : November 12, 1988

CORE SIZE : BQ

% RECOVERY : 100%

DATE : November 18, 1988

COMPLETED : November 16, 1988

LENGTH : 398.37 m

CORE STORED : On property

SPERRY SUN SURVEY: At 32.61 m = 50°/179°, at 93.57 m = 49½°/183°, at 154.53 m = 49½°/184°, at 215.49 m = 50½°/186°.

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-------|-------|------|-----------|-----------|-----------|-----------|-------------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au oz/tn | |
| 0.00 | 2.52 | | Casing - no core recovered. | 32888 | 2.52 | 4.00 | 1.48 | | 58 | | | | | |
| | | | | 32889 | 4.00 | 4.70 | 0.70 | | 3 | | | | | |
| 2.52 | 44.10 | HQD | Hornblende Quartz Diorite | 32890 | 4.70 | 5.00 | 0.30 | | 690 | 0.50 | | | | |
| | | | | 32891 | 5.00 | 6.00 | 1.00 | | 14 | | | | | |
| | | | 5.10 - 1 x 1 cm quartz vein 70°, minor pyrite in silicified 3 cm wall | 32892 | 6.00 | 7.00 | 1.00 | | 17 | | | | | |
| | | | rock. | 32893 | 7.00 | 7.70 | 0.70 | | 5 | .20 | | | | |
| | | | | 32894 | 7.70 | 8.00 | 0.30 | | 200 | | | | | |
| | | | 7.90 - 1 x 1 cm quartz vein 80°, minor pyrite. | 32895 | 8.00 | 9.00 | 1.00 | | 6 | | | | | |
| | | | | | | | | | | | | | | |
| | | | 13.13 - 1 x 2 cm moderately silicified zone, trace pyrite. | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | 13.45 - 1 x 4 mm carbonate vein 30°. | 32896 | 13.00 | 13.25 | 0.25 | | 125 | | | | | |
| | | | | | | | | | | | | | | |
| 16.85 | 24.90 | | Moderately silicified zone, locally weakly foliated 30°. Mild carbonate | 32897 | 16.85 | 17.37 | 0.52 | | 4 | .20 | | | | |
| | | | alteration. | 32898 | 17.37 | 18.37 | 1.00 | | 1 | | | | | |
| | | | | 32899 | 18.37 | 19.80 | 1.43 | | 1 | | | | | |
| | | | 21.50 - 1 x 2 mm carbonate vein 60°. | 32900 | 19.80 | 21.00 | 1.20 | | 1 | | | | | |
| | | | | 32901 | 21.00 | 22.00 | 1.00 | | 40 | | | | | |
| | | | 21.90 - 1 x 2 cm quartz-chlorite vein 70°, trace pyrite. | 32902 | 22.00 | 22.70 | 0.70 | | 87 | | | | | |
| | | | | 32903 | 22.70 | 23.70 | 1.00 | | 2 | | | | | |
| | | | 22.50 - 1 x 3 cm quartz vein 60°, minor pyrite. | 32904 | 23.70 | 24.00 | 0.30 | | 16 | | | | | |
| | | | | 32905 | 24.00 | 24.90 | 0.90 | | 69 | | | | | |

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|--|---------------|-------------------|-------|-------|------|-----------|-----------|-----------|-----------|---------------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au * oz/tn | |
| | | | 22.70-23.70 - unaltered HQD. | 32906 | 24.90 | 25.90 | 1.00 | | 5 | .20 | | | | |
| | | | | 32907 | 25.90 | 26.20 | 0.30 | | 1 | | | | | |
| | | | 25.90-26.20 - mildly silicified. | | | | | | | | | | | |
| | | | 27.25-27.75 - variable 1-5 mm chlorite-carbonate vein rolling through core, local silicification, trace pyrite. | 32908 | 26.20 | 27.25 | 1.05 | | 1 | | | | | |
| | | | | 32909 | 27.25 | 27.75 | 0.50 | | 12 | | | | | |
| | | | | 32910 | 27.75 | 28.50 | 0.75 | | 1 | | | | | |
| | | | 30.01 - 1 x 2 mm carbonate-chlorite vein 45°. | | | | | | | | | | | |
| | | | 31.00 - 1 x 4 mm white carbonate vein 30°. | | | | | | | | | | | |
| | | | 32.40 - 1 x 4 cm quartz vein 40°, minor pyrite, sharp contacts, no wall contacts, no wall rock alteration. | 32911 | 32.30 | 32.61 | 0.31 | | 1 | | | | | |
| | | | 34.76 - 3 cm epidote rich band. | 32912 | 36.00 | 36.80 | 0.80 | | 1 | | | | | |
| | | | | 32913 | 36.80 | 37.15 | 0.35 | | 33 | | | | | |
| | | | 36.57 - 1 x 10 cm cream white aplite vein 45°. | 32914 | 37.15 | 38.25 | 1.10 | | 1 | | | | | |
| | | | | 32915 | 38.25 | 38.70 | 0.45 | | 1 | | | | | |
| | | | 35.80-36.15 - moderately silicified zone, minor pyrite-chlorite, 2 x 2 mm carbonate veins 60°. | 32916 | 38.70 | 39.20 | 0.50 | | 2030 | 0.90 | | | .059 | |
| | | | | 32917 | 39.20 | 40.00 | 0.80 | | 260 | 0.20 | | | | |
| | | | | 32918 | 40.00 | 40.60 | 0.60 | | 220 | | | | | |
| 38.70 | 44.10 | | Moderately silicified zone. | 32919 | 40.60 | 41.60 | 1.00 | | 310 | 0.30 | | | | |
| | | | | 32920 | 41.60 | 42.60 | 1.00 | | 30 | | | | | |
| | | | 39.00-39.20 - carbonate-chlorite-pyrite variable clotty (50%). | 32921 | 42.60 | 43.60 | 1.00 | | 4 | | | | | |
| | | | | 32922 | 43.60 | 44.10 | 0.50 | | 44 | | | | | |
| | | | | 32923 | 44.10 | 45.00 | 0.90 | | 1 | | | | | |

