PORCHER ISLAND - NOVEMBER 1987 THROUGH JANUARY 1988

DIAMOND DRILL AND GEOPHYSICAL EXPLORATION PROGRAM

CLAIMS:	Tippy	38573
	Toby 1	38574
	Toby 2	38575
	Kerry	38576
	BR1	829
	BR2	830
	Edye Pass	210
	Jolt	6253
	Pro fr	6252
MINING DIVISION:	Skeena	
NTS:	103J/2E	
LATITUDE:	54° 01' 30" N	
LONGITUDE:	130° 35' 30" W	
OWNER:	Cathedral Gold Corporation	
OPERATOR:	Cathedral Gold Corporation	
AUTHOR:	Alan B. Taylor	
DATE:	February 1988	

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SUMMARY

The Porcher Island property is situated on tidewater in the northwestern corner of Porcher Island 40 km southwest of Prince Rupert, British Columbia. The Surf Point Mine, located on the property, produced gold from approximately 77,800 tons of 0.29 oz/t gold ore in the mid 1930's. Two underground levels were established in the past; both intersected auriferous quartz veins in a small Cretaceous age diorite boss. This diorite body intrudes the Jurassic age basement rocks of the Prince Rupert schists and amphibolites.

The 1987-88 program consisted of 7,971 feet of diamond drilling over 14 holes, 10 of which tested for vein continuity both between and at depth in the Surf Point workings. The remaining four holes tested major shear structures cutting both diorite and amphibolite for their gold potential. A geophysical IP survey was also carried out over 12.85 line kilometers.

Results are encouraging in that most projected veins were intersected and it was also found that low grade gold bearing rock is present both on the flanks of most veins and in silicified diorite. The four holes outside the mine site all intersected ore grade material and prove that mineralizing fluids have entered the shear zones also. A number of IP anomalies were located both in the diorite and schist terrane and should be tested in the future.

Further drilling, geophysics and geology are strongly recommended to follow-up on existing anomalies and test for aditional zones.

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 Edye 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.

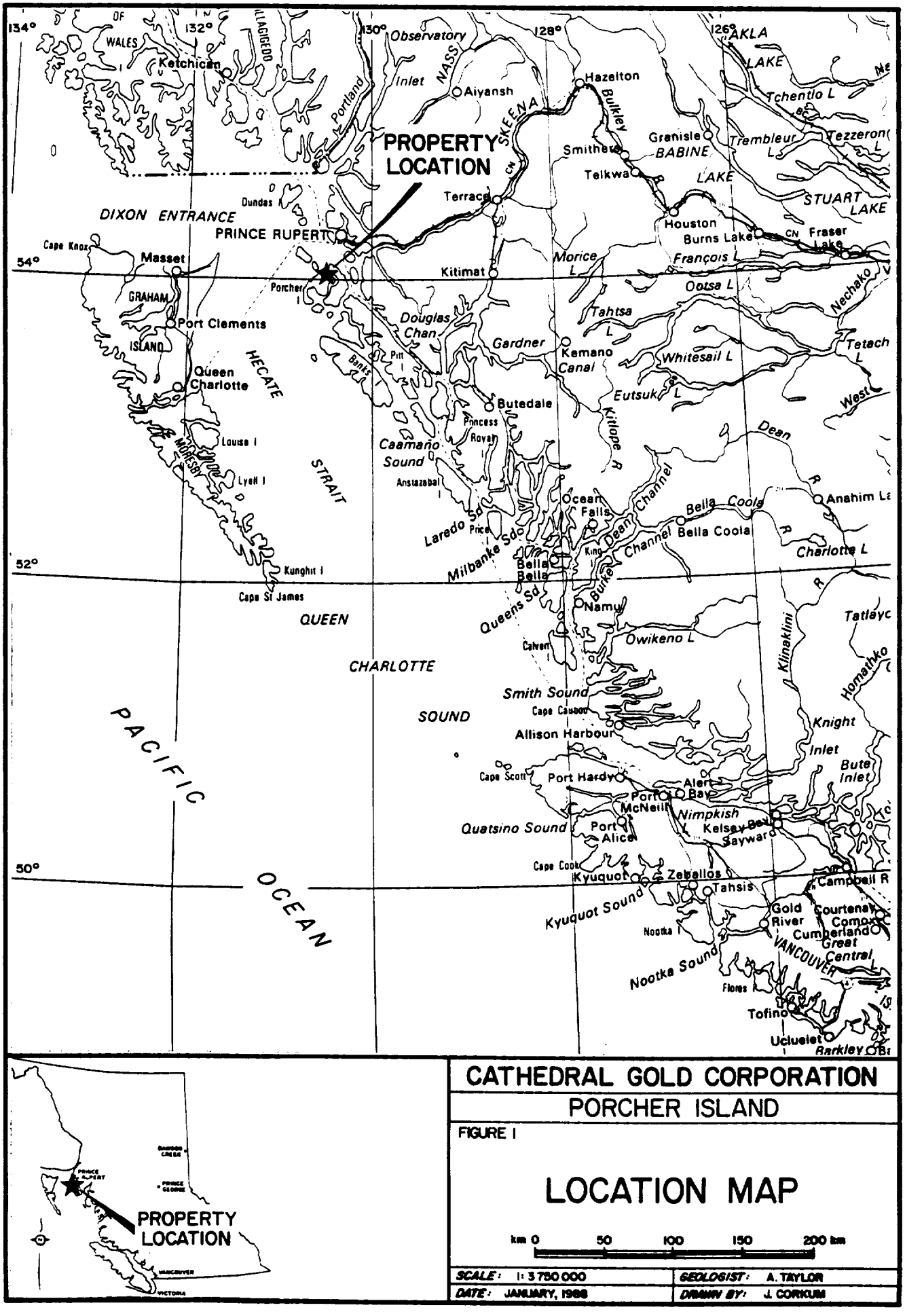
Vegetation is typical of coastal-type settings ranging from wind-blown stunted scrub vegetation in areas of muskeg to tall stands of spruce and cedar on steeper, better drained slopes. Topographically, the property contains rolling hills with moderate slopes and a highest elevation of 1,600 feet on Bell 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.

Crown Grants	Lot No.	Units	Record Date
Western Hope	L6516	1	Sept 03, 1927
Pirate	L6953	1	May 22, 1950
Roward	L6955	1	May 27, 1950
Jeanie	L7191	1	May 22, 1950
Nabob	L7192	1	May 22, 1950
Trixie	L6515	1	Sept 03, 1927

Claims	Record No.	Units	Record Date
Tippy	38573	1	May 01, 1974
Toby 1	38574	1	May 01, 1974
Toby 2	38575	1	May 01, 1974
Kerry	38576	1	May 01, 1974
Edye Pass	210	4	Mar 19, 1974
BR 1	829	12	Nov 14, 1978
BR 2	830	3	Nov 14, 1978
Jolt	6253	6	Jul 07, 1987
Profr	6252	1	Jul 07, 1987



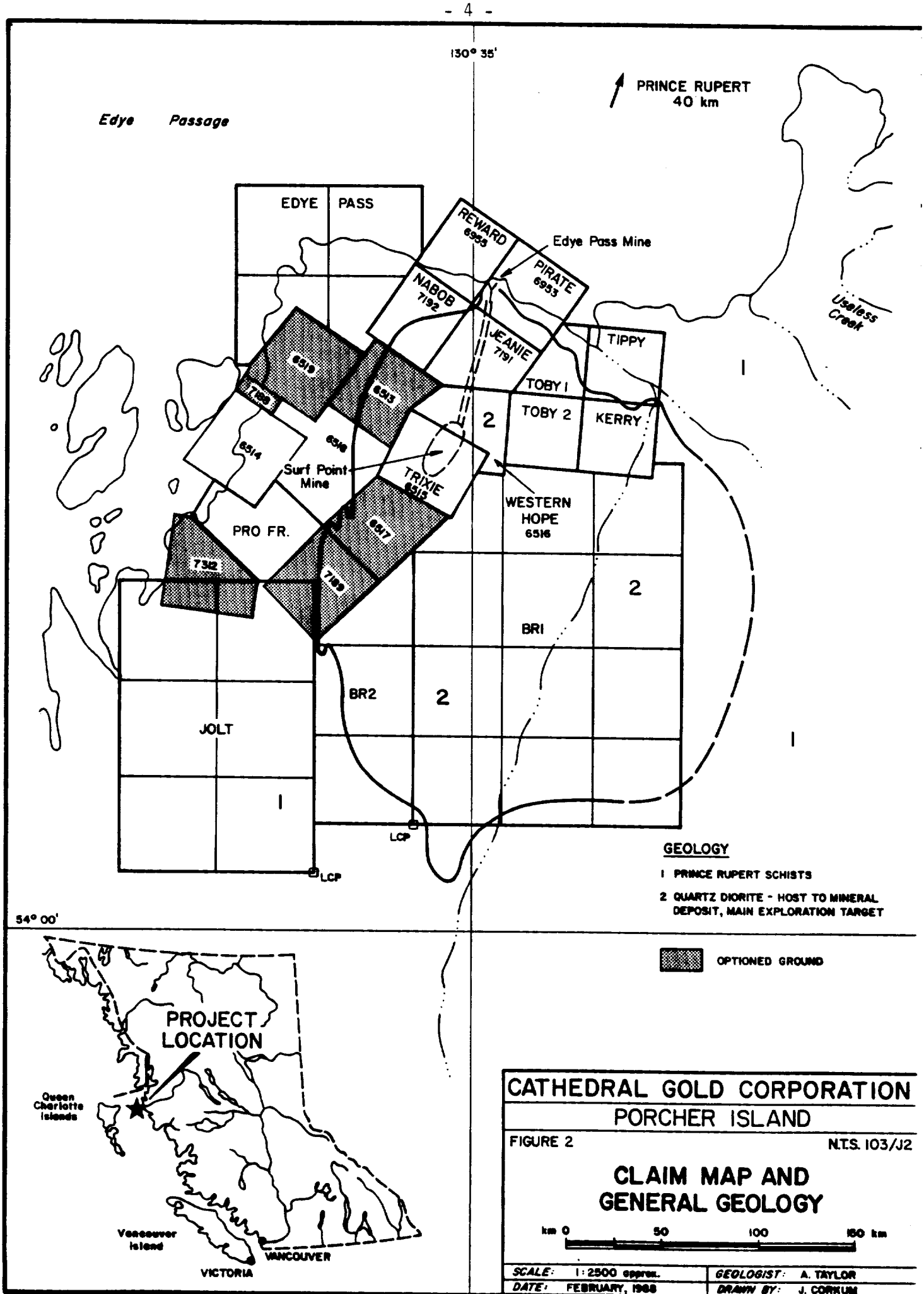
CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

FIGURE 1

LOCATION MAP

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



CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

FIGURE 2 N.T.S. 103/J2

CLAIM MAP AND GENERAL GEOLOGY

km 0 50 100 150 km

SCALE: 1:2500 approx.	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1968	DRAWN BY: J. CORKUM

Cathedral Gold Corporation also hols 7 crown grants adjoining the main property under a 1987 option agreement, these are as follows:

Crown Grant	Lot No.	Crown Grant	Lot No.
Eagle	6513	Starlight	7189
IXL	6517	HSD	7312
IXL fr	6518	Klim	6519
HED fr	7188		

3.0 A SUMMARY OF WORK COMPLETED

Approximately 1.3km of line was cut and surveyed in for horizontal and vertical control by transit in order to establish a mine grid that is tied into the previously surveyed underground. Survey shots were taken from known survey pins or identification posts by McElhanney Surveying and Engineering Ltd. from Prince Rupert.

A helicopter supported camp was established at the old Surf Point Mine site in preparation for drilling. Approximately 13 line kilometers of the "Mine Grid" was compassed, chained, flagged and cut in preparation for a geophysical survey.

A total of 12.85 line kilometers of induced polarization survey was completed by Scott Geophysics Ltd. (see Appendix 1). A total of 7,971 feet of diamond drilling was carried out over 14 holes by J.T. Thomas Diamond Drilling Ltd. using a Longyear 38 helicopter supported drill.

A total of 1,080 core samples were analyzed by Acme Labs, Vancouver. Analyses consisted of a 30 element ICP, and Au by Atomic Absorption. Where gold analyzed greater than 1,000 ppb a fire assay was completed to determine ounces per ton (refer to Appendix 3).

4.0 GENERAL GEOLOGY

Basement rocks on the property consist of the Jurassic age Prince Rupert Schists which consist of metavolcanics, amphibolites and meta-intrusives. These rocks exhibit moderate to strong subvertical foliation and have undergone greenschist to amphibolite metamorphism.

The Prince Rupert Schists have been intruded by a Cretaceous age quartz diorite boss consisting of an outer peripheral hornblende quartz diorite (HQD) and an inner core of quartz diorite (QD). This intrusion is part of the Coast Range Batholith and is subcircular in shape with a diameter of approximately 2.4 km (refer to Figure 2). The auriferous quartz veins mined at Surf Point occur within the quartz diorite body near the intrusive contact with the basement rocks.

The quartz diorite body is cut by several different ages of dykes and quartz veins. Gabboric and andesitic dykes are cut by quartz veins which are in turn injected by basaltic dykes which could be as young as tertiary in age. It is apparent that all dykes have entered along zones of weaknesses such as joints or shears.

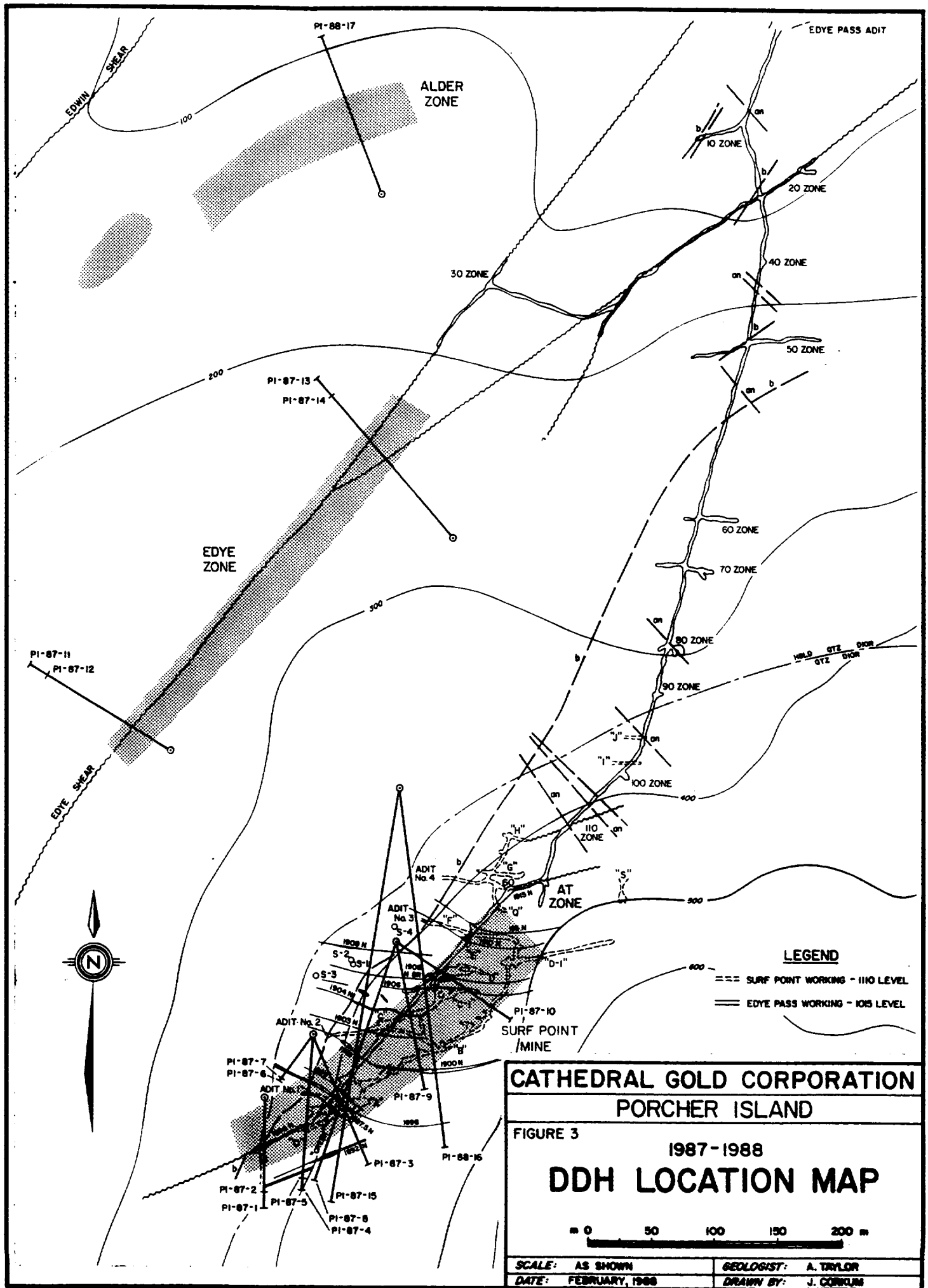
5.0 HISTORY OF PREVIOUS EXPLORATION

Initial exploration, prospecting with subsequent trenching and minor underground work was carried out from 1916 to 1932. The Surf Point Mine owned by N.A. Timmins Corporation produced from 1932 through 1937 from a 25 ton per day flotation plant. The mine was sold to Reward Mining Company (which also owned the Edye Pass Mine) in 1937 and in 1938 a fire destroyed the mill. Following the fire, a new company, Porcher Island Mines Ltd., was formed and a new 50 ton per day mill was constructed but at the outbreak of World War II the mine was closed in October 1939. Overall records indicate total production includes approximately 77,800 tons of ore running 0.29 oz/ton gold.

In 1975, Tombill Mines Ltd. optioned the property and carried out a limited underground diamond drill program. This option was subsequently dropped and in 1976 Carolin Mines Ltd. optioned the property and carried out limited surficial evaluation but terminated its option in April 1976.

Banwan Gold Mines Ltd. next optioned the property and carried out a four hole surface diamond drill program in October 1978 at the Surf Point Mine. This prompted Banwan to carry out an extensive underground exploration program funded by E & B Explorations Ltd. up to June 1980 consisting of 1,342 feet of crosscutting and slashing and 50 underground drill holes.

Since the 1980 activity no work was carried out on the property until Imperial Metals Corporation carried out a geochemical survey in May 1987 and subsequently the Cathedral Gold Corporation follow-up diamond drill program commencing November 1987.


EDYE PASS ADIT
ALDER ZONE
EDYE ZONE
EDWIN SHEAR
EDYE SHEAR
10 ZONE
20 ZONE
30 ZONE
40 ZONE
50 ZONE
60 ZONE
70 ZONE
80 ZONE
90 ZONE
100 ZONE
110 ZONE
AT ZONE
PI-88-17
PI-87-13
PI-87-14
PI-87-11
PI-87-12
PI-87-10
PI-87-7
PI-87-6
PI-87-9
PI-87-3
PI-88-16
PI-87-2
PI-87-1
PI-87-5
PI-87-15
PI-87-8
PI-87-4
ADIT No. 4
ADIT No. 3
ADIT No. 2
ADIT No. 1
SURF POINT MINE
LEGEND
SURF POINT WORKING - 1110 LEVEL
EDYE PASS WORKING - 1015 LEVEL
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND
FIGURE 3
1987-1988
DDH LOCATION MAP
m 0 50 100 150 200 m
SCALE: AS SHOWN
GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988
DRAWN BY: J. CORKUM

6.0 ECONOMIC GEOLOGY AND PROGRAM OBJECTIVES

The auriferous pyritic quartz veins occur as dilatent hydrothermal replacement veins both in the Prince Rupert Schists and diorite intrusion with the Surf Point workings located exclusively in the quartz diorite.

Numerous small widely spaced quartz-pyrite veins occur within the Hornblende Quartz Diorite as seen in the Edye Pass Adit but only three main zones were actually mined (20, 30, 50 zones) producing about 12,000 tons of 0.20 oz/t gold. The ore veins in the QD occur in steeply dipping shear zones or joint planes near the HQD/QD contact. Approximately 30 veins were identified in the Surf Point Mine with 85% of total production to 1938 coming from six veins known as the C, B, D, A, G, and C-1 veins. After the 1015 crosscut development was completed most of these projected veins were apparently intersected on the 1015 level at an average of 87.17m (286 feet) below the Surf Point 1110 level. It was speculated that reserves from 76.2m (250 feet) below the 1015 level to the 1110 level were approximately 250,000 tons of 0.27 oz/t gold.