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-------|-------|------|-----------|-----------|-----------|-----------|--------------|------|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au* oz/tn | |
| | | | 43.60-44.10 - 1 x 3 cm quartz-chlorite vein rolling through zone, trace pyrite. | | | | | | | | | | | |
| 44.10 | 398.37 | QD | Quartz Diorite | | | | | | | | | | | |
| | | | 49.22-49.60 - moderately silicified zone containing 15 cm quartz-chlorite vein 35°, trace pyrite. | 32924 | 48.22 | 49.22 | 1.00 | | 3 | | | | | |
| | | | | 32925 | 49.22 | 49.60 | 0.38 | | 560 | 0.40 | | | | |
| | | | 52.30 - 1 x 4 cm quartz-chlorite vein 40°. | 32926 | 49.60 | 50.40 | 0.70 | | 2 | | | | | |
| | | | | 32927 | 50.40 | 51.10 | 0.70 | | 149 | 0.40 | | | | |
| | | | 53.40-54.25 - spotty mild silicification. | 32928 | 51.10 | 52.10 | 1.00 | | 6 | | | | | |
| | | | | 32929 | 52.10 | 52.43 | 0.33 | | 33 | | | | | |
| 55.90 | 66.53 | | Patchy moderately silicified zones with sporadic quartz veins. | 32930 | 52.43 | 53.40 | 0.97 | | 2 | | | | | |
| | | | | 32931 | 53.40 | 54.25 | 0.85 | | 29 | | | | | |
| | | | 56.00 - 1 x 2 cm quartz vein 70°. | 32932 | 54.25 | 55.25 | 1.00 | | 1 | | | | | |
| | | | | 32933 | 55.25 | 55.90 | 0.65 | | 1 | | | | | |
| | | | 56.80 - 1 x 10 cm quartz-chlorite vein 35°, trace pyrite. | 32934 | 55.90 | 56.90 | 1.00 | | 870 | 0.80 | | | | |
| | | | | 32935 | 56.90 | 57.75 | 0.85 | | 21 | | | | | |
| | | | 58.20 - 1 x 2 cm quartz-chlorite vein 10°, trace pyrite. | 32936 | 57.75 | 58.55 | 0.80 | | 250 | 0.30 | | | | |
| | | | | 32937 | 58.55 | 59.20 | 0.65 | | 1 | | | | | |
| | | | 59.30 - 1 x 10 cm quartz-chlorite vein 30°, trace pyrite. | 32938 | 59.20 | 59.60 | 0.40 | | 300 | | | | | |
| | | | | 32939 | 59.60 | 60.25 | 0.65 | | 1100 | 0.60 | | | | .032 |
| | | | 60.10 - 1 x 5 mm quartz vein, minor pyrite on 15° slip planes. | 32940 | 60.25 | 61.50 | 0.25 | | 3 | | | | | |
| | | | | 32941 | 61.50 | 62.35 | 0.85 | | 4 | | | | | |
| | | | 60.25-61.50 - unaltered QD. | 32942 | 62.35 | 62.90 | 0.55 | | 1 | | | | | |
| | | | | 32943 | 62.90 | 63.70 | 0.80 | | 186 | | | | | |

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|--|---------------|-------------------|--------|-------|------|-----------|-----------|-----------|-----------|-------------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au oz/tn | |
| | | | 85.45 - 3 x 1 mm carbonate veins 40°. | | | | | | | | | | | |
| | | | 92.85 - 1 x 5 mm quartz-chlorite vein 20°, minor pyrite, no alteration. | 32958 | 92.75 | 93.00 | 0.25 | | 2 | | | | | |
| 95.50 | 96.96 | A | Dark grey fine grained andesite dike, sharp 35° contacts. | 32959 | 101.00 | 101.75 | 0.75 | | 1 | | | | | |
| | | | | 32960 | 101.75 | 102.00 | 0.25 | | 122 | | | | | |
| | | | 101.78-101.96 - quartz vein 35°, minor chlorite. | 32961 | 102.00 | 102.93 | 0.93 | | 7 | | | | | |
| | | | | 32962 | 102.93 | 103.30 | 0.37 | | 5 | | | | | |
| | | | 102.93-103.30 - moderately silicified zone 35°. | 32963 | 103.30 | 104.00 | 0.70 | | 2 | | | | | |
| | | | 105.32 - 1 x 1 cm quartz-chlorite vein 40°. | | | | | | | | | | | |
| | | | 106.65 - 1 x 2 cm epidote-quartz-carbonate vein 15°, trace pyrite. | 32964 | 105.22 | 105.45 | 0.23 | | 250 | 0.20 | | | | |
| | | | 113.50-115.50 - weak patchy silicification on 40° joints. | 32965 | 106.55 | 106.85 | 0.30 | | 3 | | | | | |
| | | | 115.30 - 1 x 15 cm quartz vein 35°, minor pyrite. | | | | | | | | | | | |
| | | | 120.00-120.50 - 3 x 1 cm quartz veins 50°. | 32966 | 113.50 | 114.00 | 0.50 | | 205 | | | | | |
| | | | | 32967 | 114.00 | 115.00 | 1.00 | | 37 | | | | | |
| | | | | 32968 | 115.00 | 115.50 | 0.50 | | 128 | | | | | |
| | | | | 32969 | 115.50 | 116.20 | 0.70 | | 6 | | | | | |
| 124.45 | 132.40 | | Quartz stockwork zone with local moderate to intense silicification next to veins. Veins at 50°, average 1-2 cm and 5% of total, trace pyrite in some veins and on flanks. | 32970 | 120.00 | 120.50 | 0.50 | | 11 | | | | | |
| | | | | 32971 | 122.00 | 123.00 | 1.00 | | 15 | | | | | |

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | |
| | | | 127.10 - 1 x 10 cm pink aplite vein 45°. | 32972 | 123.00 | 124.00 | 1.00 | | 12 | | | | |
| | | | | 32973 | 124.00 | 124.45 | 0.45 | | 1 | | | | |
| | | | 128.60 - slight potassic alteration. | 32974 | 124.45 | 125.30 | 0.85 | | 35 | | | | |
| | | | | 32975 | 125.30 | 126.10 | 0.80 | | 63 | | | | |
| | | | | 32976 | 126.10 | 127.30 | 1.20 | | 18 | | | | |
| | | | | 32977 | 127.30 | 127.93 | 0.63 | | 5 | | | | |
| | | | | 32978 | 127.93 | 128.60 | 0.67 | | 1 | | | | |
| | | | | 32979 | 128.60 | 129.75 | 1.15 | | 93 | | | | |
| | | | 133.30-135.20 - mildly silicified zone. | 32980 | 129.75 | 130.50 | 0.75 | | 76 | | | | |
| | | | | 32981 | 130.50 | 131.50 | 1.00 | | 680 | 0.80 | | | |
| | | | 136.10 - 10 cm moderate silicification around a 1 x 2 cm quartz vein 40°. | 32982 | 131.50 | 132.40 | 0.90 | | 62 | | | | |
| | | | | 32983 | 132.40 | 133.30 | 0.90 | | 9 | | | | |
| 137.25 | 144.90 | | Mildly to locally intense silicification quartz stockwork zone. | 32984 | 133.30 | 134.00 | 0.70 | | 1 | | | | |
| | | | | 32985 | 134.00 | 134.70 | 0.70 | | 1 | | | | |
| | | | 137.30-137.50 - white quartz vein 60°. | 32986 | 134.70 | 135.20 | 0.50 | | 193 | | | | |
| | | | | 32987 | 135.20 | 136.00 | 0.80 | | 6 | | | | |
| | | | 137.95-138.20 - white quartz vein 70°, intense local silicification. | 32988 | 136.00 | 136.25 | 0.25 | | 11 | | | | |
| | | | | 32989 | 136.25 | 137.25 | 1.00 | | 1 | | | | |
| | | | 140.43-140.64 - white quartz vein 70° with 2 coarse 2 cm blebs of pyritic, minor chlorite. | 32990 | 137.25 | 137.60 | 0.35 | | 5 | | | | |
| | | | | 32991 | 137.60 | 137.95 | 0.35 | | 1 | | | | |
| | | | | 32992 | 137.95 | 138.42 | 0.47 | | 163 | | | | |
| | | | 142.00 - 1 x 15 cm quartz vein 60°. | 32993 | 138.42 | 139.45 | 1.03 | | 14 | | | | |
| | | | | 32994 | 139.45 | 140.35 | 0.90 | | 9 | | | | |
| | | | 142.34-143.00 - intensely silicified, minor pyrite, 1 x 20 cm quartz-chlorite vein, trace pyrite. | 32995 | 140.35 | 140.70 | 0.35 | | 4880 | 2.80 | | | .142 |
| | | | | 32996 | 140.70 | 141.70 | 1.00 | | 210 | | | | |

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|---------------|--|--|-------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au * oz/tn | | | |
| | | | 152.22-152.46 - cream-white aplite vein 45°. | 72997 | 141.70 | 142.34 | 0.64 | | 44 | | | | | |
| | | | | 32998 | 142.34 | 143.00 | 0.66 | | 1740 | 1.80 | | | | 0.061 |
| | | | | 32999 | 143.00 | 143.50 | 0.50 | | 950 | 0.90 | | | | |
| | | | | 33000 | 143.50 | 144.40 | 0.90 | | 990 | 1.50 | | | | |
| | | | | 72001 | 144.40 | 144.90 | 0.50 | | 330 | | | | | |
| | | | | 72002 | 144.90 | 145.90 | 1.00 | | 26 | 0.20 | | | | |
| | | | | 72003 | 145.90 | 147.00 | 1.10 | | 25 | | | | | |
| | | | | 72004 | 147.00 | 148.10 | 1.10 | | 5 | | | | | |
| | | | | 72005 | 148.10 | 149.00 | 0.90 | | 1 | | | | | |
| | | | 156.50-157.00 - 4 x 2 mm 60° silicic joints. | 720006 | 156.50 | 157.00 | 0.50 | | 1 | | | | | |
| 163.00 | 174.30 | | Variably moderate to mild silicified zone with intermittent unaltered sections. | 72007 | 160.30 | 161.00 | 0.70 | | 15 | | | | | |
| | | | | 72008 | 161.00 | 162.00 | 1.00 | | 1 | | | | | |
| | | | | 72009 | 162.00 | 163.00 | 1.00 | | 9 | | | | | |
| | | | 164.60-165.00 - moderately intense silicified minor chlorite, pyrite. | 72010 | 163.00 | 163.90 | 0.90 | | 1 | | | | | |
| | | | | 72011 | 163.90 | 164.60 | 0.70 | | 1 | | | | | |
| | | | 165.60-166.50 - intensely silicified, minor chlorite, minor pyrite, 1 x 5 cm quartz vein 70°. | 72012 | 164.60 | 165.10 | 0.50 | | 61 | | | | | |
| | | | | 72013 | 165.10 | 165.60 | 0.50 | | 1 | | | | | |
| | | | | 72014 | 165.60 | 166.50 | 0.90 | | 210 | | | | | |
| | | | 167.20-167.70 - intensely silicified, minor chlorite vein 40°. | 72015 | 166.50 | 167.20 | 0.70 | | 1 | | | | | |
| | | | | 72016 | 167.20 | 167.70 | 0.50 | | 1 | | | | | |
| | | | 171.00-171.40 - intensely silicified. | 72017 | 167.70 | 169.00 | 1.30 | | 1 | | | | | |
| | | | | 72018 | 169.00 | 170.00 | 1.00 | | 1 | | | | | |
| | | | 171.80-174.30 - intensely silicified cream-brown with pepper-like chlorite texture. | 72019 | 170.00 | 171.00 | 1.00 | | 3 | | | | | |
| | | | | 72020 | 171.00 | 171.40 | 0.40 | | 1 | | | | | |

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|--------|-------|------|-----------|-----------|-----------|-----------|---------------|------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au * oz/tn | | |
| | | | 182.60-183.00 - epidote rich zone. | | | | | | | | | | | | |
| | | | 199.00-200.25 - 3 x 1 cm quartz-chlorite vein 40°, trace pyrite. | 72021 | 171.40 | 171.80 | 0.40 | | 1 | | | | | | |
| | | | | 72022 | 171.80 | 172.82 | 1.02 | | 1 | | | | | | |
| | | | | 72023 | 172.82 | 174.30 | 1.48 | | 1 | | | | | | |
| | | | | 72024 | 179.30 | 175.30 | 1.00 | | 1 | | | | | | |
| | | | | 72025 | 182.60 | 183.00 | 0.40 | | 1 | | | | | | |
| | | | | 72026 | 198.30 | 199.00 | 0.70 | | 1 | | | | | | |
| | | | | 72027 | 199.00 | 199.60 | 0.60 | | 141 | | | | | | |
| | | | | 72028 | 199.60 | 200.25 | 0.65 | | 115 | | | | | | |
| | | | | 72029 | 200.25 | 201.25 | 1.00 | | 1 | | | | | | |
| | | | | 72030 | 201.25 | 202.25 | 1.00 | | 1 | | | | | | |
| | | | 202.25-203.30 - 2 x 5 mm quartz veins 15°, minor pyrite. | 72031 | 202.25 | 203.30 | 1.05 | | 1250 | 1.00 | | | | .037 | |
| | | | | 72032 | 203.30 | 204.00 | 0.70 | | 16 | 0.20 | | | | | |
| 209.70 | 214.45 | | Moderately to intensely silicified zone, foliated at places, 30° (healed shear?), minor chlorite, trace pyrite. | 72033 | 209.00 | 209.70 | 0.70 | | 12 | 0.20 | | | | | |
| | | | | 72034 | 209.70 | 210.80 | 1.10 | | 269 | 0.40 | | | | | |
| | | | | 72035 | 210.80 | 211.80 | 1.00 | | 18 | | | | | | |
| | | | 213.50-214.45 - intensely silicified 3 x 2 cm carbonate-chlorite-pyrite veins rolling through core. | 27036 | 211.80 | 212.45 | 0.65 | | 13 | 0.20 | | | | | |
| | | | | 27037 | 212.45 | 213.50 | 1.05 | | 10 | | | | | | |
| | | | | 27038 | 213.50 | 214.45 | 0.95 | | 8350 | 3.10 | | | | .244 | |
| | | | 216.00-216.65 - 3 x 1 cm quartz vein 70°, local silicification. | 27039 | 214.45 | 215.49 | 1.04 | | 23 | 0.20 | | | | | |
| | | | | 27040 | 215.49 | 216.00 | 0.51 | | 43 | 0.20 | | | | | |
| | | | | 27041 | 216.00 | 216.65 | 0.65 | | 286 | 0.40 | | | | | |

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|--------|-------|------|-----------|-----------|-----------|-----------|-------------|--|
| | | | | | | | | | Au ppb | Ag ppm | Cu ppm | Zn ppm | Au oz/tn | |
| | | | | 72042 | 216.65 | 218.00 | 1.35 | | 8 | 0.30 | | | | |
| | | | | 72043 | 218.00 | 219.10 | 1.10 | | 13 | 0.20 | | | | |
| | | | | 72044 | 219.10 | 220.00 | 0.90 | | 250 | 0.30 | | | | |
| 219.10 | 220.59 | | Healed 30° foliated shear zone, moderately silicified. | 72045 | 220.00 | 220.59 | 0.59 | | 20 | | | | | |
| | | | | 72046 | 220.59 | 221.50 | 0.91 | | 1 | | | | | |
| | | | 223.65 - 1 x 5 cm 30° foliated hematite stained reddish-brown shear, minor carbonate and silicification. | 72047 | 223.50 | 223.80 | 0.30 | | 1 | | | | | |
| | | | 230.60 - 1 x 10 cm moderately silicified zone, minor pyrite. | 72048 | 230.00 | 230.50 | 0.50 | | 2 | | | | | |
| | | | | 72049 | 230.50 | 230.73 | 0.23 | | 580 | | | | | |
| 232.30 | 236.50 | | Variably silicified zone. | 72050 | 230.73 | 232.30 | 0.57 | | 1 | | | | | |
| | | | | 72051 | 232.30 | 233.00 | 0.70 | | 114 | | | | | |
| | | | 232.30-233.00 - moderately silicified, weak 30° foliation. | 72052 | 233.00 | 234.10 | 1.10 | | 11 | | | | | |
| | | | | 72053 | 234.10 | 234.70 | 0.60 | | 240 | | | | | |
| | | | 234.10-236.50 - moderately silicified. | 72054 | 234.70 | 235.70 | 1.00 | | 430 | | | | | |
| | | | | 72055 | 235.70 | 236.50 | 0.80 | | 720 | 0.50 | | | | |
| | | | 235.50-235.70 - quartz-chlorite vein 60°, trace pyrite. | 72056 | 236.50 | 237.00 | 0.50 | | 188 | | | | | |
| | | | | 72057 | 237.00 | 238.50 | 1.50 | | 6 | | | | | |
| | | | 239.25-239.88 - 2 x 2 mm quartz veins 40°, local silicification and trace pyrite. | 72058 | 238.50 | 239.25 | 0.75 | | 3 | | | | | |
| | | | | 72059 | 239.25 | 239.88 | 0.63 | | 840 | 0.50 | | | | |
| | | | | 72060 | 239.88 | 240.75 | 0.87 | | 72 | | | | | |
| | | | 240.90 - 2 x 1 cm silicic zones on 40° joints. | 72061 | 240.75 | 241.50 | 0.75 | | 460 | 0.50 | | | | |
| | | | | 72062 | 241.50 | 242.55 | 1.05 | | 171 | 0.20 | | | | |
| | | | 241.40 - 1 x 6 mm quartz vein 30°, trace pyrite. | 72063 | 242.55 | 244.10 | 1.55 | | 10 | | | | | |
| | | | | 72064 | 244.10 | 244.60 | 0.50 | | 196 | 0.20 | | | | |
| | | | 243.05 - 1 x 1 cm white aplite vein 60°. | 72065 | 244.60 | 245.97 | 1.37 | | 53 | | | | | |