The quartz veins have two principal strike directions N65° and east-west with a general dip of 80 to 85° to the north with minimal post-ore faulting.

The major part of the 1987 exploration program was designed to test the continuity of these veins between levels and at depth and test for a bulk tonnage potential. Other areas of interest including major shears and gold showings elsewhere on the property would also be targeted for both geophysics and drilling tests for additional tonnages.

PORCHER ISLAND - DIAMOND DRILLING SUMMARY
NOVEMBER-DECEMBER 1987
SUMMARY OF SIGNIFICANT INTERSECTION (WEIGHTED AVERAGES)

Hole #	Collar Location(m) Easting	Northing	Elevation(m) (Mine Grid)	Attitude Azimuth	Dip	Depth ft/m	Date Commenced	Date Complete	From	To	Feet	oz/t Au
PI-87-1	4596	18979	1100	170°	-45°	447/136.25	Nov. 8, 1987	Nov. 12, 1987	49.0	53.0	4.0	0.105
									176.0	182.0	6.0	0.418
									329.0	334.0	5.0	0.035
									373.0	380.0	7.0	0.038
PI-87-2	4596	18979	1100	170°	-70°	597/181.96	Nov. 12, 1987	Nov. 14, 1987	173.0	177.0	4.0	0.158
									217.0	224.0	7.0	0.052
									343.0	352.1	9.1	0.084
									448.0	466.0	8.0	0.039
PI-87-3	4638	19027	1109	158°	-45°	503/153.00	Nov. 14, 1987	Nov. 17, 1987	186.0	195.0	9.0	0.058
									228.0	261.6	33.6	0.287
									314.0	321.0	7.0	0.050
PI-87-4	4638	19027	1109	177°	-45°	557/169.77	Nov. 17, 1987	Nov. 19, 1987	172.8	188.0	15.2	0.076
									219.0	296.0	77.0	0.205
PI-87-5	4638	19027	1109	177°	-60°	747/227.68	Nov. 19, 1987	Nov. 21, 1987	68.3	75.0	6.7	0.233
									86.0	98.2	12.2	0.139
									135.0	138.5	3.5	0.078
									432.0	440.0	8.0	0.048
									454.5	462.0	7.5	0.079
									696.0	704.0	8.0	0.054
PI-87-6	4638	19027	1109	215°	-45°	205/62.48	Nov. 21, 1987	Nov. 22, 1987	67.4	71.0	3.6	0.095
									97.0	99.0	2.0	0.131
									197.0	205.0	8.0	0.050
PI-87-7	4638	19027	1109	215°	-75°	506/154.23	Nov. 22, 1987	Nov. 23, 1987	116.4	131.0	14.6	0.089
									150.0	157.0	7.0	0.258
									177.5	180.0	2.5	0.115
									190.0	197.0	7.0	0.052
									221.0	228.0	7.0	0.043
									319.0	328.4	9.4	0.110
									373.0	381.0	8.0	0.353

PORCHER ISLAND - DIAMOND DRILLING SUMMARY (con't)
NOVEMBER-DECEMBER 1987
SUMMARY OF SIGNIFICANT INTERSECTION (WEIGHTED AVERAGES)

Hole #	Collar Location(m) Easting	Northing	Elevation(m) (Mine Grid)	Attitude Azimuth	Dip	Depth ft/m	Date Commenced	Date Complete	From	To	Feet	oz/t Au
PI-87-8	4700	19093	116.5	195°	-45°	837/225.12	Nov. 24, 1987	Nov. 27, 1987	78.0	85.0	7.0	0.069
									235.0	268.3	33.3	0.119
									311.0	313.0	2.0	0.172
									528.8	529.3	0.5	0.621
									589.0	589.5	0.5	0.680
									635.0	643.0	8.0	0.052
									674.4	674.9	0.5	0.499
									708.0	713.0	5.0	0.099
									725.5	727.0	1.5	1.453
									728.0	737.0	9.0	0.194
									763.0	766.0	3.0	0.299
PI-87-9	4700	19093	116.5	165°	-55°	570/173.74	Nov. 27, 1987	Nov. 30, 1987	96.0	105.0	9.0	0.042
									187.0	193.0	6.0	0.040
									351.0	357.3	6.3	0.186
PI-87-10	4700	19093	116.5	140°	-45°	482/146.91	Nov. 30, 1987	Dec. 2, 1987	38.0	53.0	15.0	0.105
									100.0	132.0	32.0	0.210
									161.0	176.0	15.0	0.099
PI-87-11	4531	19250		300°	-45°	625/190.50	Dec. 2, 1987	Dec. 5, 1987	168.7	169.5	0.8	1.300
PI-87-12	4531	19250		300°	-60°	445/135.64	Dec. 5, 1987	Dec. 6, 1987	168.0	170.0	2.0	0.034
									289.0	289.5	0.5	0.034
PI-87-13	4743	19425		320°	-45°	767/233.78	Dec. 7, 1987	Dec. 10, 1987	199.0	207.0	8.0	0.068
									294.0	308.0	14.0	0.268
									363.0	367.0	4.0	0.100
									398.5	417.0	18.5	0.067
PI-87-14	4743	19425		320°	-60°	684/208.48	Dec. 10, 1987	Dec. 12, 1987	249.0	252.0	3.0	0.140
									643.0	644.0	1.0	0.069

TOTAL: 7973'/2430

7.0 RESULTS AND INTERPRETATION

Drilling

The first ten holes were drilled under the Surf Point Mine workings and overall were successful in intersecting the projected veins both between and below the 1110 and 1015 levels in the quartz diorite.

Gold mineralization appears almost exclusively in direct relationship with pyrite content located in quartz veins, silicified diorite and shear zones.

Quartz veins appear as distinct, steeply dipping to vertical, generally east-west trending, dilatent infilling structures which in some cases can be devoid of pyrite. These veins can occur as discreet sharp walled features in the diorite, within and parallel to shear zones and central to and in part forming a stockwork system within the silicified diorite zones. Quartz veins vary from less than one centimeter up to one meter. Observation made from underground indicate rapid pinching and swelling of these veins so any intersection in drill holes is encouraging for continuity projections. Silicified diorite zones vary from almost a 100% replaced tan brown diorite with an average of 2% pyrite to very subtle alteration where granitic-type textures are still evident. Usually these zones contain a stockwork of quartz veinlets (but not always) and commonly occur on the flanks of major veins. These zones most likely represent various stages of silica flooded diorite related to the same event as the quartz vein forming fluids but have not been sampled in the past and do carry low grade gold mineralization which enhance the bulk potential of the mine. Shear zones occur within the diorite varying from a few centimeters to over ten meters. Shears generally carry quartz-chlorite veinlets and the main 1896 shear trends 65° with sub-vertical dips. This shear is central to the best intersection of 77.0 feet of 0.205 oz/t gold in PI-87-4 and appears to contain substantial potential for additional tonnage at depth and along strike. It is very common to find basalt dykes within these zones of weakness but due to lack of marker horizons, it is difficult to estimate amount of displacement along the shear.

Holes 11 through 14 were drilled away from the Surf Point Mine and on a major 40° trending Edye Shear which cuts both Prince Rupert Schists and the diorite intrusion. This shear is a very evident lineament as seen in air photos and topographically forms a distinct trench or gully cutting the property. A number of old showings exist along this feature and which prompted drill testing of PI-87-11, and 12 below the Dawson workings which contain a two foot

wide quartz-pyrite vein which ran 0.2 oz/t Au. Hole 11 apparently intersected this zone (refer to section Appendix 2) (1.3 oz/t over 0.8 feet in a quartz vein) adjacent to a basalt dyke in diorite. A number of sections of the drill holes intersected Prince Rupert amphibolites and meta volcanics which are probably large roof pendants. Holes 13, 14 are approximately 275m downstrike to the north of 11, 12 and tests the Edye Shear. A number of gold intercepts were found in these holes generally associated with altered diorite of quartz veins. Holes 11 through 14 were successful in proving that gold mineralization does occur within the Edye Shear.

Geophysics

The induced polarization survey revealed one strong anomaly between the Edwin and Edye shears from 4650E 19700N through 4450E 19600 and is still open to the west.

A number of other spot IP anomalies were located at 4750N 19625N and 4850E 19575N. Anomalies found in the vicinity of Surf Point Mine (at the south end of lines 4800E 4750E 4700E) probably represent anomalies related to the underground workings.

8.0 RECOMMENDATIONS

Since the drill program is still underway at this time some of the following may have already been carried out:

1) Further drilling both at depth and along strike extensions to the Surf Point veins to firm up and test for additional reserves.

2) Further drilling along strike of the Edye shear and Edwin shear to test for additional tonnage.

3) Drill test the strong IP anomaly found between the two major shears.

4) Further extension of the mine grid to the south over the Surf Point workings and upslope with IP survey extended also to check for further tonnage.

5) Underground bulk sampling of 1015 cross-cut and 1110 levels where possible to test for bulk tonnage potential.

6) Reexamine and resample old drill core where available.

7) Test for possible remnant tonnage (by drilling short holes) above the 1110 level.

8) A regional reconnaissance program to explore for additional property acquisition with the recent findings as a guide.

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10.0 COST EXPENDITURE - PORCHER ISLAND

October 1, 1987 - January 15, 1988

Personnel		
A Taylor Oct. 1-Jan. 15 88 man days x $165/day	14,520	
T. East Oct. 18-Jan. 15 71 man days x $115/day	8,165	
Temp personnel 38 man days at $80	3,040	
Technical personnel	2,000	
Total Personnel:		$ 27,725
Transportation		
Helicopter	7,200	
Fixed Wing	1,000	
Vancouver to Prince Rupert (AT, TE, RP)	1,000	
Total Transportation:		9,200
Drilling		
7,971 feet x 43 feet	342,753	342,753
Analytical		
1088 rock samples at $13.25 (ICP & AA)	14,416	
157 rock samples at $8.25 (fire assay)	1,295	
Shipping	2,430	
Total Analytical:		18,140
Geophysics		
12.85km x $11	14,135	
Total Geophysics:		14,135
Miscellaneous		
Report writing and drafting	2,000	
Transit survey	4,350	
Sperry Sun Rental 2 mths	3,150	
Supplies	6,000	
Communication	1,500	
Expediting	4,000	
		21,000
GRAND TOTAL:		$432,953

11.0 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 Imperial Metals 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 ___ day of _____, 1988.

_____

Alan B. Taylor, Geologist

APPENDIX I

GEOPHYSICAL INSTRUMENTATION AND TECHNIQUES

APPENDIX I

PORCHER ISLAND INDUCED POLARIZATION SURVEY - INSTRUMENTATION

Introduction

Induced polarization and resistivity surveys were conducted over portions of the Porcher Island Property, Prince Rupert Area, B.C., within the periods November 6, 7, 1987 and January 8 to 15, 1988. The work was conducted by Scott Geophysics Ltd. on behalf of Cathedral Gold Corporation.

The pole dipole electrode array was used on the survey, with an "a" spacing of 25 meters and "n" separations of 1 to 5. The current electrode was to the south of the receiving electrodes on all survey lines.

Instrumentation and Procedures

A Scintrex IPR11 time domain microprocessor based induced polarization receiver and a Scintrex 2.5kw IPC7 transmitter were used for the survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying plans and pseudosections.

The survey data was archived, processed, and plotted using a Sharp PC7000 microcomputer running Scintrex Soft II and proprietary software. All chargeability values were analyzed for their spectral characteristics using a curve matching procedure (Soft II).

Alan Scott, Geophysicist
Scott Geophysics Ltd.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

APPENDIX II

DIAMOND DRILL LOGS AND SECTIONS

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-1
COMMENCED: November 8, 1987
COMPLETED: November 12, 1987
OBJECTIVE: 1986 intercept.
LOCATION : 4596E 18979N
ELEV. : 1100m
CORE SIZE: BQ
COLLAR DIP : -45°
COLLAR AZIMUTH: 170°
% RECOVERY : 100%
LENGTH : 447 ft
PAGE : 1 of 5
LOGGED BY : Alan B. Taylor
DATE : November 23/87
CORE STORED : On property
Sperry-Sun Survey: at 220' = 170° Az - 47° dip/at 457' = 173° Az - 47° dip.

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	237.00		Hornblende quartz diorite 30% mafics.										
			Generally massive medium grain size with euhedral, dark black to green hornblende 1-2mm in size and variably chloritized and/or epidote rich locally. Occasional mafic xenoliths up to 10cm diameter.										
			Narrow quartz +/- calcite +/- chlorite +/- silicified wall rock at: 36.50' - 1cm at 45° (trace pyrite), 62.30' - 5mm at 40° (slip)(trace pyrite), 76.00' - 3mm at 50° (slip), 111.20' - 4mm at 70° (quartz + epidote), 111.30' - 3mm at 15° (quartz + epidote)(light pyrite), 113.70' - 3mm at 80°, 115.30' - 1mm at 70°, 115.80' - 2mm at 20°, 123.30' - 2mm at 45°, 123.70' - 4mm at 45°, 145.70 - 2mm at 30°, 177.00' - 2mm at 20° (mod. pyrite), 180.40' - 5mm at 30° (pyrite), 209.10' - 1mm at 85°, 244.00' - 4mm at 45°, 244.80' - 1cm at 35°.										
			Vuggy carbonate zone 348.00' - water bearing fractures healed with carbonate - 357.00'.										
			29.10 - 2cm grey-white aplite dike at 45°.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			46.10-53.00 - silicified altered quartz-diorite with a central brecciated										
			chlorite-pyrite-carbonate zone.										
			46.10-49.10 - grey silicified diorite with dark green chlorite fractures										
			weakly magnetic, trace pyrite.										
			49.10-51.40 - broken up carbonate-chlorite shear zone, talcy in										
			places, sheared at 30° with dense knotty chlorite.										
			50.30-50.70 - heavy pyrite approximately 40% at 30°.										
			50.70-53.00 - silicified altered diorite, light pyrite.										
			55.20-55.50 - milky grey silicic bull quartz vein (aphanitic?) 30°.										
			89.80-90.60 - milky grey silicified diorite with trace pyrite.										
			110.0-110.20 - silicic diorite.										
			115.30-116.60 - silicified diorite with light pyrite and chloritic										
			fractures.										
			120.20-123.90 - silicified diorite, trace pyrite.										
			125.80-126.20 - silicified diorite.										
			143.00-143.60 - felsic quartz diorite (not HQD), coarse grain size.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			147.00-149.00 - silicified diorite.										
			149.00-151.00 - badly broken up diorite with clay alteration, talcy, trace pyrite.										
			151.20-154.80 - fine grain black basalt dike, moderately magnetic, contains calcite amygdules up to 5mm. Upper margin chilled in 4'-1cm bands at 20° parallel to contact. Flow banded trace pyrite at upper contact in diorite.										
			154.80-155.00 - altered talcy diorite.										
			155.00-156.40 - basaltic stringer contacts irregular and injecting into diorite. Contact approximately 20°.										
			168.00-168.50 - silicified diorite, trace pyrite.										
			175.10-185.10 - silicified shear zone (1896)										
			185.10-176.00 - silicified, slightly foliated diorite, trace pyrite, foliation 45°, more intense at lower basalt contact.										
			176.00-177.00 - fine grain basaltic dike, fresh black appearance.										
			177.00-179.00 - white bull quartz with pyrite bands (30°), pyrite approximately 15%.										
			179.00-185.10 - badly broken and sheared silicified diorite, pyrite approximately 1%.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			193.00-193.20 - silicic diorite with light pyrite.										
			194.90-195.70 - silicic diorite, chlorite with pyrite.										
			200.00-200.80 - silicic diorite.										
			205.90-207.00 - silicic diorite with trace pyrite.										
237.0	447.0		Quartz diorite 15-20% mafics.										
			Narrow quartz +/- calcite +/- chlorite +/- silicified wall rock 257.00 - 3mm at 15°, 289.00 - 3mm calcite at 10°, 297.10 - 3mm at 45°, 307.20 - 2mm at 40°, 327.00 - 3mm at 10°, 396.70 - 2mm at 50°, 425.00 - 5mm grey aplite 10°, 431.50 - 5mm grey aplite 20°, 448.00 - 8mm at 45°, 452.50 - 1cm epidote-chlorite slip plan 45°.										
			242.80-242.90 - creamy pink aplitic vein 30°.										
			262.00-262.20 - silicified diorite with trace pyrite.										
			266.00-266.40 - silicic veining (1cm), trace pyrite.										
			280.00-284.80 - silicic and carbonated diorite, quartz vein (bull) at 282.00 only 9' core between 277.00 and 287.00.										
			291.80-292.60 - silicic diorite - two quartz veins 2cm thick at 302.20, 302.40, pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			304.10 - 4cm quartz-chlorite-pyrite vein at 35°.										
			321.50-337.00 - silicified diorite, salt and pepper texture not as										
			evident, slightly bleached, trace pyrite.										
			338.20-338.40 - 2 x 2cm bull quartz vein.										
			341.50 - chlorite-carbonate 4cm vein 50° with minor pyrite.										
			357.00 - 3cm quartz vein 45°.										
			316.50 - 2cm quartz vein with 2cm massive pyrite at 45°.										
			381.00 - 2cm white quartz vein 45°.										
			397.00-408.00 - epidote rich diorite.										
			409.00 - mafic/xenoliths (amphibolites) distinct.										
			411.80-412.40 - bleached diorite with pink tinge to feldspar, core broken										
			up and fractured.										
			447.00 - end of hole.										

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-2
COMMENCED: November 12, 1987
COMPLETED: November 14, 1987
OBJECTIVE: 1986 at depth.
Sperry-Sun Survey @ 200' = 173° Az/-70° at 600' = 183° Az/-70°.

LOCATION : 4596E 18979N
ELEV. : 1100m
CORE SIZE: BQ

COLLAR DIP : -70°
COLLAR AZIMUTH: 173°
% RECOVERY : 100%
LENGTH : 597 feet

PAGE : 1 of 6
LOGGED BY : Alan B. Taylor
DATE : Nov. 24, 1987
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	342.30		Hornblende Quartz Diorite										
			30% mafics, salt and pepper medium texture. Sporadic gabbroic xenoliths up										
			to 10cm.										
			Narrow quartz +/- calcite +/- chlorite +/- epidote veinlets: 26.80' - 2mm										
			at 45° (trace pyrite), 35.00-36.00' - 4-1cm bands of epidote at 45°, 46.40'										
			1mm at 30° (epidote), 65.20' - 1mm at 30° (epidote), 77.60' - 4mm at 25°										
			(calcite), 80.00' - 2mm at 10° (x 2), 87.10' - 1cm at 45°, 108.00' -										
			2mm at 40° (x 2), 115.00' - 1cm at 40° (mod. pyrite), 166.90' - 3mm										
			at 45°, 167.80' - 4mm at 40°, 169.00' - 6mm + 2mm at 80°, 170.60' - 4mm at										
			40°, 171.10' - 3mm at 30°, 171.50' - 3mm at 40°, 185.30' - 6mm at 45°,										
			198.20' - 2mm at 60°, 245.00' - 1cm at 70° (trace pyrite), 276.70' - 2mm at										
			25°, 294.00' - 1cm at 25° (aplite), 312.00' - 4mm at 35°, 315.90' - 4mm at										
			80°, 335.50' - 3mm at 80°.										
			17.50-17.90 - silicified diorite with 5mm calcite vein along ?										
			25°.										
			33.30 - 3cm cream white barren quartz vein 45°.										