PORCHER ISLAND PROPERTY

PI-88-88

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Dec. 1988

| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|--|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|--|------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | | |
| | | | 244.40 - 3 x 1 mm quartz-carbonate veins 50°, minor pyrite and silicification. | 72067 | 247.20 | 247.60 | 0.40 | | 6840 | 5.50 | | | | .200 |
| | | | | 72068 | 247.60 | 248.25 | 0.65 | | 3860 | 1.90 | | | | .113 |
| | | | | 72069 | 248.25 | 249.02 | 0.77 | | 16 | | | | | |
| | | | 244.90 - 1 x 2 cm mildly silicified zone. | 72070 | 249.02 | 249.70 | 0.68 | | 7 | | | | | |
| | | | | 72071 | 249.70 | 250.30 | 0.60 | | 47 | | | | | |
| | | | 247.30 - 1 x 7 cm quartz vein 30°. | | | | | | | | | | | |
| | | | 247.60-247.25 - moderately silicified. | | | | | | | | | | | |
| | | | 247.90-248.20 - quartz vein 40°, minor pyrite. | | | | | | | | | | | |
| | | | 249.70-250.30 - 2 x 1 cm silicic zone 80°, trace pyrite. | | | | | | | | | | | |
| | | | | 72072 | 251.40 | 251.70 | 0.30 | | 310 | 0.20 | | | | |
| | | | 253.80-253.95 - intensely silicified on a 45° joint plane, minor pyrite. | 72073 | 253.75 | 254.00 | 0.25 | | 335 | | | | | |
| | | | 261.00 - 1 x 4 mm quartz vein 60°, trace pyrite. | 72074 | 260.80 | 261.10 | 0.30 | | 27 | | | | | |
| | | | 261.70 - 1 x 4 mm quartz-pyrite vein 40°. | 72075 | 261.10 | 269.85 | 0.75 | | 220 | 0.20 | | | | |
| | | | | 72076 | 261.85 | 262.45 | 0.60 | | 8 | | | | | |
| | | | 262.45-263.10 - 3 x 3 mm quartz-pyrite veins 60°, local silicification. | 72077 | 262.45 | 263.10 | 0.65 | | 380 | 0.20 | | | | |
| | | | | 72078 | 263.10 | 264.00 | 0.90 | | 46 | | | | | |
| 264.20 | 270.50 | | Weak quartz stockwork system (veins <3%) at 30°, mild local silicification. | 72079 | 264.00 | 264.50 | 0.50 | | 290 | 0.20 | | | | |
| | | | | 72080 | 264.50 | 265.75 | 1.25 | | 86 | | | | | |
| | | | | 72081 | 265.75 | 266.32 | 0.57 | | 1050 | 0.70 | | | | .031 |

PORCHER ISLAND PROPERTY

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------|--|------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au* oz/tn | | |
| | | | 264.40 - 2 x 1 cm quartz veins 30°. | 72082 | 266.32 | 267.31 | 0.99 | | 103 | | | | |
| | | | | 72083 | 267.31 | 267.95 | 0.64 | | 215 | 0.20 | | | |
| | | | 265.75-266.32 - 1 x 1 cm quartz vein 30°, 2 x 2 mm quartz-pyrite veins 30°. | 72084 | 267.95 | 268.75 | 0.80 | | 540 | 0.30 | | | |
| | | | | 72085 | 268.75 | 269.40 | 0.65 | | 1220 | 0.70 | | | .036 |
| | | | | 72086 | 269.40 | 270.50 | 1.10 | | 2110 | 1.30 | | | .062 |
| | | | 268.05 - 1 x 3 cm quartz-chlorite vein 30°, trace pyrite. | 72087 | 270.50 | 271.10 | 0.60 | | 11 | | | | |
| | | | 268.65 - 1 x 2 cm quartz vein 25°, trace pyrite. | | | | | | | | | | |
| | | | 268.75-269.40 - 3 x 2 cm quartz veins 25°, trace pyrite, moderate silicification. | | | | | | | | | | |
| | | | 270.34 - 3 x 2 mm quartz veins 40°, trace pyrite. | | | | | | | | | | |
| | | | 279.40-279.80 - moderate epidote rich zone. | 72088 | 279.40 | 279.80 | 0.40 | | 11 | | | | |
| | | | 282.30 - 10 cm healed shear foliation 60°. | 72089 | 282.10 | 282.40 | 0.30 | | 13 | | | | |
| | | | 284.20-284.40 - dark grey with white 3 mm phenocryst aplite dike 35°, lower contact has 1 cm pink zone. | 72090 | 294.70 | 295.10 | 0.40 | | 123 | 0.20 | | | |
| | | | 294.74 - 1 x 1 cm quartz vein 40°. | | | | | | | | | | |
| | | | 299.88 - 1 x 2 cm cream-white aplite vein 20°. | 72091 | 309.20 | 309.45 | 0.25 | | 1290 | 1.00 | | | .038 |
| | | | 300.34 - 1 x 10 cm mild silicic zone., 2 x 2 mm carbonate vein 10°. | 72092 | 310.50 | 311.40 | 0.90 | | 1990 | 1.20 | | | .058 |