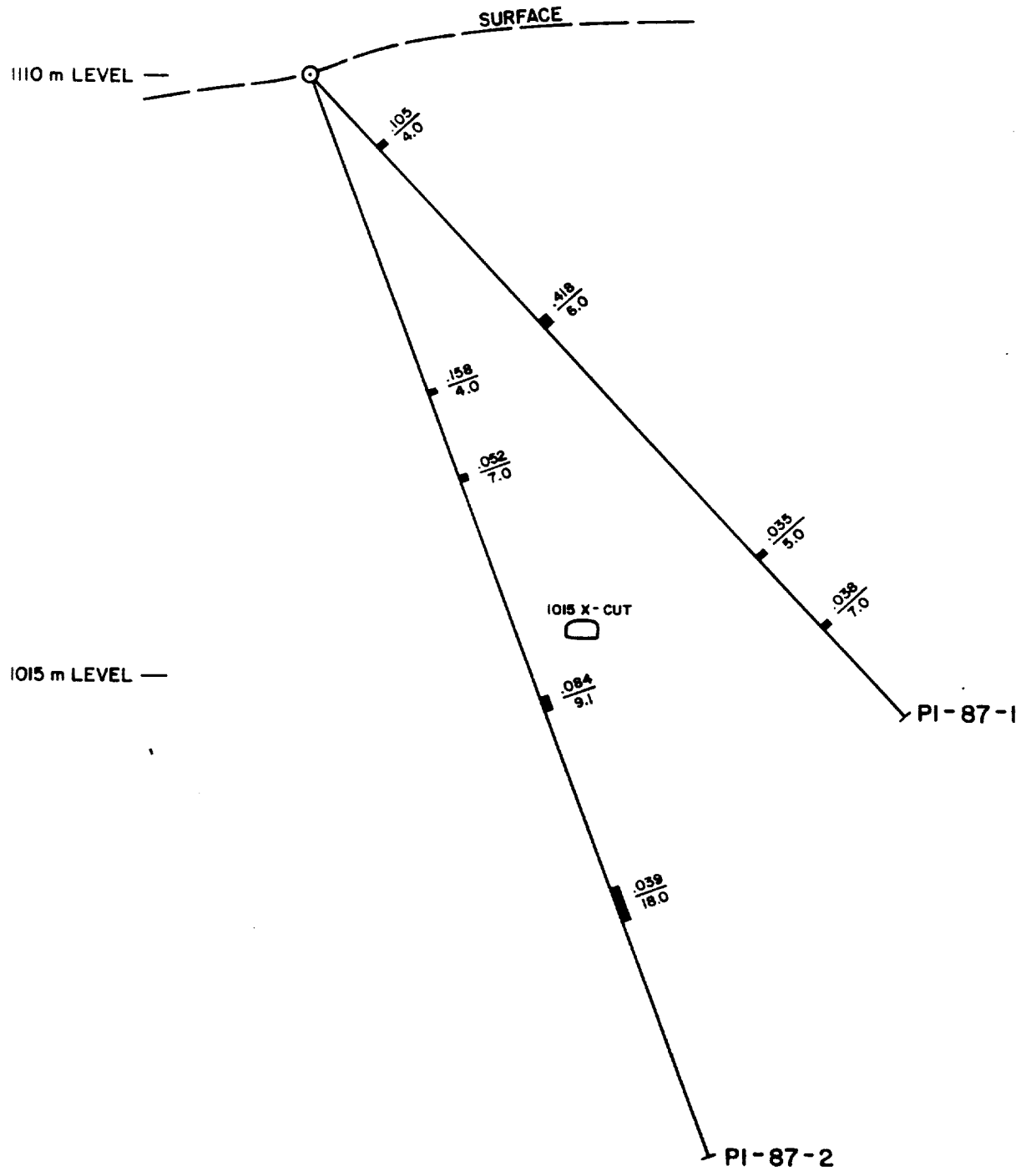
From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			44.50-46.20 - porphyritic gabbroic xenolith diffuse upper contact with										
			diorite, lower contact sharp at 30°, shows no chill. Euhedral feldspar and										
			amphibolite up to 6mm set in a dark aphanitic matrix.										
			49.10-49.30 - white dense quartz vein, trace pyrite, 45°.										
			59.00-59.10 - light green chlorite slip with 2cm silicified altered wall										
			rock.										
			76.50-76.60 - silicified diorite 30°.										
			79.00-80.40 - slightly silicified diorite with small carbonate veinlets,	57729	75.00	79.00	4.00						
			trace pyrite.	57038	79.00	80.40	1.40		36				
				57039	80.40	81.00	0.60		470				
			80.40-81.00 - quartz-pyrite vein, pyrite in 1cm bands, contacts sharp 35°.										
			107.60-107.80 - quartz-carbonate-pyrite vein at 30°, 15% pyrite, green	57041	107.50	107.90	0.40		330				
			epidote at contacts.	57730	156.00	157.50	1.50						
			156.60-157.10 - silicified diorite.	57731	170.00	173.00							
				57732	173.00	175.80				*			
			175.80-177.00 - silicified diorite, trace pyrite.	57042	175.80	177.00	1.20		19870				
			176.00-176.50 - white quartz vein 35° with light pyrite concentration.	57733	177.00	180.00				*			
				57734	180.00	184.40							
			180.30-180.40 - silicified diorite with 1cm quartz.										
			184.40-185.10 - carbonatized diorite with light pyrite.	57043	184.40	185.10	0.70		290				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			190.30-190.80 - epidote rich diorite.										
			191.40 - 3cm banded quartz vein 35° (chalcedony).										
			194.40-195.20 - epidote rich diorite.										
			208.60-208.70 - white aplite vein 80°.										
			211.00-212.00 - epidote rich diorite.	57735	217.00	220.60				*			
			220.60-220.90 - silicified diorite on a slip plane at 30° which has 6mm	57044	220.60	220.90	0.30		44140				
			pyrite seam.	57736	220.90	224.00				*			
			225.10-225.20 - pinky white aplite vein at 40°.										
			229.30-230.90 - silicified diorite with lightly banded pyrite at 25°.	57045	229.30	230.90	1.00		875				
			233.70-234.0 - silicified slip plane at 45° with light pyrite.										
			255.90-256.00 - silicified slip at 45°, light pyrite.										
			258.40-260.00 - light epidote bands approximately 5-10cm.										
			275.00-277.00 - porphyritic gabbroic xenolith.										
			287.00-291.00 - slight epidote banding 3-4cm at 30° x 6.	57737	335.00	339.30				*			

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
342.30	359.00		342.30-359.00 - 1896 shear zone.	57046	339.30	342.30	3.00		450				
			342.30-343.00 - silicified-chloritized diorite, trace pyrite with	57047	342.30	343.00	0.50		43				
			carbonate.	57048	343.00	346.40	3.40		3385				
				57049	346.40	349.40	3.00		335				
			343.00-346.40 - white massive quartz (badly broken) with minor chlorite	57050	349.40	352.10	2.70		4450				
			clots and trace to light pyrite 25°.	57051	352.10	353.30	1.20		51				
				57052	353.30	357.40	4.10		36				
			346.40-351.00 - badly broken and sheared diorite with 5% quartz. Dis-	57053	357.40	359.00	1.60		9				
			seminated pyrite <2% throughout section, sheared at 10°, talcy.										
			351.00-352.10 - white quartz with chlorite knots, trace pyrite.										
			352.10-353.30 - foliated parallel to core, carbonate, chlorite.										
			352.30-357.40 - black aphanitic basalt dike 20° sharp contacts.										
			357.40-359.00 - silicified diorite.										
359.00	597.00		Quartz Diorite	57054	359.00	362.00	3.00		14				
			Massive, salt and pepper texture, medium grain.										
			Narrow quartz +/- calcite +/- chlorite +/- epidote. 385.40' - 1cm at 70°,										
			389.60' - 2mm at 20°, 396.60' - 3mm at 20° (light pyrite), 407.40' - 2mm at										
			30°, between 410.00 and 412.00 approximately 12 x 1mm at 30°, 415.60' -										
			3 x 1mm (chloritic) at 45°, 420.00 -> 423.00 - multiple black 1mm basaltic										
			veinlets at 10° -> 30°, 440.00' - 2mm at 30° (x5 basaltic), 503.00' - 1mm										
			at 10° (x4). Vuggy water filled calcite fractures at 421.60' at 30°,										
			576.60 -> 578.00' at 10°.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			407.70-408.30 - chlorite shear, talcy, trace pyrite 30°.										
			415.00-415.40 - chlorite-carbonate knot.	57738	407.00	410.00							
				57739	410.00	415.40							
			415.40-420.40 - silicified diorite, trace pyrite. Carbonate also minor.	57055	415.40	420.40	3.00		66				
			422.00-422.20 - porphyritic andesite vein, 20°.										
			423.00-423.40 - same as above, 20°.										
			425.00-435.40 - massive fine grain basalt with (weakly magnetic) sharp upper and lower contacts at 20°. Erratic carbonate veinlets at contact and through upper part of dike, 3mm amygdules 5%.										
			436.50-436.80 - basalt brecciated diorite contains a pinky iron stained carbonate (effervences strong with HCL).	57740	438.00	442.00				*			
			437.30-438.30 - black basaltic dike chilled at 30° parallel to contacts and amygdaloidal bands.	57741	442.00	445.00				*			
				57742	445.00	448.00				*			
				57056	448.00	451.00	3.00		2890				
			449.90-472.00 - silicified diorite with disseminated 1-2% pyrite.	57057	451.00	454.00	3.00		430				
				57058	454.00	457.00	3.00		395				
			455.60-456.40 - basalt dike 30° with carbonate veinlets.	57059	457.00	460.00	3.00		720				
				57060	460.00	463.00	3.00		650				
				57061	463.00	466.00	3.00		2190				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			485.00-486.00 - silicified diorite 2% pyrite.	57062	466.00	469.00	3.00		405				
				57063	466.00	472.00	3.00		134				
			495.00-496.00 - silicified diorite 1% pyrite.	57064	485.00	486.00	1.00		340				
			535.50-536.00 - silicified diorite with 2% pyrite	57065	535.50	536.00	0.50		215				
			534.90 - 2cm quartz-pyrite vein at 80°.										
			548.00-554.00 - silicified diorite with disseminated 2% pyrite.	57066	548.00	551.00	3.00		260				
			552.00-552.50 - coarse carbonate-chlorite-pyrite knot.	57067	551.00	554.00	3.00		1610				
				57749	554.00	557.00				*			
			561.80-561.90 - 2 x 1cm quartz veins, slightly carbonatized diorite.										
			582.00-587.40 - silicified diorite with 2% pyrite.	57768	582.00	584.30	2.30		56				
				57769	584.30	585.30	1.00		1120				
			584.30-585.30 - foliated diorite with parallel quartz-pyrite veins +/-	57070	585.30	587.40	2.10		640				
			chlorite.	57750	587.40	590.00				*			
			590.00-591.00 - porphyritic andesitic xenolith (?)										
			597.00 - end of hole.										



oz/ton Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-1,2 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-3
COMMENCED: November 14, 1987
COMPLETED: November 17, 1987
OBJECTIVE: 1898
LOCATION : 4638E 19027N
ELEV. : 1109m
CORE SIZE: BQ
COLLAR DIP : -45°
COLLAR AZIMUTH: 158°
% RECOVERY : 100%
LENGTH : 502
PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
DATE : Nov. 25, 1987
CORE STORED : On property

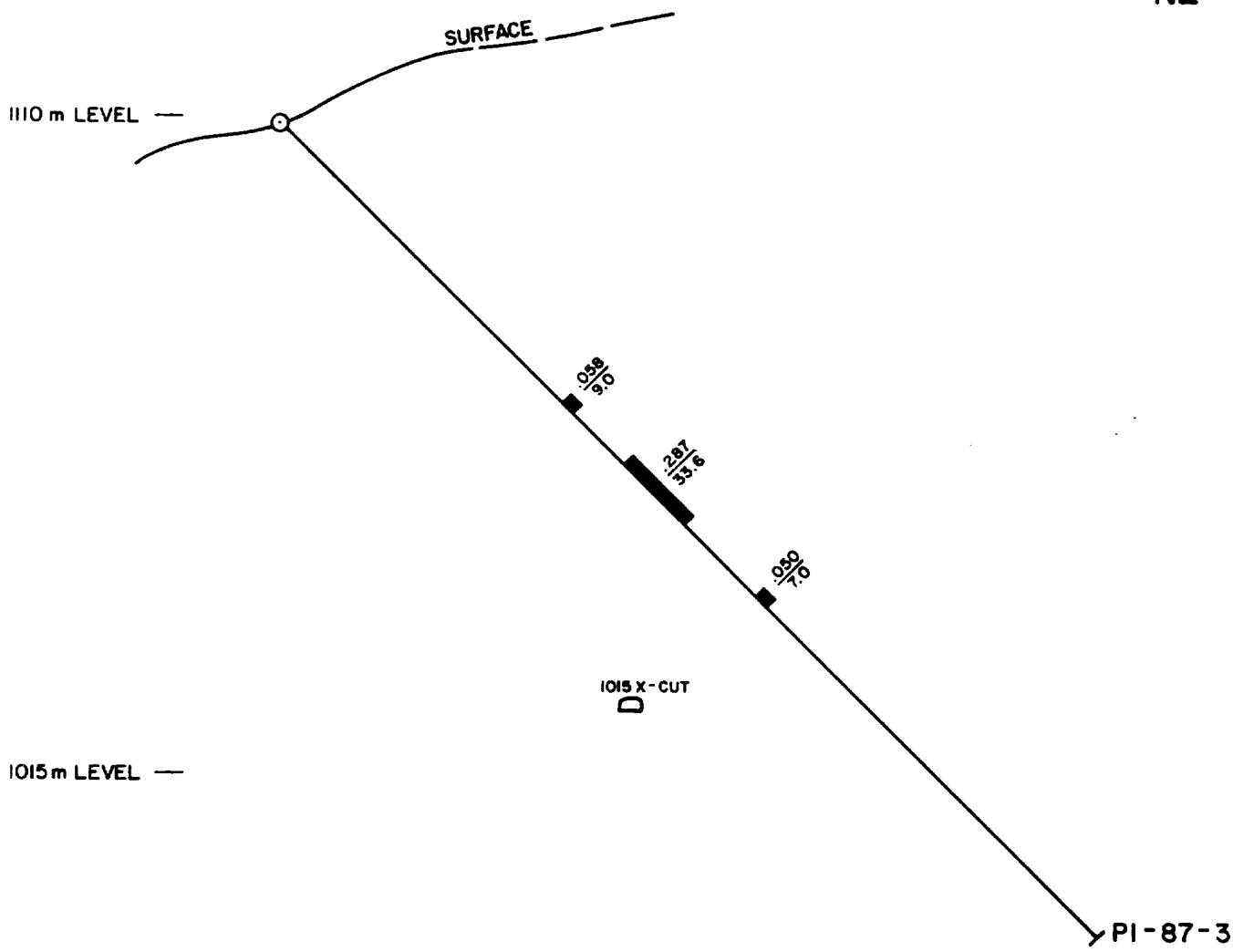
Sperry-Sun Survey: At 250' = 158' Az - 45° at 500' = 158° at - 45°.

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	502.00		Quartz Diorite										
			Weathered iron stained fracture at 42.00, 47.00, 198.00.										
			Narrow quartz +/- calcite +/- epidote +/- chlorite veinlets: 30.20' - 3mm										
			at 50°, 38.00-39.00' - 3mm at 45° (x6), 64.20' - 2mm at 70°, 66.10' - 2mm										
			at 80°, 78.00' - 1mm at 80°, 139.90' - 1mm at 80°, 172.40' - 1cm at 50°										
			(trace pyrite), 187.90' - 1cm at 90°, 216.10' - 1cm at 60°, 221.00' - 1cm										
			at 50° (pyrite), 222.00' - 1cm at 50°, 226.80' + 227.70' - 6mm at 50°										
			(light pyrite), 235.00' - 1cm at 50°, 250.70' - 8mm at 10° (mod. pyrite),										
			262.30' - 4mm at 80° (x3), 267.60' - 3mm at 60°, 282.00' - 5mm at 15°										
			(chloritic), 317.00' - 2mm at 80°, 317.80' - 2mm at 50°, 350.60' - 1cm at										
			50° (light pyrite), 364.00' - 1mm at 70°, 386.30' - 1cm at 50° plus 5mm										
			pyrite band, 403.90' - 2mm at 60°, 416.70' - 4mm at 45°, 463.30' - 2mm at										
			25°, 477.80' - 2mm at 30°.										
			16.00-18.00 - vague 10cm epidote bands = 70°, in slightly altered diorite.	57071	23.00	27.00	4.00	3	43				
				57072	27.00	30.00	3.00		70				
			23.00-57.00 - silicified diorite with 2% disseminated pyrite and	57073	30.00	33.00	3.00		610				
			sporadic quartz veins, broken core.	57074	33.00	36.00	3.00		108				
				57075	36.00	39.00	3.00		113				
			27.90 - 2cm - quartz-chlorite-carbonate vein 80°.	57076	39.00	42.00	3.00		565				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			68.00-68.20 - core broken up, crumbly.										
			72.40-42.70 - gabbroic xenolith.										
			92.50-94.30 - core broken up and crumbly fractures parallel to core axis, slightly chloritic.										
			105.90-106.20 - silicified zone with light pyrite.										
			117.10-117.50 - epidote rich bleb.										
			128.80-129.20 - silicified, epidote rich diorite on 30° slip plane.										
			138.00-138.10 - white aplitic vein at 30°.										
			159.30-159.70 - altered pink diorite (potassic) (hematitic?).										
			164.00-164.40 - silicified diorite.										
			171.00-198.00 - altered diorite with disseminated pyrite.										
			171.00-172.80 - carbonatized, weakly foliated diorite at 20°.										
			172.80-179.40 - tan brown bleached diorite with disseminated pyrite 1% and blotchy pyrite cut by knots of chlorite.										
			185.00-187.00 - badly broken and sheared diorite 20°.										
			191.10-191.30 - quartz vein 70° with 5% pyrite.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			195.70-196.10 - bleached tan brown diorite with 2cm quartz vein.										
			222.80-224.30 - diorite cut by 3-3cm quartz veins 70°, trace pyrite.										
			224.30-245.00 - broken up bleached diorite.										
			229.60-230.50 - white quartz with diorite inclusions.										
			244.70 - 1cm pyrite band associated with 1cm quartz vein at 50°.										
			252.00-262.00 - bleached diorite with 4 1cm quartz veins of which 252.20 has moderate pyrite.										
			260.00-261.00 - white quartz with heavy pyrite bands at 20°.										
			267.00-288.00 - bleached altered diorite with 1% disseminated pyrite.										
			273.70-274.10 - quartz-pyrite in 2cm veins 40°.										
			273.70-274.10 - quartz-pyrite-carbonate shear.										
			277.00-280.00 - quartz-carbonate-pyrite vein with quartz 30%, pyrite massive in places, 30° foliation.										
			291.80-293.80 - 80% white quartz with light pyrite and diorite inclusions vein at 70°.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			293.80-296.00 - bleached diorite.										
			297.30-297.60 - fine to moderate grained andesitic xenolith.										
			304.60-305.70 - bleached epidote rich diorite.										
			357.90-358.10 - chlorite-carbonate clot with light pyrite.										
			366.80-370.00 - silicified diorite, 1% pyrite.										
			368.20-368.80 - white quartz vein at 30° with chlorite and light pyrite.										
			418.00-422.00 - silicified diorite with 5 1cm veins quartz-carbonate at 80° with light pyrite, sheared and healed with carbonate at 422.70 at 30°.										
			539.80-540.20 - white aplitic dike peppered with fine grained mafics 70°.										
			541.50-541.60 - white aplitic vein at 45° banded.										
			547.20-550.00 - black medium to fine grain andesite xenolith (possibly dike). Sharp upper contact at 50°, lower contact more diffuse at 15°.										
			557.00 - end of hole.										



oz/ton/Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-3 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-4
COMMENCED: November 17, 1987
COMPLETED: November 19, 1987
OBJECTIVE:
Sperry-Sun Survey: At 557' = 177° Az - 42°.

LOCATION : 4638E 19027N
ELEV. : 1109
CORE SIZE: BQ

COLLAR DIP : -45°
COLLAR AZIMUTH: 177°
% RECOVERY : 100%
LENGTH : 557'

PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
DATE : Nov. 25, 1987
CORE STORED : On property
UNUSUAL FEAT : Soft & hard drilling.