PORCHER ISLAND PROPERTY

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| From Meters | To Meters | Syb | Description | Sample No. | From To Meters | | Lgth. | Rec. | Analysis | | | | | |
|----------------|--------------|-----|---|---------------|-------------------|-----------|-------|------|-----------|-----------|--------------------------|--|--|------|
| | | | | | Au ppb | Ag ppm | | | Cu ppm | Zn ppm | Au [*] oz/tn | | | |
| | | | 309.30 - 1 x 2 cm silicified zone on 40° joint plane. | | | | | | | | | | | |
| | | | 310.40 - 1 x 2 cm white aplite vein 20°. | 72093 | 313.35 | 313.60 | 0.25 | | 630 | 0.80 | | | | |
| | | | 310.55 - 1 x 1 cm quartz vein 20°, trace pyrite. | | | | | | | | | | | |
| | | | 311.30 - 1 x 1 cm quartz vein 40°, minor pyrite and silicification. | 72094 | 315.70 | 316.08 | 0.38 | | 2490 | 1.40 | | | | .073 |
| | | | | 72095 | 316.08 | 317.20 | 1.12 | | 14 | | | | | |
| | | | 313.50 - 1 x 2 cm quartz vein 35°, minor pyrite and silicification. | 72096 | 317.20 | 317.60 | 0.40 | | 4110 | 3.20 | | | | .120 |
| | | | | 72097 | 317.60 | 318.40 | 0.80 | | 7 | | | | | |
| | | | 315.80 - 1 x 5 mm quartz vein 30°. | | | | | | | | | | | |
| | | | 317.20-317.60 - intensely silicified zone, 1 x 3 cm quartz-pyrite vein 45°, 4% pyrite. | | | | | | | | | | | |
| | | | 333.80-334.10 - 2 45° silicified joints. | | | | | | | | | | | |
| | | | | 72098 | 333.80 | 334.10 | 0.30 | | 960 | | | | | |
| | | | 336.24 - 1 x 3 cm quartz-chlorite vein 40°. | | | | | | | | | | | |
| | | | | 72099 | 336.10 | 336.34 | 0.24 | | 9450 | 6.50 | | | | .276 |
| | | | 342.20-342.80 - 2 x 5 cm silicic zone around 50° chlorite joints. | | | | | | | | | | | |
| | | | | 72100 | 342.20 | 342.80 | 0.60 | | 355 | 0.30 | | | | |
| | | | 345.20 - 1 x 4 cm quartz vein 70°, trace pyrite. | 72101 | 342.80 | 343.51 | 0.71 | | 25 | | | | | |
| | | | | 72102 | 343.51 | 344.20 | 0.69 | | 320 | 0.20 | | | | |
| | | | 345.55-345.86 - moderately silicified around 1 x 4 cm quartz-pyrite vein at 45°. | 72103 | 344.20 | 345.10 | 0.90 | | 14 | | | | | |
| | | | | 72104 | 345.10 | 345.55 | 0.45 | | 440 | 0.30 | | | | |
| | | | | 72105 | 345.55 | 345.86 | 0.31 | | 23040 | 12.70 | | | | .672 |