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	12.00		Casing.										
12.00	557.00		Quartz Diorite										
			Narrow quartz +/- calcite +/- chlorite +/- silicified wall rock: 13.00' -										
			1cm at 50°, 194.00-195.50' - 2mm at 70° (x5), 216.90' - 3mm at 15°, 223.00'										
			2mm at 20°, 234.70' - 3mm at 45°, 235.30 - 3mm at 40°, 241.40' - 1cm at 50°										
			(light pyrite), 246.50' - 3mm at 35°, 253.00' - 1cm at 80°, 254.00' - 6mm										
			at 80°, 251.30' - 5mm at 40°, 252.50' - 5mm at 40°, 267.30' - 1cm at 70°,										
			298.20' - 5mm at 35°, 321.20' - 2mm at 40° (light grey), 334.10' - 5mm at										
			30°, 339.50' - 3mm at 20°, 354.60' - 2mm at 60°, 419.50' - 1cm at 90°,										
			466.30' - 3mm at 30°.										
			Weathered and vuggy with iron stain at 13,74.30, 24.50' - 3mm at 90°,										
			25.20' - 4mm at 90°, 35.90' - 1cm at 80° (chloritic), 41.80' - 1cm at 85°,										
			114.50' - 2mm at 80°, 159.50' - 3mm to 50°.										
			20.20-20.40 - light green epidote rich diorite.										
			24.30-51.00 - silicified diorite, 1% pyrite.										
			42.80-44.30 - 5 1cm quartz veins at 90°.										
			48.00-48.40 - 3cm quartz vein.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			29.00 - 5mm pyrite vein 50° in 2cm quartz vein.	57077	42.00	45.00	3.00		470				
				57078	45.00	48.00	3.00		250				
			36.00-37.00 - pink tinge to feldspar (hematite alteration).	57079	48.00	51.00	3.00		59				
				57080	51.00	54.00	3.00		490				
			43.30-43.40 - chlorite-carbonate clot.	57081	54.00	57.00	3.00		50				
				57751	47.00	50.00							
			44.00-44.70 - white contorted quartz veinlets approximately 2cm thick.	57752	50.00	51.00							
				57753	51.00	54.00							
			46.30 - 2cm carbonate-quartz vein at 80°.	57754	177.00	180.00							
				57755	180.00	183.00							
			51.80-52.80 - tan brown diorite completely silicified with a 2cm aplite	57756	183.00	186.00							
			vein 80°.	57757	186.00	189.00							
			68.10-68.30 - silicified diorite.										
			119.80-120.00 - epidote rich band 45°.										
			198.00-199.60 - silicified diorite disseminated pyrite around 3 x 1cm										
			quartz vein.										
			200.20-201.00 - tan brown bleached diorite with chlorite clots, 1 3mm band	57082	198.00	201.00	3.00		725				
			pyrite 30°.										
			214.60-215.30 - silicified diorite, disseminated 2% pyrite.										
			232.30-232.60 - silicic diorite - 50% quartz vein carrying 10% banded 1cm	57083	232.10	232.60	0.50		15350				
			pyrite seams at 50°.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			240.00-241.70 - white quartz with 10% pyrite and fragments of bleached	57084	240.00	241.70	1.70		38015				
			diorite, contacts sharp at 25°.										
			247.00-26.30 - somewhat altered silicic diorite, trace pyrite throughout.	57085	247.00	250.00	3.00		425				
			255.20-255.90 - white quartz 3% pyrite, 45°.	57086	250.00	253.00	3.00		275				
			257.10-261.60 - white quartz and pyrite (10%), pyrite is erratic, up to	57087	253.00	257.00	4.00		1480				
			50% in spots, grossly banded at 35°.	57088	257.00	261.60	4.60		49240				
				57089	261.60	263.00	1.40		540				
			261.60-263.00 - foliated sheared diorite at 20°, 2% pyrite,	57090	263.00	266.00	3.00		335				
			disseminated and chloritic.	57091	314.00	318.00	4.00		1420				
				57092	318.00	321.00	3.00		1715				
			283.80-284.00 - gabbroic xenolith, sharp contacts.										
			314.00-321.00 - silicified diorite.										
			318.40-318.50 - banded pyrite 45°.										
			318.70-319.70 - silicic chloritic breccia with approximately 3% pyrite,										
			foliation 30°.										
			339.00-347.00 - 4 4cm epidote rich bands approximately 70°.										
			362.60-362.80 - silicic zone, 20% altered trace pyrite.										
			395.50-395.80 - silicified around fracture 45°, trace pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			407.20-407.60 - tan brown silicified diorite, around 2 parallel 3mm veins										
			at 45°.										
			414.00-415.50 - silicified chloritic zone, slip surfaces at 45°.										
			427.90-428.00 - epidote approximately 10%.										
			450.00-450.20 - gabbroic xenolith.										
			502.00 - end of hole.										

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-5
COMMENCED: November 19, 1987
COMPLETED: November 21, 1987
Acid test at 747 -58°.

LOCATION : 4638E 19027N
ELEV. : 1109
CORE SIZE: BQ

COLLAR DIP : -60°
COLLAR AZIMUTH: 177°
% RECOVERY : 100%
LENGTH : 747'

PAGE : 1 of 5
LOGGED BY : Alan B. Taylor
DATE : Nov. 26, 1987
CORE STORED : On property

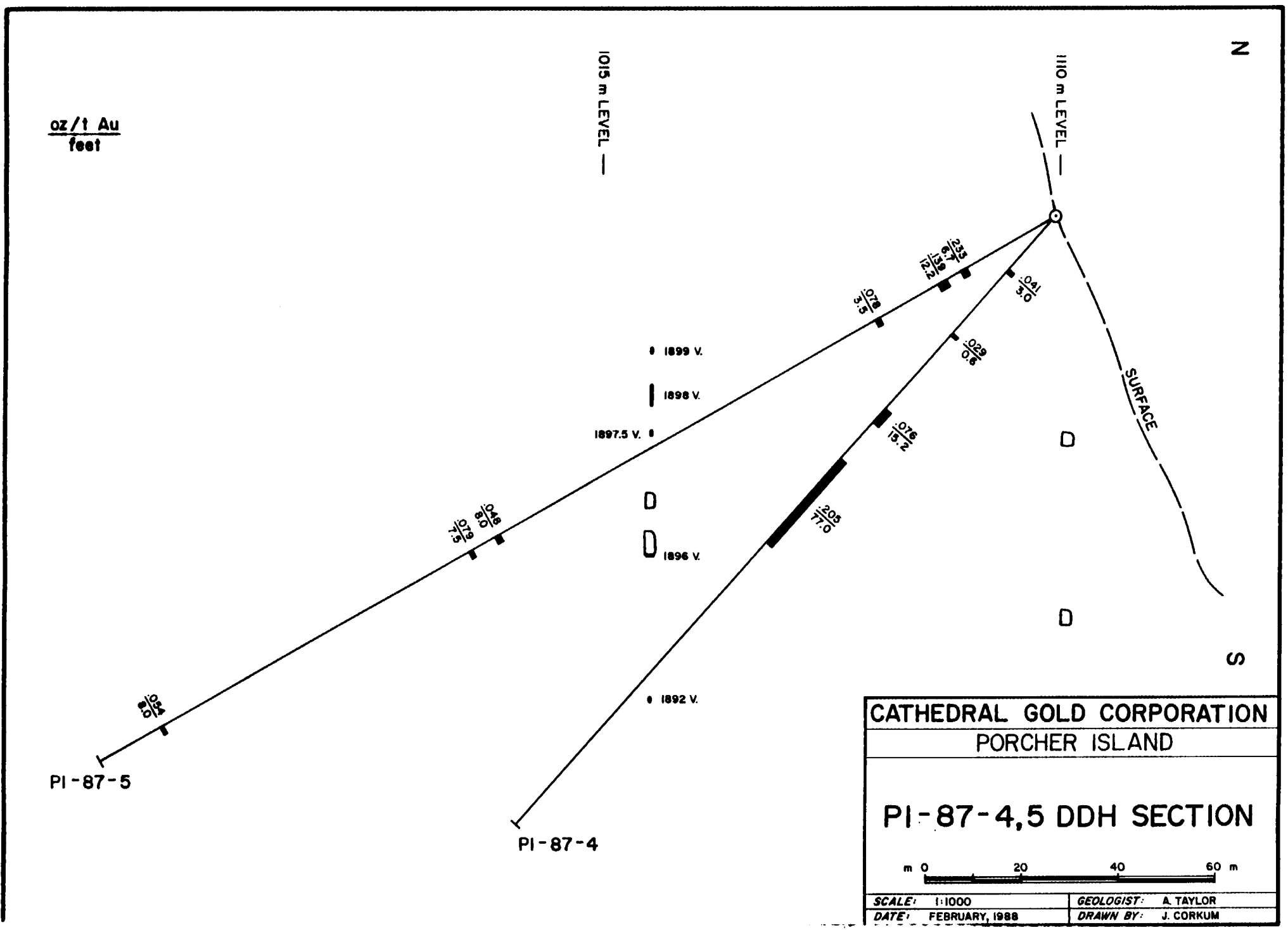
From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	747.00		Quartz Diorite										
			Narrow quartz veinlets +/- calcite +/- chlorite +/- epidote +/- silicified										
			wall rock at 55.00-59.00 - 2mm at 0° (carbonate), 62.00-64.00 - 3mm at 10°,										
			66.00-67.00 - 3mm at 15°, 92.00 - 8mm pyrite vein at 30°, 96.00 - 3cm at										
			70°, 165.50 - 1cm at 40°, 126.50 - 1cm at 50°, 134.00 - 5mm at 60°, 136.90										
			1cm at 45° (light pyrite), 218.00 - 1mm at 30°, 222.50 - 5mm at 35° (trace										
			pyrite), 231.80 - 3mm at 50° (light pyrite), 258.00 - 2mm at 10°, 263.40 -										
			5mm at 45° (light pyrite), 265.00-266.00 - 3 1cm at 80°, 1 at 45° (light										
			pyrite), 270.10 - 2mm at 45°, 277.00 - 1cm at 45°, 285.00 - 1cm at 60°,										
			299.20 - 6mm at 40°, 325.70 - 3mm at 45°, 327.20 - 3mm at 30°, 330.40 -										
			2mm at 45°, 348.20 - 3mm at 40° (epidote), 356.60 - 8mm (trace pyrite) at										
			35°, 265.40 - 1cm at 20°, 384.20 - 3mm at 50°, 388.60 - 1cm (coarse										
			epidote) at 15°, 401.80 - 1cm (pink aplite) at 80°, 402.00 - 1cm at 50°,										
			502.80 - 4mm at 45°, 522.00-528.00 - 2mm at 45° (x3), 535.80-536.60 - 4mm										
			at 45° (x4), 545.80 - 1cm at 45°, 550.00 - 1cm at 50°, 585.00 - 8mm at 45°,										
			597.80 - 2mm at 40°, 627.00 - 1mm at 20°, 656.50 - ?mm at 40° (light										
			pyrite), 727.00 - 1mm at 50°, 712.10 - 2mm at 50°, 726.60 - 8mm at 60°.										
			350.00-38.70 - silicified-chloritized tan brown diorite with trace pyrite,										
			minor carbonate. Sheared at 37.00.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			42.00-42.20 - silicified diorite, broken core.										
			63.00-83.00 - silicified milky white diorite, broken 67.00-69.50.										
			68.30-69.00 - white quartz with 1 band of 1cm pyrite at 20°.										
			72.60-74.70 - foliated diorite at 20°.										
			74.20-74.30 - white carbonate-quartz, trace pyrite.										
			98.20-99.20 - silicified diorite, light pyrite.										
			99.60-99.70 - aplite vein, pinkish tinge 75°.										
			107.40-107.70 - broken up silicified diorite.										
			141.00-141.20 - chloritic shear at 20°.										
			214.60-214.80 - porphyritic andesite dike at 45°, sharp contacts.										
			237.30-242.40 - silicified bleached diorite, numerous carbonate fractures, red hematitic carbonate along slips.										
			238.40-239.40 - white quartz vein at 45° with diorite inclusions and pyritic blebs (<1%) sheared and clay altered at upper contact (contains red hematitic mineral).										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			251.20-252.20 - silicified diorite with 2% pyrite.										
			253.00-255.00 - silicified diorite.										
			256.00-257.20 - silicified diorite, trace pyrite.										
			261.80-270.00 - silicified diorite, trace pyrite, chloritic veinlets.										
			268.60-270.00 - badly broken up chloritic shear with 6cm quartz vein at 45°, light pyrite.										
			285.60-288.00 - silicified tan brown diorite with 3% disseminated pyrite.										
			239.90-341.10 - silicified tan brown diorite with multiple chloritic clots and <1% pyrite.										
			355.00-366.00 - silicified diorite - trace pyrite.										
			357.30-361.00 - bleached pinkish diorite with chlorite veins and 1% pyrite.										
			362.40-363.40 - same as above.										
			381.00-382.00 - bleached pinkish silicified diorite with chloritic clots and 1cm pyrite at 40°.										
			381.00-390.00 - epidote rich diorite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			396.00-397.00 - sheared and healed (silicified) diorite, trace pyrite, sheared at 30°.										
			402.60-402.80 - quartz vein at 30°, trace pyrite.										
			405.20-405.40 - pinkish bleached diorite with quartz vein and minor pyrite.										
			407.30-407.60 - silicified bleached diorite.										
			419.00-440.00 - bleached and somewhat silicified spotty pyrite <1%.										
			454.5-462.00 - extremely broken up, crumbly, clay altered diorite, major shear zone, speckled with pyrite, overall <2%, shear approximately 10-20°, also carbonate 2mm, massive pyrite at 461 (2cm).										
			462.00-479.00 - bleached diorite, trace pyrite, competent rock.										
			479.00-521.00 - core is badly fractured and broken up generally at 30°-10°, traces of pyrite.										
			477.00-507.00 - chloritized diorite with dark green chloritic veinlets throughout, contact at 30° with slip faces and slickenside development, minor quartz veins at 487.10, 496.00, 498.20 with light pyrite, minor carbonate.										
			507.00-521.00 - silicified diorite, badly broken up and sheared 30°. Contains approximately 1-2% pyrite.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			521.00-530.00 - silicified diorite but competent, trace pyrite.										
			537.00+537.30 - quartz vein at 40°, light pyrite.										
			583.00-587.00 - silicified diorite.										
			594.60-594.90 - andesitic xenolith.										
			613.40-622.00 - altered diorite, slightly sheared and carbonate healed.										
			618.00-619.00 - 4 x 1cm quartz veins, trace pyrite.										
			666.60-679.20 - dark fine grain basalt dike with 2mm calcite filled amygdules toward center and chill banding parallel to sharp contacts 15°.										
			691.00-702.60 - slightly silicified and bleached diorite.										
			701.00-701.50 - quartz-pyrite (5%) 30°.										
			726.00-747.00 - foliated diorite at 20°.										
			742.00-742.30 - quartz-calcite vein 60°, trace pyrite.										
			747.00 - end of hole.										


oz/t Au
feet
1015 m LEVEL
1110 m LEVEL
N
S
SURFACE
1899 V.
1898 V.
1897.5 V.
1896 V.
1892 V.
D
D
D
.078/3.5
.233/6.7 incl .139/2.2
.041/3.0
.029/0.6
.076/5.2
.205/7.0
.048/8.0
.073/7.5
.054/8.0
PI-87-5
PI-87-4
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND
PI-87-4,5 DDH SECTION
m 0 20 40 60 m
SCALE: 1:1000
DATE: FEBRUARY, 1988
GEOLOGIST: A. TAYLOR
DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-6
COMMENCED: November 21, 1987
COMPLETED: November 22, 1987
Acid test at 205' = -45°.

LOCATION : 4638E 19027N
ELEV. : 1109
CORE SIZE: BQ

COLLAR DIP : -45°
COLLAR AZIMUTH: 215°
% RECOVERY : 100%
LENGTH : 205'

PAGE : 1 of 2
LOGGED BY : Alan B. Taylor
DATE Nov. 28, 1987
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	205.00		Quartz Diorite										
			Narrow quartz veins +/- carbonate +/- chlorite +/- silicified wall rock at 25.00 - 3mm at 20°, 34.90 - 3mm at 20°, 42.00 - 2mm at 20° (x4), 53.50 - 4mm at 20°, 56.80 - 1cm at 20°, 85.00 - 8mm at 80°, 114.30 - 3mm at 30° (light pyrite), 125.30 - 5mm at 45°, 167.40 - 3mm at 45°, 178.70 - 2mm at 30°, 182.40 - 2mm at 30°, 190.90-190.40 center 5 2mm at 50°.										
			Vuggy iron-stained fractures at 15.00, 27.70, 72.50.										
			27.00-37.00 - core somewhat broken up, fresh diorite.										
			41.50-43.00 - silicified diorite, trace pyrite.										
			52.00-58.00 - silicified diorite, bleached at 57.00-58.00 and contains 2% pyrite.										
			67.50-67.80 - quartz vein with banded pyrite (8%) at 30°.										
			72.90-78.30 - dark black fine grained basalt with 2mm calcite filled amygdule, coarse calcite at upper contact 20°.										

CATHEDRAL GOLD CORPORATION
PI-87-6

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			78.30-79.30 - slightly altered carbonated quartz diorite.										
			97.00-99.00 - silicified diorite.										
			97.00-97.20 - quartz-pyrite vein appears weathered and stained at 60°.										
			98.50-99.00 - diorite is foliated parallel to core axis (healed shear).										
			118.00-119.10 - silicified diorite with quartz vein and light pyrite.										
			166.00-167.00 - epidote rich diorite (20%).										
			200.00-201.40 - silicic diorite with quartz pyrite vein 200.30-200.60 carrying 20% pyrite banded at 15°.										
			205.00 - end of hole.										

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-7
COMMENCED: November 22, 1987
COMPLETED: November 23, 1987
Acid test at 506.00 = -75°.