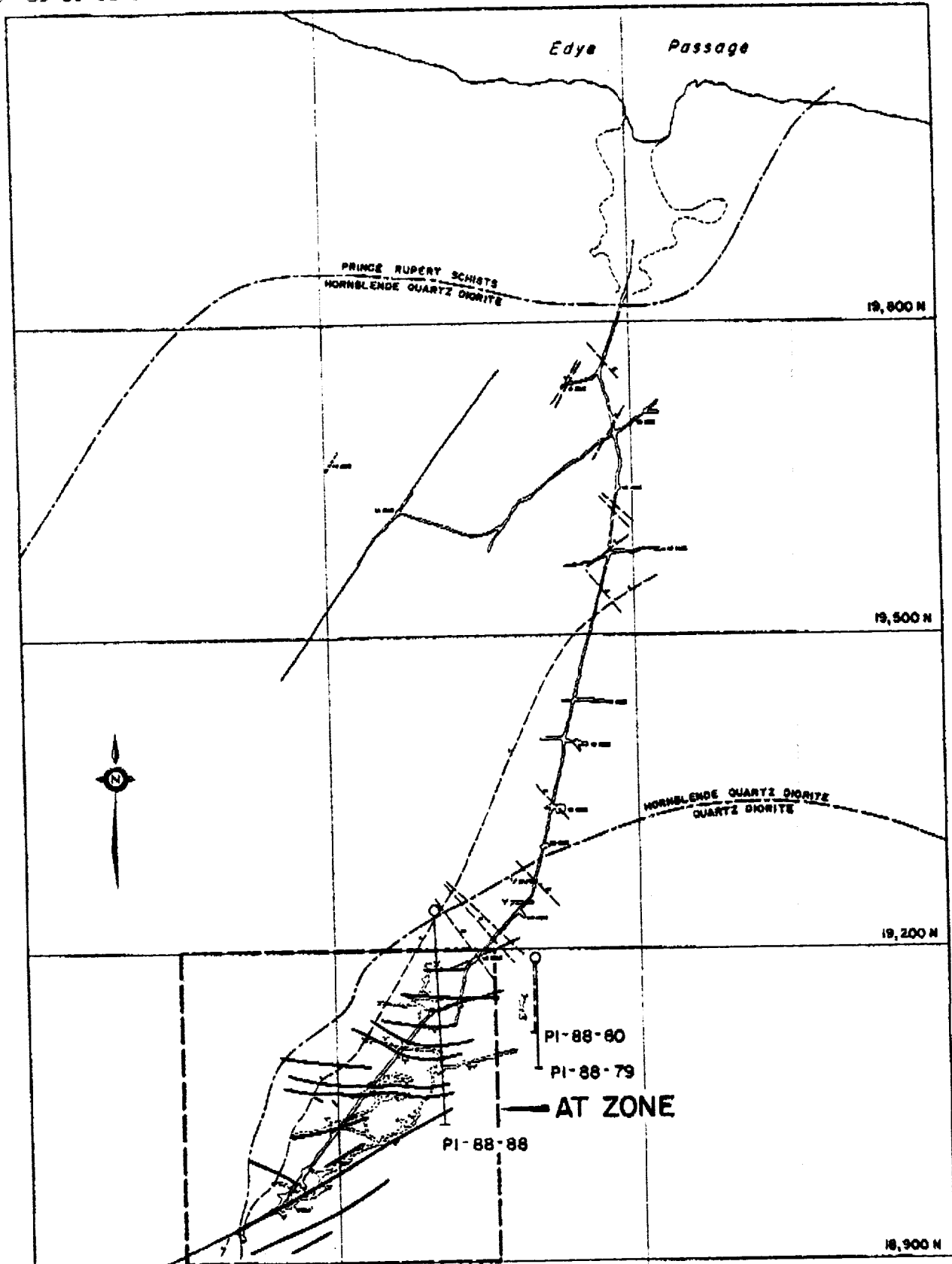
A P P E N D I X I I

ANALYTICAL DATA AND TECHNIQUES

CATHEDRAL GOLD CORP. PROJECT 4544 FILE # 88-5548

| SAMPLE# | Hg PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | St PPM | Cd PPM | Se PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Ce PPM | Mg % | Ba PPM | Ti % | E PPM | Al % | Na % | K % | W PPM | Au* PPE |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| E 108986 | 2 | 25 | 2 | 50 | .1 | 8 | 6 | 559 | 2.07 | 4 | 5 | ND | 1 | 106 | 1 | 2 | 2 | 19 | 1.24 | .076 | 6 | 7 | .64 | 85 | .07 | 2 | .99 | .04 | .16 | 1 | 10 |
| E 108987 | 1 | 15 | 2 | 51 | .1 | 4 | 6 | 746 | 2.34 | 3 | 5 | ND | 1 | 105 | 1 | 2 | 2 | 26 | 1.67 | .082 | 5 | 25 | .68 | 146 | .08 | 2 | 1.01 | .04 | .37 | 1 | 11 |
| E 108988 | 9 | 11 | 2 | 44 | .1 | 6 | 7 | 651 | 2.09 | 2 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 22 | 1.45 | .076 | 7 | 8 | .54 | 144 | .07 | 2 | .89 | .04 | .32 | 1 | 56 |
| E 108989 | 1 | 13 | 2 | 48 | .1 | 4 | 6 | 594 | 2.36 | 2 | 5 | ND | 1 | 73 | 1 | 2 | 2 | 23 | 1.40 | .082 | 5 | 21 | .64 | 123 | .07 | 4 | .93 | .03 | .28 | 1 | 2 |
| E 108990 | 3 | 7 | 2 | 41 | .1 | 5 | 5 | 965 | 2.06 | 2 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 15 | 3.23 | .082 | 8 | 7 | .61 | 52 | .01 | 2 | .91 | .03 | .13 | 1 | 48 |
| E 108991 | 1 | 9 | 2 | 36 | .1 | 4 | 6 | 834 | 2.40 | 3 | 5 | ND | 1 | 74 | 1 | 3 | 2 | 16 | 2.90 | .083 | 7 | 21 | .60 | 47 | .01 | 2 | .88 | .02 | .12 | 1 | 1 |
| E 108992 | 1 | 23 | 2 | 45 | .1 | 3 | 6 | 1286 | 2.46 | 3 | 5 | ND | 1 | 121 | 1 | 2 | 2 | 18 | 4.16 | .072 | 6 | 4 | .87 | 41 | .02 | 2 | 1.11 | .02 | .08 | 1 | 1 |
| E 108993 | 8 | 3 | 2 | 42 | .1 | 3 | 4 | 1197 | 2.35 | 3 | 5 | ND | 1 | 84 | 1 | 2 | 3 | 16 | 3.89 | .056 | 7 | 23 | .96 | 45 | .01 | 2 | 1.20 | .01 | .10 | 1 | 13 |
| E 108994 | 1 | 14 | 2 | 52 | .1 | 7 | 7 | 779 | 2.33 | 2 | 5 | ND | 1 | 131 | 1 | 2 | 2 | 18 | 1.85 | .076 | 8 | 6 | .67 | 52 | .02 | 2 | 1.05 | .02 | .07 | 1 | 4 |
| E 108995 | 1 | 38 | 2 | 26 | .1 | 4 | 4 | 680 | 1.65 | 2 | 5 | ND | 1 | 59 | 1 | 2 | 2 | 12 | 2.42 | .060 | 8 | 30 | .47 | 38 | .01 | 2 | .74 | .02 | .07 | 1 | 4 |
| E 108996 | 1 | 38 | 2 | 30 | .1 | 6 | 5 | 736 | 2.09 | 5 | 5 | ND | 2 | 97 | 1 | 2 | 2 | 15 | 2.59 | .066 | 12 | 6 | .59 | 46 | .01 | 3 | 1.04 | .02 | .09 | 1 | 1 |
| E 108997 | 1 | 10 | 2 | 49 | .1 | 2 | 6 | 540 | 1.97 | 4 | 5 | ND | 1 | 147 | 1 | 2 | 2 | 22 | .95 | .066 | 6 | 16 | .55 | 118 | .08 | 2 | 1.03 | .04 | .29 | 1 | 1 |
| E 108998 | 2 | 22 | 2 | 28 | .1 | 7 | 4 | 409 | 1.26 | 2 | 5 | ND | 3 | 49 | 1 | 2 | 2 | 12 | .84 | .041 | 4 | 8 | .33 | 94 | .05 | 2 | .61 | .03 | .23 | 1 | 1 |
| E 108999 | 1 | 38 | 2 | 55 | .1 | 1 | 5 | 933 | 2.41 | 3 | 5 | ND | 1 | 101 | 1 | 2 | 2 | 20 | 2.64 | .084 | 8 | 18 | .76 | 68 | .03 | 2 | 1.05 | .02 | .16 | 1 | 8 |
| E 109000 | 1 | 8 | 2 | 41 | .1 | 5 | 5 | 627 | 1.83 | 2 | 5 | ND | 1 | 72 | 1 | 2 | 2 | 16 | 1.63 | .059 | 5 | 7 | .50 | 65 | .04 | 2 | .73 | .02 | .13 | 1 | 1 |
| C 32001 | 1 | 24 | 2 | 42 | .1 | 5 | 6 | 696 | 1.79 | 3 | 5 | ND | 1 | 96 | 1 | 2 | 2 | 16 | 1.93 | .064 | 5 | 25 | .52 | 85 | .05 | 2 | .81 | .03 | .17 | 1 | 1 |
| C 32002 | 1 | 60 | 2 | 49 | .1 | 4 | 6 | 751 | 1.94 | 2 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 16 | 1.56 | .063 | 5 | 5 | .60 | 72 | .05 | 2 | .86 | .02 | .14 | 1 | 11 |
| C 32003 | 1 | 9 | 4 | 42 | .1 | 5 | 5 | 656 | 1.65 | 2 | 5 | ND | 1 | 76 | 1 | 2 | 2 | 12 | 1.77 | .067 | 6 | 24 | .52 | 66 | .04 | 2 | .74 | .03 | .13 | 1 | 5 |
| C 32004 | 1 | 9 | 2 | 48 | .1 | 7 | 5 | 526 | 1.71 | 2 | 5 | ND | 1 | 55 | 1 | 2 | 2 | 15 | .58 | .073 | 6 | 7 | .55 | 94 | .06 | 2 | .81 | .03 | .19 | 1 | 1 |
| C 32005 | 15 | 8 | 2 | 44 | .1 | 3 | 6 | 653 | 1.81 | 2 | 5 | ND | 1 | 70 | 1 | 2 | 2 | 15 | 1.58 | .065 | 6 | 25 | .52 | 88 | .05 | 2 | .81 | .03 | .18 | 1 | 13 |
| STD C/AU-R | 17 | 61 | 36 | 133 | 6.7 | 68 | 31 | 1019 | 4.09 | 41 | 23 | 8 | 38 | 48 | 16 | 19 | 17 | 59 | .58 | .092 | 39 | 60 | .94 | 174 | .07 | 65 | 1.55 | .06 | .14 | 11 | 535 |