LOCATION : 4638E 19027N
ELEV. : 1109
CORE SIZE: BQ m

COLLAR DIP : -75°
COLLAR AZIMUTH: 215°
% RECOVERY : 100%
LENGTH : 506'

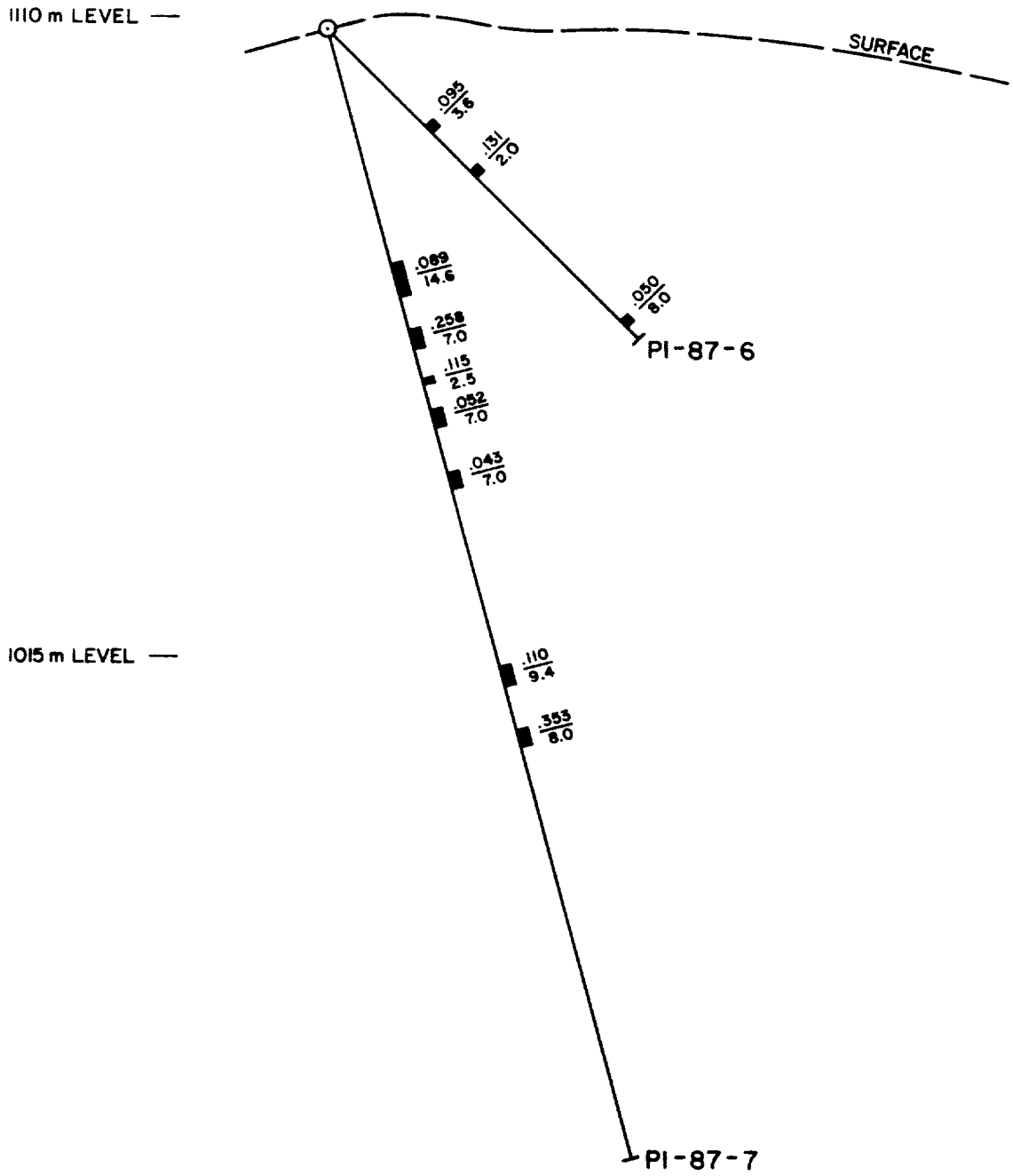
PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
DATE : Nov. 28, 1987
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	506.00		Quartz Diorite										
			Narrow quartz veinlets +/- carbonate +/- chlorite +/- silicified wall rock										
			at 51.00 - 2mm at 30°, 52.00 - 1mm at 30°, 57.60 - 8mm at 30° (light										
			pyrite), 105.00 - 2mm at 20° (x2), 110.00 - 2mm at 45°, 134.60 - 1mm at										
			30°, 136.40 - 3mm at 70°, 144.00-145.00 - 5mm chloritic at 30°, 147.10 -										
			6mm at 45°, 148.30 - 8mm at 35°, 182.00 - 5mm at 35° (+ epidote), 184.00 -										
			3mm at 40°, 191.30 - 2mm at 45°, 198.80-199.40 - 3mm at 35° (x3), 217.40 -										
			4mm at 25°, 237.60 - 1cm at 80° (light pyrite), 248.30 - 3mm at 45°, 255.50										
			- 2mm calcite at 10° (x3), 275.00 - 6mm at 30° (trace pyrite), 286.20 - 2mm										
			at 35°, 316.80 - 6mm at 70°, 324.00 - 3cm at 35°, 385.00 - 2mm at 40°,										
			392.30 - 2mm at 45° (x3), 392.80 - 2cm pink aplite at 90°, 407.30 - 1cm at										
			15° (light pyrite), 458.30 - 1cm at 10° (moderate pyrite), 460.10 - 1cm										
			(aplite) at 70°, 468.60 - 3mm at 40° (x2), 479.20 - 1cm at 90°, 483.30 -										
			6mm at 60°, 484.10 - 8mm at 20° (light pyrite).										
			Vuggy with carbonate and quartz filled fractures at 73.00-77.00, 375.20.										
			25.20-30.00 - green epidote rich diorite, slightly broken up, massive.										
			31.30-31.80 - silicic diorite with chlorite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			53.00-54.00 - epidote rich diorite.										
			57.40-57.50 - quartz vein 30° with seam (2mm) of pyrite.										
			63.20-67.00 - black fine grain basalt dike with 1mm calcite infilled amygdules. Upper contact at 25° and sharp, chilled.										
			71.00-72.00 - core badly broken and crumbly, chloritic fractures.										
			75.50-78.00 - diorite cut by fine grain grey silicic, stringers, netlike texture.										
			86.40-86.80 - epidote altered gabbroic xenolith.										
			111.30-111.60 - silicified wall rock around 2mm quartz vein at 30°.										
			116.40-136.00 - silicified diorite with quartz veins and disseminated 1% pyrite.										
			116.50 - 1cm pyrite band at 35°.										
			116.50-123.00 - core chunky, broken into 5cm lengths with variable pyrite along fractures.										
			124.00-131.00 - parallel 3-4cm quartz veins carrying variable pyrite at 10° in silicified diorite.										
			125.00-127.00 - massive quartz-chlorite, light pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			138.00-141.00 - silicified diorite with 1% pyrite.										
			148.00-174.00 - silicified diorite with multiple chloritic clots, quartz vein. Core is moderately broken up.										
			150.00-151.00 - quartz-chlorite-pyrite (20%) at 20°.										
			156.60 - 6cm quartz vein, 30°, light pyrite.										
			160.30-162.10 - massive white quartz, light pyrite and diorite inclusions.										
			173.00-173.50 - 3cm thick quartz veins with moderate pyrite at 20°.										
			177.60-178.40 - silicified diorite with associated 3cm quartz vein at 40° with 5% pyrite.										
			179.50-179.00 - quartz pyrite vein (5%) at 35°.										
			194.00 - 3cm quartz with pyrite vein (5%) at 35°.										
			201.00-201.40 - diorite with small gabbroic inclusions at 4% pyrite.										
			227.50-228.00 - silicic vein with light pyrite at 20°.										
			316.00-328.40 - silicified diorite varying from buff pink to grey with 1% pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			317.00 - 5mm graphitic shear at 20°.										
			325.00-325.10 - 50% pyrite.										
			352.00-553.60 - pinkish silicic diorite and chlorite with 1% pyrite.										
			376.00-378.00 - white quartz-epidote-pyrite vein. Pyrite is erratic approximately 15% with inclusions of chlorite also in vein at 20°.										
			421.00-425.00 - pinkish (potassic) feldspar along veins and fractures.										
			421.10-421.60 - 3cm quartz vein, 5mm pyrite seam and pink feldspars at 20°.										
			429.80-430.30 - quartz-pyrite vein at 20°, with pink potassic feldspar alteration along shear.										
			475.00-475.20 - gabbroic xenolith.										
			481.00-487.00 - silicified diorite, bleached buff brown in places, trace pyrite.										
			481.50-481.70 - white bull quartz 30°.										
			506.00 - end of hole.										



oz/ton Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-6,7 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-8
COMMENCED: November 24, 1987
COMPLETED: November 27, 1987
LOCATION : 4700E 19093N
ELEV. : 1116.5m
CORE SIZE: BQ
COLLAR DIP : -45°
COLLAR AZIMUTH: 195°
% RECOVERY : 100%
LENGTH : 837'
PAGE : 1 of 7
LOGGED BY : Alan B. Taylor
DATE : Dec. 2, 1987
CORE STORED : On property

Sperry-Sun Survey at 200'=194° Az -48° at 500'=201° Az -49° at 837'=205° Az -51°.

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	13.00		Casing.										
13.00	837.00		Quartz Diorite										
			Narrow quartz veins +/- carbonate +/- chlorite +/- epidote +/- silicified										
			wall rock at 37.40 - 1cm at 50° (light pyrite), 39.30 - 1cm (banded quartz										
			+ carbonate) at 45° (light pyrite), 44.40 - 3mm at 40° (chlorite slip,										
			trace pyrite), 49.30 - 4mm at 45°, 51.50 - grey aplite, 3mm at 25°, 67.40										
			- 2mm at 45°, 106.30 - 1cm milky quartz at 80° (trace pyrite), 110.50 -										
			2mm at 70°, 161.50 - 5mm at 45°, 169.00 - 1cm (pinkish aplite) at 35°,										
			171.40 - 3mm at 45° (hematitic stain), 191.50 - 4mm at 30°, 213.50 - 2mm										
			(x2) at 80°, 227.80 - pink 1cm aplite at 30°, 253.00 - 8mm at 80°, 266.60										
			- 2mm at 70°, 307.00 - 2mm at 15°, 313.00 - 3mm at 30°, 355.80 - 2cm at										
			45°, 360.80 - 3mm at 15°, 400.00 - 3mm at 15°, 404.00 - 3mm pyrite at 15°,										
			426.80 - 5mm at 45°, 458.40 - 3mm at 45° (x2), 471.70 - 2mm at 45°, 472.20										
			- 1cm at 45°, 473.00 - 1mm at 30°, 474.20 - 3mm at 50°, 512.50 - 5mm at										
			60°, 536.90 - 1mm at 80°, 541.00 - 1cm at 80°, 542.50 - 2mm at 60°, 544.40										
			- 2cm at 90°, 546.60 - 6mm at 70°, 546.90 - 5mm at 80°, 558.00 - 3mm at										
			70° (x3), 574.00-575.50 - 1cm at 70° (x4), 601.80 - 2mm at 50°, 613.60 -										
			1cm pink carbonate at 60°, 621.70 - 6mm at 40° (trace pyrite), 686.20 - 1cm										
			banded quartz, trace pyrite at 35°, 695.40 - 2mm at 70° (x3), 699.50-701.00										
			- 2mm at 50° (x4), 719.00 - 1cm at 30°, 720.00 - 8mm at 30°, 739.00 - 2cm										
			pink aplite at 90°, 781.00 - 1cm at 80° (light pyrite), 789.70 - 2cm at										
			45°, 808.50 - 1cm at 30°, 814.50 - 1cm at 45°, 824.30 - 1cm at 40°, 828.00-										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			829.00 - 2mm at 30° (x4), 831.20 - 2cm aplite at 35°, 834.00 - 4mm at 50°,										
			834.60 - 2mm at 40°. Rusty weathered vein: 87.00 at 30°, 23.60-23.70										
			(vuggy), 24.80, 384.70 vuggy at 20°.										
			22.60-26.50 - silicified diorite in places becoming milky grey and	57249	22.5	26.5	4.0		410				
			aphanitic, 3% disseminated pyrite. Multiple irregular quartz veins.	57250	37.0	40.0	3.0		505				
				57251	52.4	55.0	2.6		220				
			52.40-55.00 - silicified diorite, light milky grey to dark grey, gross	57928	78.0	81.0	3.0		1				
			banding 30°, disseminated 2% pyrite.	57252	81.0	82.0	1.0		18250				
				57929	82.0	85.0	3.0		1				
			81.10-82.00 - quartz-pyrite vein at 25°, pyrite some banded and averages	57930	85.0	88.0	3.0		172				
			12%, contacts sharp and unaltered.	57931	88.0	91.0	3.0		159				
				57932	99.0	102.5	3.5		1				
			102.70-102.80 - quartz pyrite vein at 45°, pyrite approximately 4%, wall	57253	102.5	103.0	0.5		7580				
			rock unaltered.	57933	103.0	106.0	3.0		1				
				57934	106.0	107.0	1.0		730				
			115.50-115.80 - gabbroic xenolith.	57935	107.0	110.0	3.0		25				
				57254	126.0	129.2	3.2		212				
			116.50-116.80 - gabbroic xenolith.	57255	189.0	192.0	3.0		1065				
				57256	192.0	195.0	3.0		1065				
			185.40-185.60 - porphyritic andesite xenolith.	57257	195.0	198.0	3.0		295				
				57258	198.0	201.0	3.0		19				
			189.00-208.00 - altered diorite, mafics altered, silicified.	57259	201.0	204.0	3.0		440				
				57260	204.0	208.0	4.0		48				
			192.00-195.00 - pinkish diorite, silicified, contains 1-2% pyrite.	57261	221.0	225.0	4.0		30				
				57262	225.0	230.0	5.0		83				
			198.00-205.00 - bleached diorite, white feldspar in chloritic matrix.	57263	230.0	234.0	4.0		6				
				57264	234.0	235.0	1.0		213				

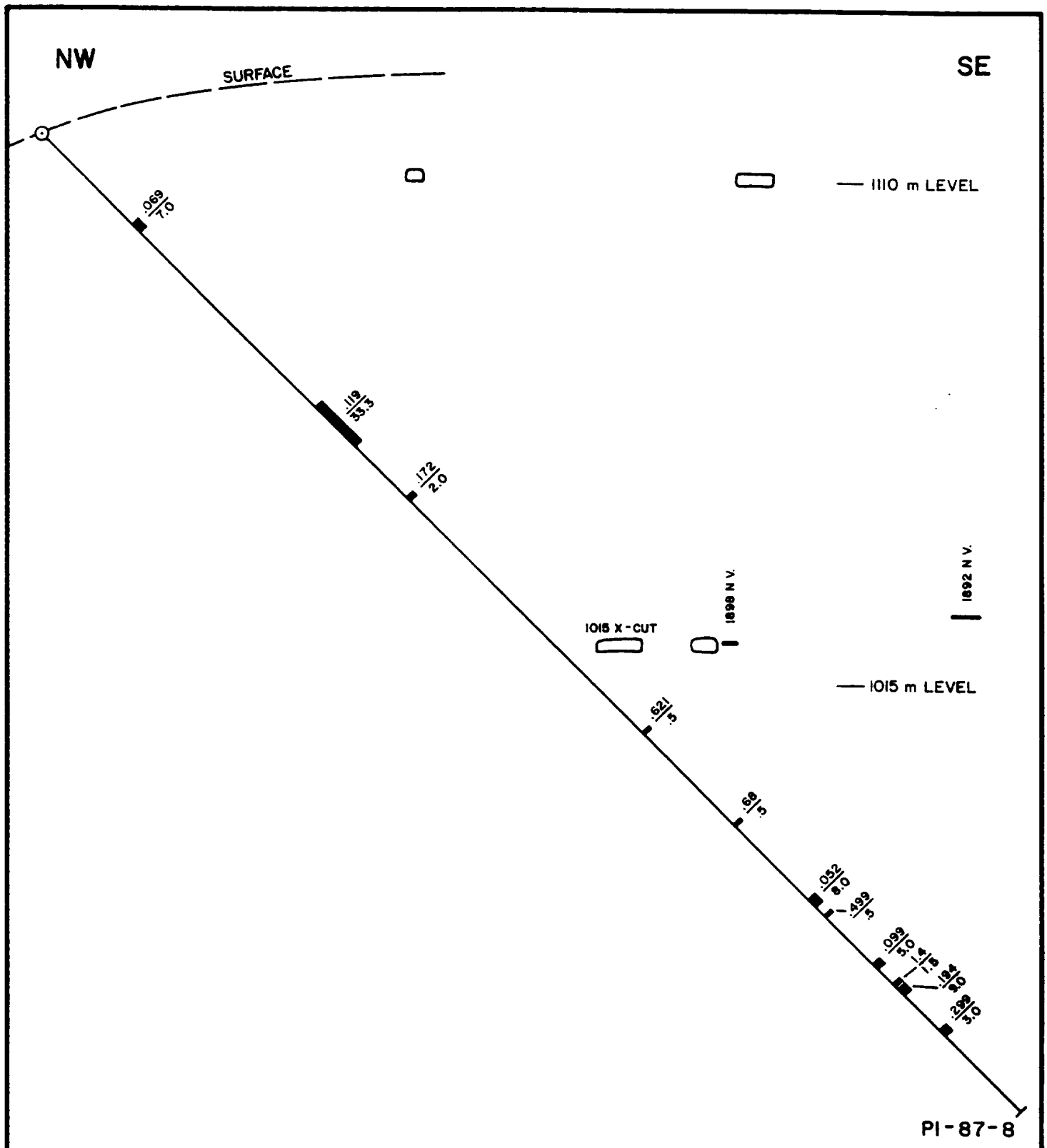
From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			221.00-225.00 - silicified diorite.	57265	235.0	240.5	5.5		1980				
				57266	240.5	241.0	0.5		23800				
			223.50-224.20 - buff pink silicified diorite with chlorite and 2%	57267	241.0	244.5	3.5		11				
			pyrite.	57268	244.5	245.0	0.5		91800				
				57269	245.0	247.0	2.0		735				
			225.00-247.00 - section containing 12 narrow quartz veins at approximately	57936	247.0	251.9	4.9		1				
			70° which variably silicify wall rock and carry light pyrite.	57270	251.9	253.3	1.4		2670				
				57937	253.3	257.0	3.7		31				
			234.10-235.00 - quartz-chlorite vein carrying 3% pyrite.	57938	257.0	260.0	3.0		4				
				57939	260.0	263.0	3.0		9				
			240.80-241.00 - quartz-pyrite (30%).	57940	263.0	267.8	4.8		610				
				57271	267.8	268.3	0.5		108000				
			244.90-245.00 - quartz-pyrite-chlorite, pyrite = 40%.	57941	268.3	272.0	3.7		70				
				57942	272.0	276.8	4.8		68				
			251.90-253.30 - silicified chloritized diorite with 1% pyrite. Dark grey	57272	276.8	277.5	0.7		625				
			and aphanitic.	57951	277.5	282.0	4.5		6				
				57952	282.0	285.0	3.0		184				
			262.00-262.40 - epidote rich diorite.	57273	285.0	288.0	3.0		585				
				57274	288.0	291.5	3.5		650				
			267.80-268.30 - white quartz vein 70°, pyrite 2%.	57953	285.0	288.0	3.0		4				
				57954	295.0	300.0	5.0		83				
			276.80-277.50 - silicified grey diorite, 1% pyrite.	57955	300.0	304.0	4.0		4				
				57956	304.0	308.0	4.0		5				
			285.00-291.40 - variably silicified grey to pink diorite with chlorite	57957	308.0	311.0	3.0		7				
			and 1% pyrite.	57276	311.0	313.0	2.0		5890				
				57958	313.0	317.0	4.0		48				
			311.00-313.00 - silicified diorite with a quartz-pyrite vein 312.00-312.80	57277	403.5	404.5	1.0		280				
			carrying 10% pyrite at 30°.	57278	408.0	412.0	4.0		38				

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			325.00-326.00 - hornblende quartz diorite flow layer or xenolith.	57279	412.0	415.0	3.0		310				
				57280	415.0	418.0	3.0		1				
			345.00-345.20 - milky grey aplite vein at 30° with a fine peppery	57281	418.0	421.0	3.0		190				
			texture.	57282	421.0	426.0	5.0		59				
				57283	458.3	459.3	1.0		23				
			408.00-426.00 - altered diorite (silicified).	57959	467.0	472.0	5.0		68				
				57960	472.0	477.0	5.0		215				
			412.00-418.00 - silicified diorite with pyrite along fractures, talcy.	57961	477.0	482.0	5.0		48				
				57962	482.0	487.0	5.0		66				
			419.00 - 3cm white bull quartz vein , badly broken.	57963	487.0	492.0	5.0		5				
				57964	492.0	497.0	5.0		7				
			420.00-426.00 - bleached white quartz diorite, trace pyrite.	57965	497.0	500.0	3.0		26				
				57284	500.0	502.5	2.5		225				
			458.30-459.30 - somewhat silicified diorite with chloritic clots and trace	57285	502.5	505.5	3.0		565				
			pyrite.	57286	505.5	507.0	1.5		1030				
				57287	507.0	510.0	3.0		410				
			466.00-467.00 - mafic gabbroic xenolith.	57288	510.0	513.0	3.0		270				
				57289	513.0	516.0	3.0		96				
			486.00-487.30 - foliated diorite at 30°.	57966	516.0	520.0	4.0		6				
				57967	520.0	524.0	4.0		20				
			490.50-492.00 - same as above (flow banding?)	57968	524.0	528.8	4.8		255				
				57290	528.8	529.3	0.5		21300				
			500.00-516.00 - altered bleached diorite cut by multiple white quartz	57969	529.3	534.0	3.0		4680				
			veins. Quartz veins at 503.60 (x 2cm at 30°), 505.50 -> 507.00 with	57970	534.0	537.0	3.0		650				
			chlorite and trace pyrite, 508.00 (2m), 509.00 (5cm at 50°), 509.50 (4cm	57291	537.0	542.0	5.0		1860				
			at 30°).	57292	542.0	545.0	3.0		430				
				57293	545.0	550.0	5.0		360				
			528.80-529.20 - broken up diorite with pyritic seams.	57294	550.0	555.0	5.0		315				

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			555.40-561.20 - sheared and broken up, silicified and chloritized diorite	57295	555.0	558.0	3.0		205				
			with trace pyrite, shears generally 10-20°.	57296	558.0	562.0	4.0		148				
				57971	562.0	566.0	4.0		27				
			566.50-572.00 - foliated diorite of variable angles, average 20°, minor	57297	566.0	569.0	3.0		26				
			quartz veins with trace pyrite.	57298	569.0	572.0	3.0		230				
				57299	572.0	577.0	5.0		840				
			589.20-589.30 - banded quartz-pyrite vein at 35°, 5% pyrite.	57972	577.0	582.0	5.0		450				
				57973	582.0	587.0	5.0		49				
			595.00-596.00 - buff pink silicified diorite with 2% pyrite.	57974	587.0	589.0	2.0		320				
				57300	589.0	589.5	0.5		23320				
			605.00-606.00 - banded quartz vein, trace pyrite 40%.	57975	589.5	595.0	5.5		40				
				57301	595.0	596.0	1.0		1340				
			609.00-610.00 - same as above.	57976	596.0	600.0	4.0		240				
				57977	600.0	605.0	5.0		205				
			625.80-626.30 - banded quartz vein at 45° with 4% pyrite.	57302	605.0	606.0	1.0		3510				
				57978	606.0	609.0	3.0		91				
			628.70-643.00 - badly broken up sheared diorite, poor recovery (90%) with	57303	609.0	610.0	1.0		2455				
			talcy alteration (carbonate).	57979	610.0	615.0	5.0		83				
				57980	615.0	621.0	6.0		7				
			635.20 - quartz vein.	57981	621.0	625.8	4.8		149				
				57304	625.8	626.3	0.5		18420				
			640.00-640.30 - quartz vein, trace pyrite.	57982	626.3	628.0	1.7		11				
				57305	628.0	635.0	7.0		30				
			648.00 - 3cm band quartz vein 30°, light pyrite, chalcopyrite?	57306	635.0	643.0	8.0		1790				
				57983	643.0	648.0	5.0		192				
			674.40-674.80 - banded quartz vein 35°, 5% banded pyrite.	57307	648.0	648.5	0.5		640				
				57308	648.5	651.0	2.5		225				
			681.00-681.40 - pink aplitic vein at 20°.	57984	651.0	657.0	6.0		90				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			695.00-705.00 - pink quartz diorite with multiple carbonate-quartz	57985	657.0	661.0	4.0		420				
			stringers and veins.	57986	661.0	666.0	5.0		101				
				57987	666.0	669.0	3.0		510				
			708.00-717.70 - silicified diorite (pinkish) with chlorite-carbonate	57988	669.0	674.4	5.4		136				
			clots, trace pyrite in small quartz vein.	57309	674.4	674.9	0.5		17110				
				57989	674.9	679.0	4.1		154				
			726.00-727.00 - 2cm quartz-pyrite-graphite vein at 10°.	57990	679.0	684.0	5.0		390				
				57991	684.0	689.0	5.0		380				
			728.00-737.00 - diorite with quartz veins.	57992	689.0	695.0	6.0		15				
				57310	695.0	700.0	5.0		142				
			730.00-730.40 - quartz vein at 20° with 2% pyrite and trace	57311	700.0	705.0	5.0		310				
			chalcopyrite.	57993	705.0	708.0	3.0		210				
				57312	708.0	713.0	5.0		3400				
			731.40-732.00 - quartz vein at 20° carrying 1% pyrite and chlorite.	57313	713.0	718.0	5.0		355				
				57994	718.0	723.0	5.0		76				
			734.50-734.70 - banded quartz and pyrite (20%) at 30°.	57995	723.0	725.5	2.5		260				
				57314	725.5	727.0	1.5		49800				
			749.00-751.00 - foliated quartz chlorite (40°) with irregular quartz-	57996	727.0	728.0	1.0		400				
			chlorite veins.	57315	728.0	732.0	4.0		1230				
				57316	732.0	737.0	5.0		11200				
			736.00-764.20 - foliated (30°) diorite with quartz-pyrite vein 764.00,	57317	737.0	742.0	5.0		205				
			pyrite 30% banded at 40°.	57997	742.0	745.0	3.0		158				
				57318	745.0	747.0	2.0		1290				
			796.10-796.30 - banded quartz vein 45°, trace pyrite.	57998	747.0	749.0	2.0		55				
				57319	749.0	751.0	2.0		1080				
			815.40-815.60 - quartz-chlorite vein 30°.	57999	751.0	756.0	4.0		7				
				58000	756.0	761.0	5.0		7				
			837.00 - end of hole.	11001	761.0	763.0	2.0		670				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
				57320	763.0	765.0	1.0		2610				
				11002	766.0	771.0	5.0		82				
				11003	771.0	776.0	5.0		11				
				11004	776.0	781.0	5.0		740				
				11005	781.0	786.0	5.0		10				
				11006	786.0	789.0	3.0		63				
				11007	789.0	793.0	4.0		18				
				11008	793.0	796.0	3.0		9				
				57322	796.0	796.5	0.5		8750				
				11009	796.5	801.0	4.5		13				
				11010	801.0	806.0	5.0		8				
				11011	806.0	810.2	4.2		97				
				11012	810.7	814.0	3.3		8				
				75324	814.0	816.0	2.0		580				
				11013	816.0	820.0	4.0		11				
				11014	820.0	824.0	4.0		2				
				57325	824.0	824.5	0.5		1760				
				11015	824.5	829.0	4.5		215				
				11016	829.0	834.0	5.0		178				
			837.00 - end of hole.	11017	834.0	837.0	3.0		66				



oz/ton Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-8 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-9
COMMENCED: November 27, 1987
COMPLETED: November 30, 1987
LOCATION : 4700E 19093N
ELEV. :
CORE SIZE:
COLLAR DIP : -55°
COLLAR AZIMUTH: 165°
% RECOVERY : 100%
LENGTH : 570 ft
PAGE : 1 of 5
LOGGED BY : Alan B. Taylor
DATE : Dec. 5, 1987
CORE STORED : On property

Sperry-Sun Survey: at 200'=163°/-57°, 570'=164°/-57°.

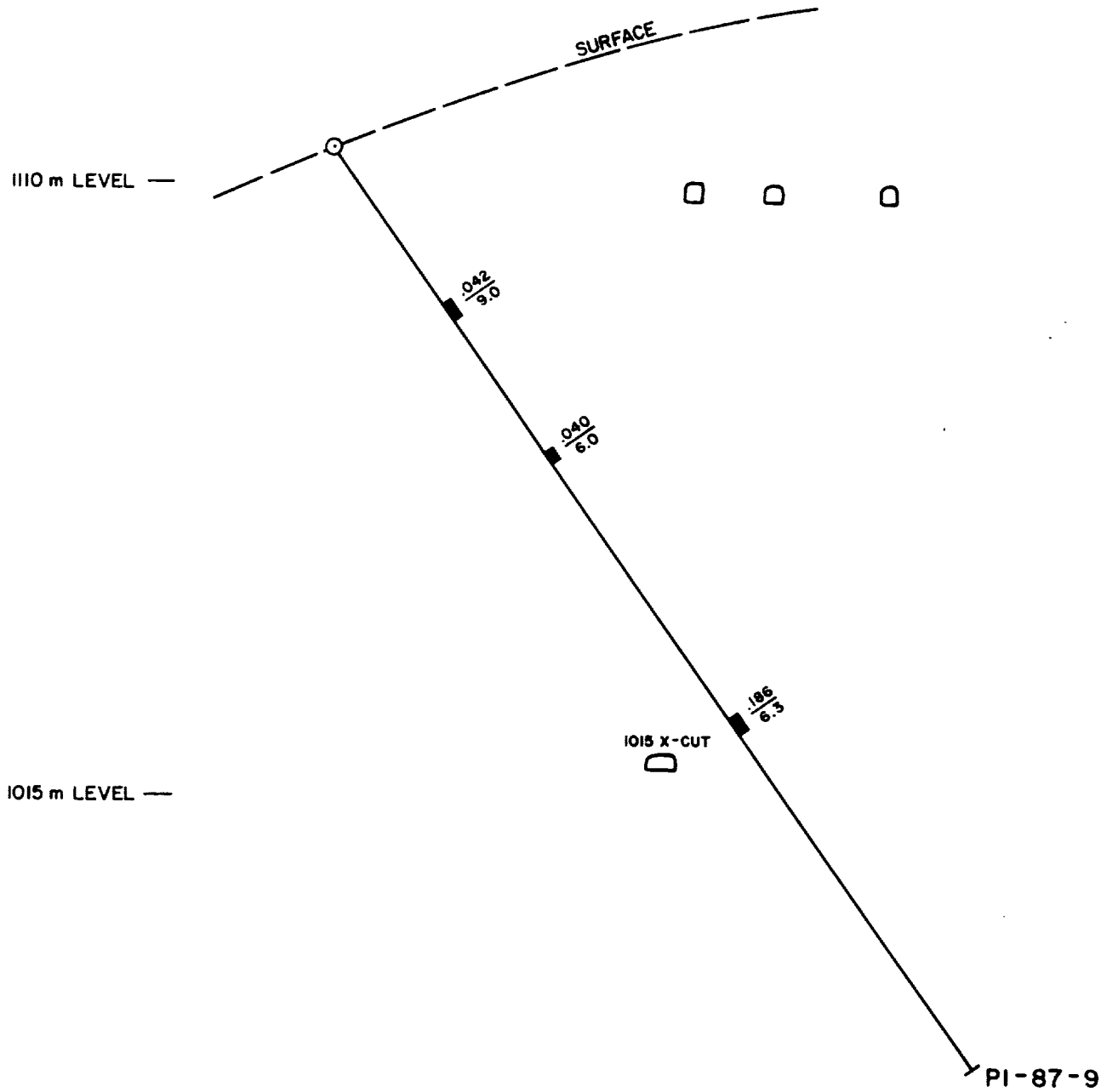
From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	570.00		Quartz Diorite	11018	10.0	14.0	4.0		121				
			Narrow quartz veins +/- carbonate +/- chlorite +/- silicified wall rock at	57326	14.0	17.0	3.0		1410				
			28.40 - 5mm at 60° (light pyrite), 47.90 - 5mm at 80°, 48.70 - 8mm at 70°	57327	17.0	20.0	3.0		103				
			(light pyrite), 48.90 - 2cm at 70° (moderate pyrite), 51.60 - 4mm at 50°,	57328	20.0	23.0	3.0		310				
			52.40 - 4mm at 60°, 77.00 - 1mm at 15° (grey aplite), 83.30 - 5mm at 60°,	11019	23.0	28.0	5.0		21				
			88.00 - 5mm (pyrite) at 60°, 92.80 - 4mm at 50°, 96.40-96.70 - 5mm at 50°	11020	28.0	29.0	1.0		7				
			(x2), 101.10 - 4mm (pyrite) at 45°, 102.80 - 5mm at 65°, 105.00-107.00 -	11021	29.0	32.4	3.4		13				
			5mm at 50° (x4), 107.60 - 1mm at 50°, 112.30 - 2mm at 40°, 117.20 - 4mm at	57329	32.4	33.4	1.0		174				
			35°, 137.20 - 1cm pyrite at 40°, 145.70 - 2mm at 80°, 153.50 - 2mm at 30°,	11022	33.4	39.0	5.6		16				
			159.00 - 2mm at 10°, 187.10 - 5mm at 50° (light pyrite), 188.60 - 2mm at	57330	39.0	42.0	3.0		335				
			50°, 192.40 - 3mm at 60° (moderate pyrite), 199.30 - 3mm at 60°, 206.40 -	57331	42.0	45.0	3.0		665				
			3mm at 60°, 227.20 - 3mm at 30°, 244.60 - 3mm at 35°, 254.00-255.00 - 1cm	57332	45.0	48.0	3.0		240				
			aplite at 10°, 258.00-261.00 - 1cm aplite at 10°, 273.50-274.50 - 1cm	57333	48.0	52.0	4.0		1410				
			aplite at 20°, 317.00-319.00 - 2-5mm at 40° (x5), 401.50 - 3mm at 50°,	11037	52.0	57.0	5.0		265				
			405.40 - 3mm at 60°, 406.40 - 4mm at 50° and 2mm at 30° (pyrite), 412.70 -	57334	77.6	78.5	0.9		605				
			2mm at 80°, 454.20 - 3mm at 40°, 455.10 - 3mm at 45°, 456.00-457.00 - 3mm	11023	83.0	88.0	5.0		6				
			(x5) at 60°.	11024	88.0	89.0	2.0		2090				
				11025	89.0	92.0	3.0		69				
			14.60-24.00 - silicified diorite, buff brown to dark grey with variable	11026	92.0	96.0	4.0		530				
			sections vaguely showing granitic texture.	57336	96.0	99.0	3.0		1340				
				57337	99.0	102.0	3.0		1860				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			32.40-33.40 - buff brown silicified diorite with 1-2% pyrite disseminated.	57338	102.0	105.0	3.0		1510				
				57339	105.0	108.0	3.0		380				
			34.00-34.20 - gabbroic-epidote xenolith.	11027	108.0	111.2	3.2		34				
				57341	111.2	112.8	1.6		1320				
			39.30-52.00 - dark grey to buff brown silicified diorite.	11028	112.8	117.0	4.2		4				
				57340	117.0	117.5	0.5		2520				
			47.00-52.00 - diorite texture still evident but cut by multiple <1cm	11029	117.5	122.0	4.5		2				
			quartz-pyrite veins.	11030	122.0	125.5	3.5		5				
				57342	125.5	126.0	0.5		3670				
			50.00-52.00 - core broken up moderately.	11031	126.0	130.0	4.0		44				
				11032	130.0	134.0	4.0		6				
			61.00-61.40 - gabbroic epidote xenolith.	11033	134.0	137.0	3.0		26				
				57343	137.0	139.0	2.0		2890				
			67.00-67.60 - epidote rich diorite, epidote veinlets 1mm at 35°.	11034	139.0	144.0	5.0		1				
				57344	144.0	147.0	3.0		880				
			77.60-77.50 - creamy brown diorite with 1% pyrite.	57345	147.0	150.0	3.0		87				
				57346	150.0	152.0	2.0		111				
			82.60-82.80 - silicic diorite, trace pyrite.	11035	152.0	157.0	5.0		49				
				11036	157.0	162.0	5.0		32				
			84.20-85.40 - epidote rich diorite.	57347	162.0	165.0	3.0		98				
				57348	165.0	167.0	2.0		31				
			96.00-108.00 - quartz diorite cut by numerous 1cm quartz veinlets. At 50°	11038	182.0	187.0	5.0		4				
			comprises 5% of rock and some with light pyrite.	57348	187.0	190.0	3.0		1330				
				57354	190.0	193.0	3.0		1490				
			117.00-117.50 - silicified wall rock around a chloritic-quartz shear at	11039	193.0	198.0	5.0		7				
			35°, pyrite 1%.	11047	198.0	203.0	5.0		11				
				11048	203.0	208.0	5.0		16				
			127.50-130.00 - apple green epidote altered diorite.	11040	208.0	213.1	5.1		4				

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			137.00-139.00 - diorite with quartz pyrite vein at 137.20 at 40°, 138.70 -	57349	213.1	213.6	0.5		19550				
			139.0 at 40°.	11041	213.6	218.0	4.4		9				
				57350	218.0	221.0	3.0		815				
			144.00-152.00 - locally altered diorite intruded by numerous quartz veins.	57351	221.0	224.0	3.0		420				
				57352	224.0	228.0	4.0		118				
			162.00-167.00 - silicified dark grey diorite with trace pyrite.	11042	228.0	232.8	4.8		94				
				57353	232.8	234.0	1.2		250				
			178.80-179.20 - gabbroic xenoliths (x2).	11043	234.0	239.0	5.0		18				
				11044	239.0	244.0	5.0		25				
			187.00-190.00 - quartz diorite cut by 8 quartz veins at 50° with variable	11045	244.0	247.0	3.0		4				
			pyrite.	11046	247.0	251.0	4.0		6				
				57355	314.0	317.0	3.0		153				
			189.00-189.50 - gabbroic xenolith.	57356	317.0	320.0	3.0		320				
				11049	346.0	351.0	5.0		1				
			213.20-213.60 - banded quartz vein at 30° with light (2%) pyrite seams.	57357	351.0	355.2	4.2		3960				
				57358	355.2	356.0	0.8		29105				
			218.00-227.50 - variably silicified grey to buff brown diorite with 1%	57359	356.0	357.3	1.3		3410				
			pyrite and minor quartz veins.	11050	357.3	362.0	4.7		4				
				11051	362.0	367.0	5.0		7				
			232.80-234.00 - buff brown silicified diorite, trace pyrite.	11052	427.0	432.0	5.0		27				
				11053	432.0	437.0	5.0		44				
			314.00-320.00 - silicic diorite, moderately altered.	11054	437.0	442.0	5.0		38				
				11055	442.0	447.0	5.0		40				
			314.00-317.00 - numerous quartz veinlets, bleached diorite, trace	11056	447.0	450.0	3.0		4				
			pyrite.	11057	450.0	454.0	4.0		350				
				57360	454.0	457.5	3.5		590				
			317.00-320.00 - potassic pink alteration of feldspar with fine carbonate	11058	457.5	463.0	4.5		142				
			veinlet (+ chlorite).	11059	463.0	469.0	6.0		19				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			341.20-344.30 - porphyritic andesite dike with sharp chill contacts at	57361	469.0	469.5	0.5		157				
			40°, slightly green (chlorite) with amphiboles up to 8mm length, trace	57362	534.0	537.0	3.0		625				
			chalcopyrite.	57363	541.8	542.6	0.8		225				
				57364	568.0	570.0	2.0		88				
			351.00-357.30 - altered and sheared diorite.										
			351.00-355.20 - chloritic-quartz-carbonate shear zone healed with										
			carbonate, strong foliation, 1% pyrite.										
			355.20-356.00 - quartz vein with 5% pyrite at 30°.										
			364.00-364.80 - epidote rich diorite.										
			427.00-440.00 - slightly coarser diorite with feldspar appearing very										
			white in color.										
			454.00-457.50 - slightly altered diorite cut by 10 3mm quartz veins at										
			60°, trace pyrite.										
			469.00-469.50 - silicified + epidote rich diorite with 1% pyrite.										
			491.30-491.50 - pinkish aplite vein 30°, carries red-brown mineral										
			(iron carbonate? garnet?).										
			494.60-494.80 - pinkish aplite vein 25° with 4mm rutile needles.										
			503.30-503.50 - dark black gabbroic xenolith.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis				
									Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			507.60-507.80 - pink aplite 30° with rutile.										
			534.00-537.00 - silicified grey diorite, light chalcopyrite.										
			563.00-563.20 - pink feldspar vein 30° with garnet.										
			568.00-570.00 - silicified diorite, trace pyrite.										
			570.00 - end of hole.										



oz/ton Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-9 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-10
COMMENCED: November 30, 1987
COMPLETED: December 2, 1987
Sperry-Sun Survey: at 242'=144°/-45°, 482'=121°/-44°.