| SAMPLE# | Mo PPM | Cu PPM | Pb PPM | Zn PPM | Ag PPM | Ni PPM | Co PPM | Mn PPM | Fe % | As PPM | U PPM | Au PPM | Th PPM | St PPM | Cd PPM | Sb PPM | Bi PPM | V PPM | Ca % | P % | La PPM | Cr PPM | Mg % | Ba PPM | Ti % | B PPM | Al % | Na % | K % | W PPM | Au* PPB |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| E 72104 | 1 | 6 | 2 | 44 | .3 | 2 | 4 | 502 | 1.43 | 2 | 5 | ND | 1 | 54 | 1 | 2 | 2 | 15 | 1.06 | .050 | 5 | 5 | .44 | 148 | .07 | 2 | .75 | .03 | .26 | 1 | 440 |
| E 72105 | 2 | 38 | 2 | 39 | 12.7 | 4 | 12 | 631 | 3.09 | 4 | 5 | 19 | 1 | 62 | 1 | 2 | 7 | 7 | 2.41 | .042 | 6 | 5 | .40 | 53 | .01 | 3 | .68 | .02 | .12 | 1 | 23040 |
| E 72106 | 1 | 5 | 2 | 48 | .1 | 2 | 4 | 450 | 1.30 | 2 | 5 | ND | 1 | 90 | 1 | 2 | 2 | 15 | .92 | .052 | 7 | 6 | .46 | 153 | .07 | 3 | .86 | .04 | .29 | 1 | 67 |
| E 72107 | 4 | 26 | 2 | 45 | 2.1 | 3 | 6 | 769 | 1.73 | 3 | 5 | ND | 1 | 90 | 1 | 2 | 2 | 16 | 3.05 | .047 | 5 | 5 | .45 | 137 | .07 | 2 | .76 | .03 | .32 | 1 | 2940 |
| E 72108 | 1 | 19 | 3 | 41 | .3 | 1 | 3 | 990 | 1.61 | 2 | 5 | ND | 1 | 87 | 1 | 2 | 2 | 11 | 2.92 | .051 | 4 | 4 | .49 | 92 | .05 | 2 | .73 | .03 | .18 | 1 | 600 |
| E 72109 | 1 | 9 | 2 | 49 | .1 | 2 | 4 | 526 | 1.38 | 2 | 5 | ND | 1 | 56 | 1 | 2 | 2 | 14 | 1.00 | .055 | 5 | 6 | .52 | 115 | .07 | 2 | .80 | .03 | .23 | 1 | 63 |
| E 72110 | 2 | 25 | 2 | 37 | 1.6 | 2 | 5 | 715 | 1.64 | 4 | 5 | ND | 1 | 67 | 1 | 2 | 2 | 9 | 2.06 | .053 | 5 | 5 | .41 | 72 | .02 | 5 | .64 | .03 | .12 | 1 | 2550 |
| E 72111 | 1 | 8 | 2 | 48 | .1 | 1 | 4 | 560 | 1.46 | 2 | 5 | ND | 1 | 84 | 1 | 2 | 2 | 14 | 1.22 | .052 | 6 | 6 | .50 | 102 | .06 | 2 | .83 | .03 | .16 | 1 | 29 |
| E 72112 | 2 | 9 | 2 | 23 | 1.5 | 1 | 2 | 769 | 1.39 | 2 | 5 | ND | 1 | 77 | 1 | 2 | 2 | 7 | 2.75 | .061 | 6 | 3 | .33 | 58 | .01 | 2 | .58 | .04 | .11 | 1 | 2440 |
| E 72113 | 1 | 10 | 2 | 44 | .1 | 3 | 4 | 623 | 1.58 | 2 | 5 | ND | 1 | 53 | 1 | 2 | 2 | 15 | 1.54 | .055 | 5 | 6 | .47 | 99 | .05 | 3 | .79 | .04 | .17 | 1 | 58 |
| E 72114 | 1 | 7 | 2 | 49 | .1 | 3 | 4 | 495 | 1.64 | 3 | 5 | ND | 1 | 49 | 1 | 2 | 2 | 23 | .59 | .053 | 6 | 6 | .50 | 197 | .11 | 2 | .88 | .05 | .45 | 1 | 17 |
| E 72115 | 1 | 11 | 2 | 50 | .1 | 3 | 4 | 514 | 1.65 | 4 | 5 | ND | 1 | 48 | 1 | 2 | 3 | 26 | .63 | .063 | 5 | 7 | .52 | 212 | .12 | 2 | .85 | .04 | .40 | 1 | 1 |
| E 72116 | 1 | 40 | 2 | 43 | .1 | 2 | 4 | 862 | 1.31 | 2 | 5 | ND | 1 | 124 | 1 | 2 | 2 | 12 | 3.23 | .053 | 5 | 6 | .46 | 85 | .05 | 2 | .77 | .03 | .16 | 1 | 5 |
| E 72117 | 1 | 18 | 3 | 44 | .1 | 1 | 2 | 985 | 1.38 | 3 | 5 | ND | 1 | 144 | 1 | 2 | 2 | 9 | 3.33 | .062 | 5 | 5 | .55 | 60 | .03 | 2 | .86 | .04 | .13 | 1 | 6 |
| E 72118 | 1 | 15 | 2 | 45 | .1 | 1 | 4 | 684 | 1.46 | 2 | 5 | ND | 1 | 136 | 1 | 2 | 2 | 12 | 2.21 | .060 | 6 | 6 | .48 | 81 | .05 | 2 | .90 | .06 | .15 | 1 | 1 |
| E 72119 | 1 | 11 | 2 | 44 | .1 | 3 | 4 | 438 | 1.25 | 2 | 5 | ND | 1 | 104 | 1 | 2 | 2 | 14 | 1.02 | .057 | 6 | 7 | .45 | 99 | .07 | 2 | .81 | .04 | .16 | 1 | 1 |
| E 72120 | 1 | 4 | 2 | 45 | .1 | 2 | 5 | 600 | 1.16 | 2 | 5 | ND | 1 | 97 | 1 | 2 | 2 | 8 | 2.28 | .054 | 6 | 6 | .53 | 44 | .05 | 4 | .87 | .04 | .08 | 1 | 1 |
| E 72121 | 1 | 9 | 2 | 44 | .1 | 3 | 5 | 435 | 1.21 | 2 | 5 | ND | 1 | 52 | 1 | 2 | 2 | 13 | 1.17 | .056 | 5 | 5 | .46 | 94 | .06 | 2 | .73 | .03 | .16 | 1 | 1 |



LEGEND

- BASALT DYKE
- ANDESITE DYKE
- FAULT
- ORE ZONE (1015 LEVEL)
- DRIFT OUTLINE (1015 ADIT)
- DRIFT OUTLINE (1110 ADIT)