LOCATION : 4700E 19093N
ELEV. :
CORE SIZE:

COLLAR DIP : -45°
COLLAR AZIMUTH: 198°
% RECOVERY :
LENGTH : 482'

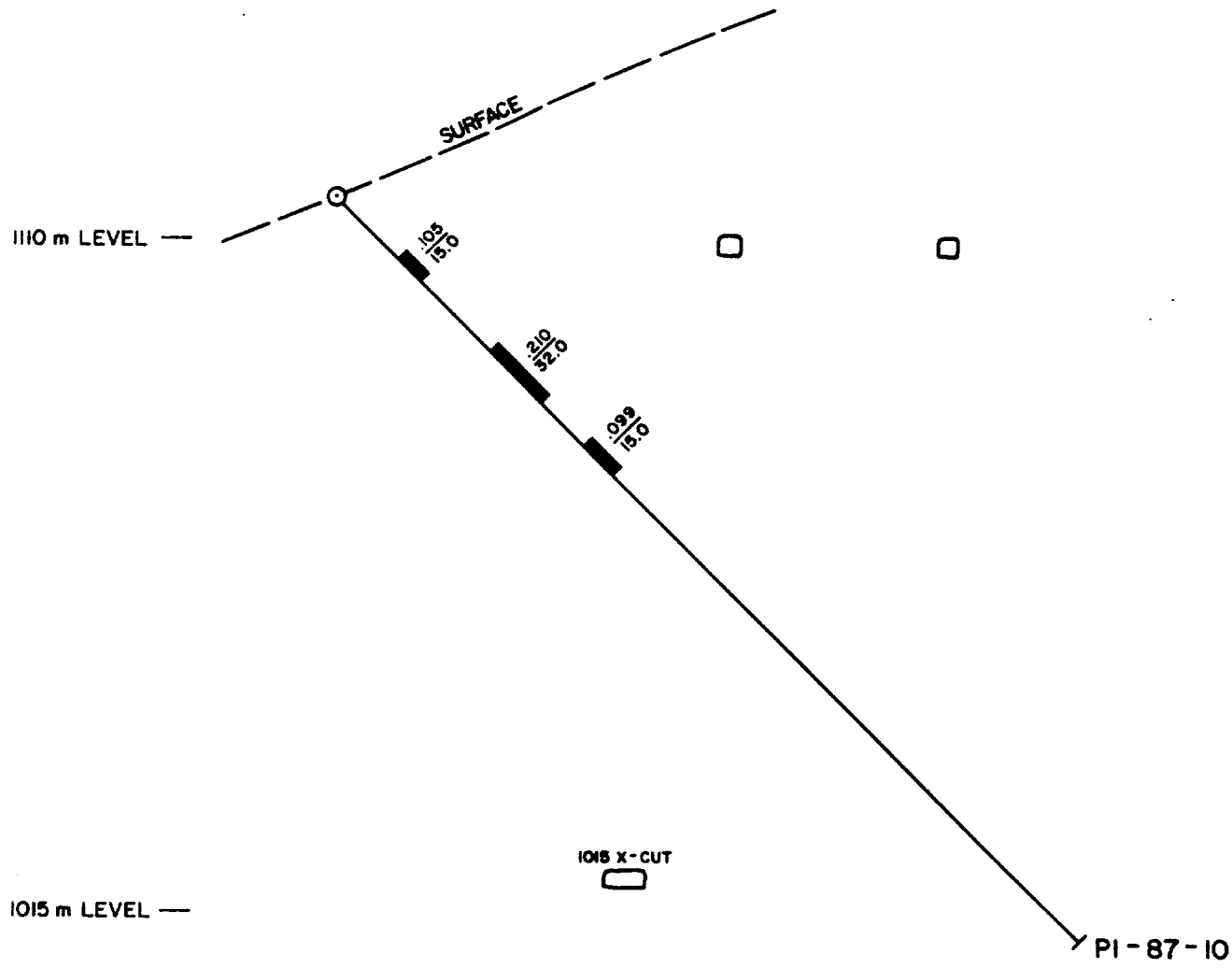
PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	482.00		Quartz Diorite	11060	13.0	17.0	4.0		1				
			Narrow quartz veinlets +/- carbonate +/- chlorite +/- silicified wall rock	11061	17.0	20.0	3.0		7				
			at 24.30 - 1mm at 50°, 25.50 - 2mm at 60°, 26.10 - 1mm at 60°, 27.60 - 2mm	11062	20.0	25.0	5.0		2				
			at 70°, 30.30 - 3mm at 50°, 34.80 - 1mm at 70°, 56.80 - 3mm at 70°, 59.10	11063	25.0	27.0	2.0		605				
			- 1cm at 80°, 76.90 - 3mm at 80°, 77.10 - 4mm at 70°, 87.10 - 2mm at 80°,	11064	27.0	30.0	3.0		4				
			91.10 - 4mm at 45°, 97.50 - 1cm at 50°, 109.60 - 4mm at 45°, 110.20 - 2mm	11065	30.0	33.0	3.0		28				
			at 30°, 200.50 - 1mm at 45°, 206.90 - 2mm at 50°, 239.30 - 2mm at 70°,	11066	33.0	38.0	5.0		86				
			276.70 - 2mm at 60°, 216.00 - 2mm at 80°, 304.00 - 4mm at 30°, 306.50-	57366	38.0	41.0	3.0		7310				
			307.00 - 2mm at 10°, 347.80 - 1mm at 90°, 350.00 - 1cm at 80°, 364.30 - 3mm	57367	41.0	44.0	3.0		715				
			at 50°, 368.30 - 3mm at 45°, 373.40 - 2mm at 40°, 398.70 - 1mm at 60°,	57368	44.0	47.0	3.0		2680				
			402.00 - 1cm at 80°, 407.40 - 2mm at 80°, 425.50 - 3mm at 45°, 407.00 - 2mm	57369	47.0	50.0	3.0		3110				
			at 50°, 409.00 - 1cm pyrite at 45°, 412.30 - 5mm at 80°, 414.10 - 3mm at	57370	50.0	53.0	3.0		4145				
			70°, 415.50 - 1cm at 45°, 417.20 - 1mm (x2) at 30°.	57371	53.0	56.0	3.0		605				
				57372	56.0	59.0	3.0		66				
			Rusty weathering at 54.00-55.00.	57373	59.0	62.0	3.0		124				
				57374	76.0	79.0	3.0		440				
			18.40-19.40 - epidote rich diorite.	57404	87.0	91.0	4.0		161				
				57403	91.0	94.0	3.0		12				
			38.00-62.00 - silicified diorite, grey to tan brown with chlorite clots	57402	94.0	97.0	3.0		810				
			and small quartz veinlets, trace pyrite.	57375	97.0	100.0	3.0		50				
				57376	100.0	103.0	3.0		11490				
			76.00-79.00 - variably silicified and bleached diorite by 5 quartz-chlorite	57377	103.0	106.0	3.0		6480				
			veins.	57378	106.0	109.0	3.0		27505				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			100.00-114.00 - altered diorite with pyrite veins.	57379	109.0	112.0	3.0		570				
				57380	112.0	114.0	2.0		8120				
			100.40-102.80 - silicified diorite with quartz-pyrite vein at 35° and	57405	114.0	118.0	4.0		63				
			100.40-102.80 - 1cm pyrite seam running parallel to core axis with	57406	118.0	124.0	6.0		200				
			chlorite and carbonate.	57381	124.0	127.0	3.0		129				
				57382	127.0	131.0	4.0		190				
			108.00-108.90 - quartz vein with heavy spotty pyrite, vein at 50°.	57383	131.0	132.0	1.0		83800				
				57384	132.0	135.0	3.0		154				
			111.00 - 2cm banded quartz vein 8% pyrite at 40°.	57385	135.0	137.0	2.0		70				
				57410	137.0	140.0	3.0		440				
			124.00-136.00 - variably altered diorite.	57411	140.0	143.0	3.0		126				
				57412	143.0	147.0	4.0		13				
			131.50-131.90 - pyritic (30%) quartz vein.	57413	147.0	149.0	2.0		8				
				57386	149.0	152.0	3.0		1460				
			149.00-176.00 - silicified diorite with minor quartz veins (light pyrite)	57387	152.0	155.0	3.0		240				
			at 30° and intermittant unaltered diorite.	57388	155.0	158.0	3.0		190				
				57389	158.0	161.0	3.0		164				
			157.40 - 4cm quartz vein 30° (trace pyrite).	57390	161.0	164.0	3.0		1485				
				57391	164.0	167.0	3.0		945				
			159.50 - carbonate-chlorite clot.	57392	167.0	170.0	3.0		405				
				57393	170.0	173.0	3.0		750				
			167.00-167.30 - quartz-carbonate-chlorite.	57394	173.0	176.0	3.0		15330				
				57398	176.0	179.0	3.0		65				
			213.00-217.00 - healed shear zone with quartz vein at 214.50-214.90.	57399	179.0	182.0	3.0		58				
			Foliated and somewhat silicified diorite. Foliation at 35° trace pyrite.	57409	202.0	205.0	3.0		50				
				11067	205.0	209.0	4.0		43				
			221.00-222.00 - bleached silicified diorite with a 3cm central quartz-	11068	209.0	213.0	4.0		5				
			chlorite vein 30°, trace pyrite.	57395	213.0	217.0	4.0		3820				

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			235.00-238.00 - slight epidote banding (vague), 3-4cm at 80°.	57400	217.0	221.0	4.0		21				
				57396	221.0	222.0	1.0		320				
			343.10-343.60 - quartz-pyrite vein at 30°, approximately 10% pyrite.	57401	222.0	226.0	4.0		34				
				11069	226.0	231.0	5.0		44				
			272.80-273.00 - grey aplitic vein 30°.	11070	231.0	236.0	5.0		35				
				11071	236.0	240.0	4.0		22				
			286.00-291.10 - porphyritic andesite dike 30° contacts, epidote rich at	57407	240.0	243.0	3.0		4				
			borders. Feldspar 4mm approximately 20% in a dark grey aphantic matrix.	57397	243.0	244.0	1.0		8765				
				57408	244.0	247.0	3.0		25				
			334.50-334.60 - banded quartz-chlorite vein 30° with trace pyrite.	11072	300.0	305.0	5.0		37				
				11073	305.0	309.0	4.0		142				
			352.00-353.00 - creamy brown silicified diorite with 1% pyrite.	11074	309.0	314.0	5.0		22				
				11075	330.0	333.0	3.0		18				
			373.00-373.20 - silicified diorite, trace pyrite.	57414	333.0	336.0	3.0		215				
				11076	336.0	341.0	5.0		7				
			392.00-394.50 - broken up diorite, slightly chloritized.	11077	341.0	345.0	4.0		1				
				11078	345.0	349.0	4.0		17				
			407.00-407.40 - silicified diorite, 2% pyrite at 40°.	57415	349.0	352.0	3.0		18				
				57416	352.0	353.0	1.0		260				
			409.00-409.10 - 1cm quartz and 1cm banded pyrite at 40°.	57417	353.0	356.0	3.0		4				
				57418	373.0	377.0	4.0		39				
			430.50-435.50 - buff cream brown silicified diorite with chlorite knots	57419	377.0	381.0	4.0		1				
			and 3% pyrite (disseminated).	57420	381.0	385.0	4.0		33				
				57421	385.0	388.0	3.0		250				
			442.00-452.00 - altered, sheared and healed diorite, 442.00-445.20 folia-	57422	388.0	392.0	4.0		49				
			tion varying 10-30°, core broken. 2cm banded quartz vein 443.50 chloritic	57423	392.0	395.0	3.0		172				
			knots, trace pyrite.	57424	395.0	398.0	3.0		59				
				57425	398.0	401.0	3.0		11				

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			445.20-452.00 - foliated chloritic diorite at 30°.	57426	401.0	404.0	3.0		245				
				57427	404.0	407.0	3.0		74				
			462.40-463.10 - pinkish potassic zone with orangy feldspathic diorite.	57428	407.0	410.0	3.0		3120				
				57429	410.0	413.0	3.0		139				
				57430	413.0	416.0	3.0		38				
				57431	416.0	419.0	3.0		99				
				57432	419.0	422.0	3.0		108				
				57433	422.0	426.0	4.0		155				
				57434	426.0	430.5	4.5		172				
				57435	430.5	435.5	5.0		660				
				57436	435.5	438.0	2.5		32				
				57437	438.0	441.0	3.0		28				
				57438	441.0	445.2	4.2		192				
				57439	445.2	451.0	5.8		12				
				57440	451.0	453.0	2.0		1				
				57441	453.0	456.0	3.0		1				
				11079	456.0	457.0	1.0		24				
				11080	457.0	462.0	5.0		17				
			482.00 - end of holes.										



oz/t Au
feet

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-10 DDH SECTION

m 0 20 40 60 m

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-11
COMMENCED: December 2, 1987
COMPLETED: December 5, 1987
OBJECTIVE: Edye Shear and Dawson mineralization.
Sperry-Sun Surveys: at 300'=303°/-46°, 625'=308°/-45°.

LOCATION : 4531E 19250N
ELEV. : 290 ft ASL (approx.)
CORE SIZE: BQ

COLLAR DIP : -45°
COLLAR AZIMUTH: 300°
% RECOVERY : 99%
LENGTH : 625'

PAGE : 1 of 5
LOGGED BY : Alan B. Taylor
DATE : Dec. 9, 1987
CORE STORED : On property
UNUSUAL FEAT : Blocky

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	16.30		Dark black amphibolite with sporadic porphyritic white feldspar, broken up and weathered, poor core recovery, trace pyrite.										
16.30	18.00		Coarse diorite with feldspar up to 4mm. Upper and lower contacts sharp at 25°.										
18.00	48.50		Dark black to grey amphibolite to amphibolite schist. Strongly foliated at an average 40°. Core is moderately broken. Multiple granitic-type veins <1cm and green epidote-chlorite veinlets averaging 1mm comprising 1% of section.										
			Coarse granitic (sills) veins at 22.00-22.40, 28.00-28.40, 31.10-31.90 (pink potassic vein).										
48.50	55.00		Intrusive sill varying from porphyritic feldspar diorite (48.50-48.70) to fine grained silicic monzonite with a fine pepper texture of 10% mafics in a aphanitic grey matrix. Contacts 50°, 2mm pyritic vein 10° at 53.00 and 1% pyrite 52.00-55.00. Vuggy epidote at lower contact.										
55.00	93.00		Dark black to grey amphibolite at 45°. Variable textures from black aphanitic with epidote veinlets to milky grey showing a vague intrusive										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			texture cut by multiple epidote and quartz veinlets.										
			Felsic-aphanitic sills at 64.70->65.10, 74.50-75.90.										
			Coarse green 7mm epidote vein at 10°, 71.00-73.00.										
			Pyrite in 1cm quartz vein (37°) 71.50 at 15°.										
93.00	95.70		Green cherty volcanic (tuff?) with fine seams of pyrite (<1%) at 40°.										
			Contacts at 25-30° and quite sharp with trace pyrite.										
95.70	141.40		Dark milky grey amphibolite with vague intrusive textures evident locally,										
			probably metamorphosed intrusive. Foliation around 45°. Badly broken up										
			shear at 119.00-119.50, 135.00-136.00, 140.80-141.20. Small 5mm quartz-										
			pyrite (4%) vein at 115.30, 119.70. Red iron carbonate at 131.00.										
141.40	147.00		Dark black basalt dike with calcite amygdules 3-5mm in central part.										
			Sharp chilled upper contact at 45°, moderately magnetic. Shot with										
			carbonate veinlets <5mm at 50° and at lower contact.										
147.00	147.50		Grey amphibolite, 1% pyrite.										
147.50	148.00		Black amphibolite with 1% pyrite.										
148.00	168.70		Grey medium diorite, massive appearance, core badly broken 154.00-154.50.										
			Minor carbonate veinlets.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
168.70	169.50		Quartz-pyrite vein with semi-massive banded pyrite (30% overall) previously sampled.										
169.50	265.00		Massive to semi-massive epidote rich diorite. Quartz veins, trace pyrite at 248.00, 254.00, 207.00-208.00. Core moderately broken up.										
			209.50-216.50 - Core badly broken, fault zone with carbonate and talcy alteration and clay development (only 40% recovery).										
			218.60-225.60 - badly broken fault zone , blue clay alteration (only 60% recovery).										
			227.00-233.00 - core moderately broken, <50% recovery.										
265.00	266.00		Porphyritic "gabbroic" dike contacts at 40°. Amphiboles approximately 4-5mm comprise 60% of rock.										
266.00	287.00		Massive grey diorite (same as 169.00-265.00) with minor pyrite.										
287.00	287.40		Broken and clay alteration, fault zone, minimal recovery.										
287.40	290.90		Dark black meta-basalt with epidote veinlets and 2:1 flattened amgydules.										
290.90	346.20		Dark grey to grey foliated meta-diorite. Overall fine grained at 50°, more altered than above diorite.										
			Coarser sections show 3-6mm feldspar crystals at 299.80-301.50, 304.50-304.90, 333.00->333.70.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			Pinkish-red mineral - rhodochrosite? associated with epidote veins at										
			297.10, 323.60, 325.00-327.00 - 1mm at 0°, trace pyrite 304.00-307.00.										
346.20	348.60		Cream white felsic diorite (mafics <5%) contacts at 25°.										
348.60	351.50		Dark grey meta-diorite, light 1cm felsic vein at 349.00 at 40°.										
351.50	352.60		Same as 346.20-348.60. Also a red mineralization on fracture (35°)										
			rhodochrosite?										
352.60	438.00		Black to light grey amphibolites and meta-diorites. Foliation at 35°.										
			Local epidote 391.40-393.50. Badly broken at 354.00-354.70, 368.00-369.00.										
			Rock cut by multiple anastomosing epidote veinlets. Red carbonate										
			(rhodochrosite?) at 400.00, 406.50, 425.70, 437.50.										
438.00	487.00		Milky grey meta-diorite foliated at 50°.										
			439.00-440.00 - small 1mm pyritic seams in veinlets (<1%).										
			447.70-452.00 - silicic meta-diorite with pyrite seams and locally as										
			matrix material. Average pyrite 2%.										
487.00	514.00		Dark grey to black banded amphibolite with multiple epidote veins parallel										
			to foliation at 35°. Quite silicic in places with local granitic veinlets.										
514.00	522.00		Meta-diorite showing granitic textures, massive to foliated (40%), local										
			epidote rich bands.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
522.00	625.00		Banded amphibolites interlayed with meta-diorites with knots of epidote										
			commonly creating small vugs and clots. Foliation 35°.										
			564.00-565.00 - local pyrite seams 1mm parallel to foliation (1%).										
			567.20-568.60 - pinkish potassic feldspar vein with trace pyrite.										
			596.00-597.00 - badly broken core, fault. 10 feet missing.										
			625.00 - end of hole.										

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-12
COMMENCED: December 5, 1987
COMPLETED: December 6, 1987
OBJECTIVE: Dawson & Edye Shear
Sperry-Sun Surveys: at 40'=293°/-63°, 220'=229°/-62°, 445'=300°/-61°.