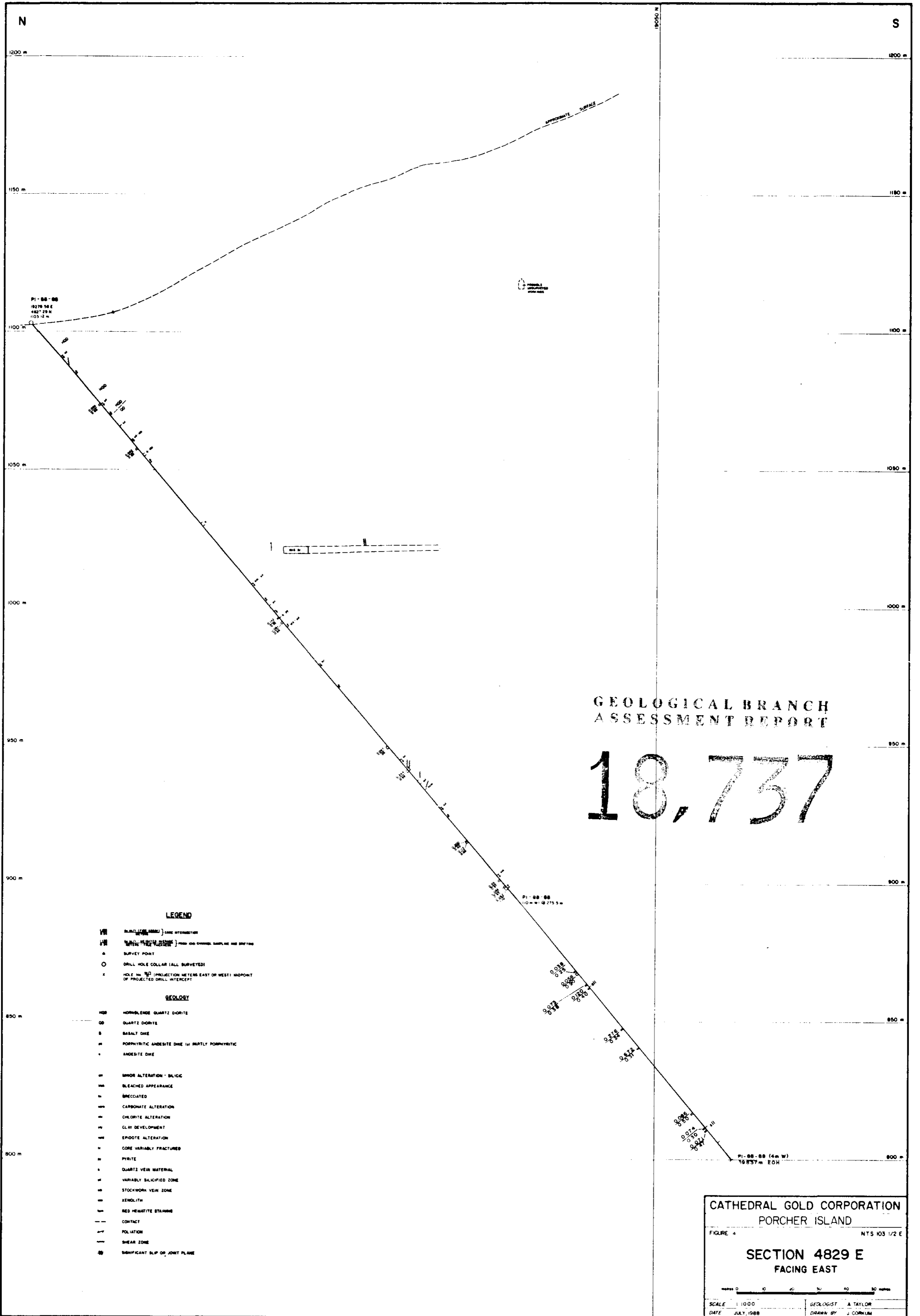
0 50 100 150 M

CATHEDRAL GOLD CORPORATION
PORCHER ISLAND

FIGURE 3
GENERAL GEOLOGY &
DRIFT OUTLINE
1015 & 1110 LEVEL

0.7

5.00



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,737

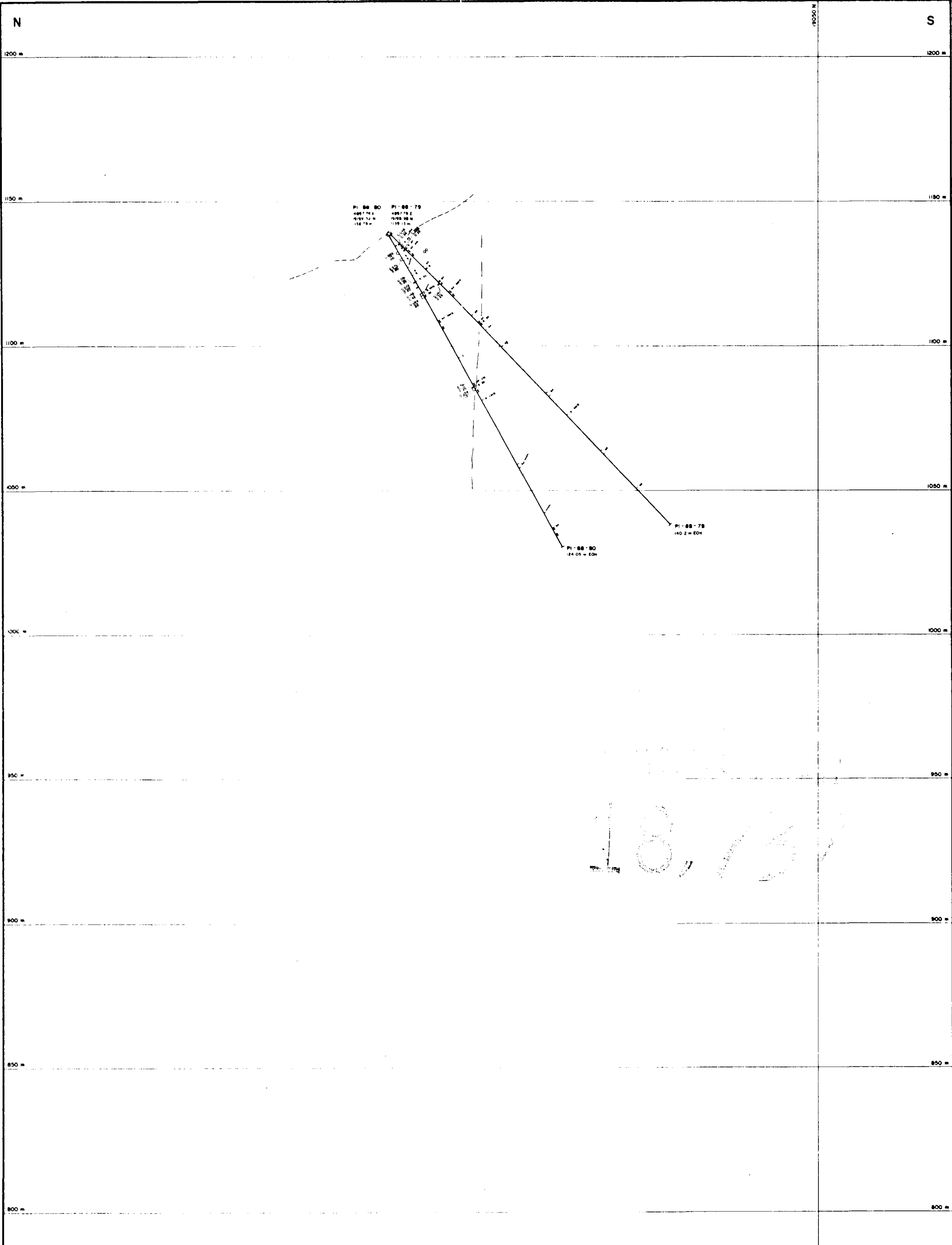
LEGEND

- (with vertical line) DRILL LOG (SAMPLE) CORE INTERSECTION
- (with vertical line) DRILL LOG (SAMPLE) FROM JOE CHANNEL SAMPLE AND DRIFT
- SURVEY POINT
- DRILL HOLE COLLAR (ALL SURVEYED)
- × HOLE NO. (PROJECTION METERS EAST OR WEST) MIDPOINT OF PROJECTED DRILL INTERCEPT

GEOLOGY

- HQB HORNBLENDE QUARTZ DIORITE
- QD QUARTZ DIORITE
- B BASALT DIKE
- PA PORPHYRIC ANDESITE DIKE (PARTLY PORPHYRIC)
- A ANDESITE DIKE
- MA MINOR ALTERATION - SILICIC
- BA BLEACHED APPEARANCE
- ME BRECCIATED
- CA CARBONATE ALTERATION
- CH CHLORITE ALTERATION
- CL CLAY DEVELOPMENT
- EP EPIDOTE ALTERATION
- CF CORE VARIABLY FRACTURED
- PI PYRITE
- QV QUARTZ VEIN MATERIAL
- VS VARIABLY SILICIFIED ZONE
- SV STOCKWORK VEIN ZONE
- XEN XENOLITH
- RS RED HEMATITE STAINING
- CONTACT
- FOLIATION
- SHEAR ZONE
- SIGNIFICANT SLIP OR JOINT PLANE

CATHEDRAL GOLD CORPORATION
PORCHER ISLAND
FIGURE 4 NTS 103 1/2 E
SECTION 4829 E
FACING EAST
SCALE 1:1000
DATE JULY, 1988
GEOLOGIST A. TAYLOR
DRAWN BY J. CORNUM



| | |
|--|---------------------|
| CATHEDRAL GOLD CORPORATION | |
| PORCHER ISLAND | |
| FIGURE 3 | NTS 103 1/2 E |
| SECTION 4900 E | |
| FACING EAST | |
| <small>metres 0 10 20 30 40 50</small> | |
| SCALE 1:1000 | GEOLOGIST A. TAYLOR |
| DATE DECEMBER, 1968 | DRAWN BY J. CORNUM |