LOCATION : 4531E 19250N
ELEV. : 290 ft ASL (approx.)
CORE SIZE: BQ

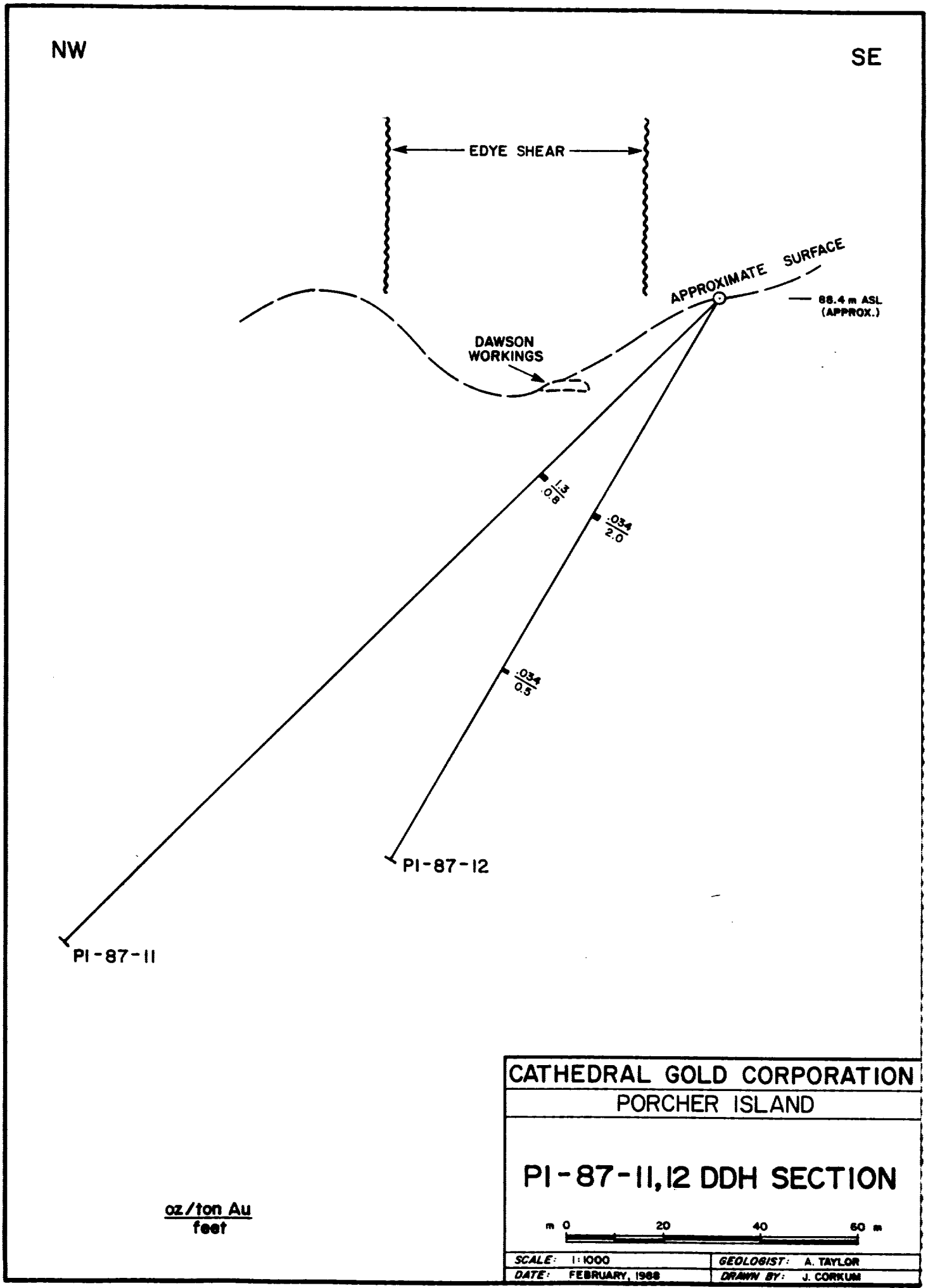
COLLAR DIP : -63°
COLLAR AZIMUTH: 293°
% RECOVERY :
LENGTH : 445'

PAGE : 1 of 3
LOGGED BY : Alan B. Taylor
DATE : Dec. 10, 1987
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	25.00		Mostly medium to coarse mafic diorite interspersed with minor amphibolite bands. Amphiboles in diorite up to 5mm and euhedral. Trace pyrite at 14°.										
25.00	50.00		Amphibolitic schist with various epidote rich and intrusive bands. Foliation 35°.										
50.00	65.00		Meta-diorite foliation sub-parallel to core axis, minor epidote veining. Trace pyrite.										
65.00	70.20		Dark black meta-basalt containing visible specks of pyrrhotite. Foliation 30°.										
70.70	129.90		Amphibolite schist and meta-diorite.										
			99.20 - quartz vein 3cm at 25° with 1% pyrrhotite.										
			122.00-122.90 - very schistose and broken up, trace pyrite.										
127.90	130.30		Interbanded white coarse diorite and black amphibolite.										
			122.70-126.00 - pyrrhotite in coarse felsic (2%).										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
130.30	175.20		Mafic massive diorite.										
			168.00-170.00 - diorite is sheared by a 5mm quartz-carbonate vein sub-										
			parallel to core, 1% pyrite.										
175.20	183.20		Black basalt dike with few calcite filled amygdules (3mm) sharp chilled										
			upper and lower contact at 40°.										
183.20	285.00		Mafic massive diorite, local epidote veinlets 256.00-285.00.										
			187.50-187.70 - silicified diorite grained 5mm - chlorite-carbonate										
			vein.										
			188.80-189.20 - silicified diorites around a 1cm chlorite-quartz vein										
			with 1% pyrite.										
			Loose powdery calcite along fracture planes at 35° at 198.00-198.40 (x3),										
			199.10, 206.60-206.80, 215.50-215.70, 220.90-221.00, 230.70.										
			251.20-252.40 - porphyritic andesite dike, contacts 80°, mafics up to 5mm.										
			Carbonate-quartz-pyrite veins/fractures less than 2mm at 270.70 - 30°,										
			272.40 at 30°, 277.10 at 50°, 278.00 at 30°.										
			281.40-283.00 - silicified buff brown diorite with 1% disseminated pyrite,										
			1cm quartz-chlorite vein at 30° with 3% pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
285.00	304.40		Black banded amphibolite at 35°. Variable quartz-carbonate interbanding and local epidote veining.										
			289.00-289.30 - quartz vein at 35° with 2% pyrite.										
304.40	318.70		Coarse massive diorite with local epidote bands.										
317.00	346.00		Fault zone in amphibolites.										
			318.00-323.00 - 10% recovery, core badly broken.										
			327.00-338.00 - only 3' core recovered, core thoroughly altered to clay and entirely broken.										
			343.00-346.00 - good recovery but core is moderately broken, foliation 30°.										
346.00	445.00		Black to grey amphibolite schists and meta-diorite 30°.										
			377.00-393.00 - grey meta-diorite, trace pyrite.										
			390.60-391.50 - sand seam, light grey granular diorite.										
			441.00-442.00 - core broken, trace pyrite.										
			445.00 - end of hole.										



CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

PI-87-11,12 DDH SECTION

SCALE: 1:1000	GEOLOGIST: A. TAYLOR
DATE: FEBRUARY, 1988	DRAWN BY: J. CORKUM

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-13
COMMENCED: December 7, 1987
COMPLETED: December 10, 1987
OBJECTIVE: Edye Shear
Sperry-Sun Surveys: at 200'=328°/-47°, 400'=324°/-48°, 767'=326°/-47°.

LOCATION : 4743E 19425N
ELEV. : 280 ft ASL (approx.)
CORE SIZE: BQ

COLLAR DIP : -45°
COLLAR AZIMUTH: 320°
% RECOVERY : 98%
LENGTH : 767'

PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
DATE : Dec. 11, 1987
CORE STORED : On property

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	10.00		Casing.										
10.00	15.00		No core.										
15.00	41.50		Dark grey-black amphibolite schists interspersed with foliated fine to coarse diorite at 35°. Core moderately broken up.										
41.50	60.00		Massive medium grain diorite with approximately 30% mafics up to 5mm length, contacts appear layered at 20°.										
60.00	172.50		Dark grey to black amphibolite interlayered with meta-diorite (foliated 40°). Intrusive epidote and quartz veinlets occasionally, generally sub-parallel to foliation.										
			74.00-75.00 - grey amphibolite containing 2% pyrrhotite following 3mm quartz vein at 20°.										
			94.00 - rhodochrosite? in epidote vein.										
			111.70-113.00 - white bull quartz vein at 30°.										
			152.50-160.00 - dark black amphibolite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
172.50	177.50		Hybrid diorite varying from fine dark grey to medium grain falsic diorite										
			at 177.00-177.50. Slight foliation at 30°.										
177.50	354.80		Medium to coarse grained hornblende diorite. Generally massive with										
			local andesite xenoliths and multiple <3mm epidote veins at 30°.										
			Narrow quartz veins +/- carbonate +/- silicified wall rock +/- epidote at										
			188.60 - 4mm at 30° (2% pyrite), 190.00 - 3mm at 20° (2% pyrite), 199.40 -										
			1cm at 35° (1% pyrite), plus 5cm silicified rock, 200.20 - 5mm at 30°,										
			201.30 - 4mm at 25° (1% pyrite), 204.00 - 2cm at 35° (2% pyrite), 255.00										
			- 1cm at 20°, 259.60 - 1cm at 40°, 260.30 - 5mm at 20°, 270.00-270.40 at										
			40°, 272.00 - 4mm at 35°.										
			Epidote rich bands at 226.00-226.50, 232.50-233.50, 237.00-241.00, 259.00-										
			259.40, 276.00-276.40.										
			275.00-286.00 - fine grained diorite.										
			294.80-295.00 - quartz with 15% pyrite vein at 30°.										
			308.40-308.80 - quartz vein 30°.										
			310.60-310.80 - quartz-chlorite vein, trace pyrite in wall rock 50°.										
			328.00-336.00 - fine grained epidote flooded diorite.										
			350.50-354.80 - fine grained silicic diorite, trace pyrite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
354.80	363.80		Black basalt dike, 3mm calcite filled amygdules. Contacts at 45°.										
363.80	366.00		Carbonate-chlorite band, quartz veinlets in altered diorite, 1% pyrite.										
366.00	532.00		Variable medium to fine grained diorite phase generally grey green to bleached appearance and quartz-carbonate veinlets <2mm locally at irregular angles. More mafic towards bottom.										
			367.90-368.10 - quartz vein with 2% pyrite at 40°.										
			398.50-400.0s0 - quartz-carbonate (white) vein with heavy pyrite 399.20-399.80. Central to carbonate alteration zone in diorite.										
			400.00-403.00 - crumbly carbonate altered diorite with trace pyrite.										
			Mafic black diorite - 466.00-468.00, 479.00-482.00 (probable xenoliths).										
			Epidote rich sections 455.60-456.50, 463.00-466.20, 474.80-476.00.										
			495.80-502.00 - altered silicic diorite.										
			496.00-497.40 - loose fault gouge extremely crumbly but held together by clay matrix 30°.										
			497.80-499.20 - quartz vein 35° with 3% pyrite.										
			522.00-522.70 - 2 x 5cm quartz veins carrying blotchy pyrite (overall 3%), contacts at 60°.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			523.70-524.20 - quartz-pyrite (banded) vein at 60°.										
532.00	767.00		Dark grey to black mafic diorite, medium to coarse grain, massive.										
			Multiple epidote veinlets and local quartz-carbonate veinlets <2cm.										
			576.20-578.00 - coarse feldspathic diorite.										
			Major epidote rich zones 586.00-587.50, 594.00-596.00, 615.00-616.00, 656.20-658.00, 665.00-668.00, 684.00-685.00, 690.50-691.50.										
			625.00-626.00 - silicified diorite with 1% pyrite.										
			645.20 - 3cm carbonate vein at 30°.										
			675.00-675.20 - coarse calcite vein at 50°.										
			735.00-752.00 - medium to fine silicic diorite with coarse carbonate-chloritic veins at 745.00, 745.90, 747.00, 748.20 (pink), trace pyrite.										
			767.00 - end of hole.										

DRILL RECORD

CATHEDRAL GOLD CORPORATION

PROPERTY : Porcher Island
HOLE NO. : PI-87-14
COMMENCED: December 10, 1987
COMPLETED: December 12, 1987
LOCATION : 4743E 19425N
ELEV. : 280 ft ASL (approx.)
CORE SIZE: BQ
COLLAR DIP : -60°
COLLAR AZIMUTH: 320°
% RECOVERY : 95%
LENGTH : 684'
PAGE : 1 of 4
LOGGED BY : Alan B. Taylor
DATE : Dec. 13, 1987
CORE STORED : On property
UNUSUAL FEAT : Lost circulation on EOH and abandoned.

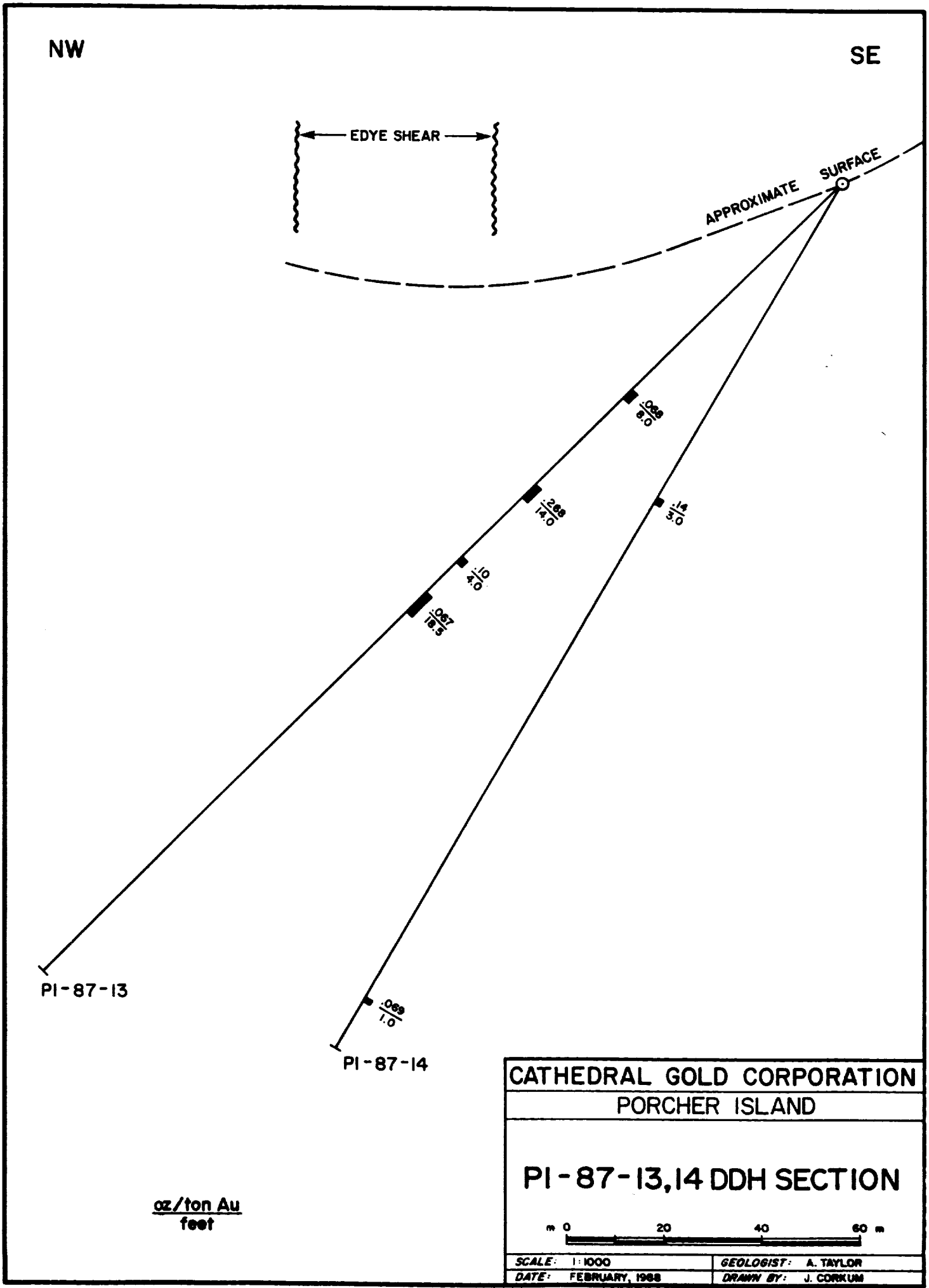
Sperry-Sun Surveys: at 200'=338° Az/-60°, at 400'=329° Az/-60°, 684'=320°/-59°.

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
0.00	8.00		Casing.										
8.00	15.00		No core.										
15.00	24.00		Dark black amphibolites cut by meta-diorite intrusives. Foliated at 30°.										
24.00	59.00		Massive medium green mafic diorite. Slight fining of crystal size and stronger foliation towards contacts at 40°.										
			34.00-35.00 - green amphibolite band 30°.										
59.00	222.00		Dark black amphibolite alteration with meta-diorite and all cut by epidote veinlets. Foliation 30°.										
			Black amphibolite, local flecks of pyrrhotite 59.00-65.00, 79.70-81.00, 98.30-98.90, 121.00-143.00, 161.00-164.70, 207.00-208.50, 209.20-209.90, 211.50-215.00, 217.60-222.00 all at 30°, trace pyrite.										
			102.00-107.00 - quartz vein with various amphibolite fragments and pink carbonate (rhodochrosite).										
			107.00-108.00 - amphibolite with 2% pyrrhotite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			107.00-108.00 - foliated with 2% pyrrhotite.										
			109.00-112.00 - foliated contorted intrusive which carries 1% pyrrhotite in small clots.										
			143.00-156.50 - meta-diorite, slightly silicified and contains trace pyrite-pyrrhotitic.										
			172.00-175.00 - core moderately broken up and has a light clay alteration.										
222.00	335.20		Massive to semi-massive mafic diorite cut by multiple epidote veinlets and locally contains andesitic xenoliths.										
			240.00-241.90, 242.40-247.00 - dark green fine grained andesitic xenolith (dike?), foliated at 30°.										
			249.00-255.00 - badly broken up and sheared diorite partly silicified and some clay alteration along with carbonate-chlorite veins with trace pyrite.										
			278.30-278.70 - white aplitic vein at 80°.										
			289.00-298.20 - fine grained dark green andesitic dike (xenolith?) with a number of diorite inclusions. Contacts 25°.										
335.20	528.50		Amphibolite schists and meta-diorite. Approximately 70% intrusive, 30% amphibolite.										

From Feet	To Feet	Syb	Description	Smp. No.	From Feet	To Feet	Lgth.	Rec.	Analysis Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			337.00-343.00 - white quartz vein with local rhodochrosite patches and amphibolitic inclusions, fractured at 30°. Appears barren.										
			Dark grey to black amphibolite at 361.00-367.00, 373.00-374.00, 401.00-402.50, 406.70-409.00, 424.30-431.00.										
			370.00 - pink blotches of rhodochrosite.										
			378.00-379.30 - broken core with 2cm (x3) quartz veins at 30° with trace pyrite.										
			380.60-381.60 - 1cm quartz vein parallel to core axis.										
			397.00-400.00 - white feldspathic vein at 15° showing perthitic textures with minor specks of pyrite.										
			437.00-495.00 - core is moderately to extremely broken up and blocky.										
			466.80-473.20 - black basalt dike with 2mm calcite amygdules and contacts at 30° with trace pyrite in carbonate on upper contact.										
528.50	684.00		Massive mafic diorite.										
			529.00-531.00 - buff brown silicified diorite with chloritic patches and 1% disseminated pyrite. Chlorite and quartz banded at 40°.										
			529.50-529.80 - white quartz vein 35° with 2% pyrite.										

From	To	Syb	Description	Smp. No.	From	To	Lgth.	Rec.	Analysis				
Feet					Feet				Au ppb	Ag ppm	Cu ppm	Zn ppm	Au oz/tn
			531.00-537.00 - fine grained diorite (altered), trace pyrite.										
			Narrow quartz veins +/- carbonate +/- epidote at 551.60 - 2cm at 30°, 556.00 - 4mm at 30°, 561.50 - 8mm at 40°, 562.60-562.80 at 25°, 576.50 - 4mm at 40°, 578.50 - 8mm at 25°, 580.80 - 1cm at 45°, 582.00 - 4 (bleb), 582.80 - 3mm at 40°, 583.50 - 1cm at 35°, 584.00 - 1cm at 40°, 584.40 - 1cm at 35°, 656.50 - 6mm at 30°, 684.70 - 1cm at 30°.										
			596.00-624.00 - medium grained massive mafic diorite.										
			Epidote rich diorite 590.00-594.00.										
			643.50 - 5mm pyrite vein at 40°.										
			643.50 - 5mm pyrite vein at 40°.										
			653.50-654.00 - core badly broken (fault) and mild clay alteration.										
			656.00-656.50 - coarse carbonate and rhodochrosite.										
			662.80-664.50 - broken clay altered fault zone.										
			664.00-665.00 - buff silicified diorite.										
			684.00 - end of hole - had to abandon hole due to major fault creating loss of circulation.										


NW
SE
EDYE SHEAR
APPROXIMATE SURFACE
.088 / 6.0
.268 / 14.0
.10 / 4.0
.067 / 18.5
.14 / 3.0
.069 / 1.0
PI-87-13
PI-87-14
oz/ton Au
feet
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND
PI-87-13,14 DDH SECTION
m 0 20 40 60 m
SCALE: 1:1000
DATE: FEBRUARY, 1988
GEOLOGIST: A. TAYLOR
DRAWN BY: J. CORKUM

APPENDIX III

ANALYSIS AND ANALYTICAL TECHNIQUES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-4 CORE P5-ROCK AU$$ BY FIRE ASSAY FROM 1/2 A.T.

DATE RECEIVED: DEC 1 1987 DATE REPORT MAILED: Dec 7/87 ASSAYER.. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT-4544 File # 87-5966 Page 1

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	SR 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	AU** OZ/T
E 57001	1	11	4	44	.1	6	7	522	2.42	2	5	ND	2	98	1	2	2	39	1.11	.081	9	13	.77	90	.11	10	1.32	.10	.14	2	1	-
E 57002	1	33	2	63	.1	8	7	1570	3.43	4	5	ND	1	131	1	2	2	34	4.40	.081	8	15	1.49	66	.04	2	1.92	.03	.13	1	24	-
E 57003	35	1	2	63	.1	7	2	3136	2.54	5	5	ND	1	277	1	2	2	22	8.47	.023	2	8	1.27	195	.01	2	2.12	.03	.36	1	75	-
E 57004	27	9	11	53	16.4	14	113	3548	15.24	7	6	35	1	351	1	2	8	19	8.24	.010	2	2	.88	36	.01	2	1.04	.01	.10	1	36050	1.024
E 57005	13	29	8	88	.1	8	8	2691	3.72	3	5	ND	1	232	1	2	2	43	6.79	.067	7	18	1.63	60	.02	2	2.06	.04	.11	1	112	-
E 57006	1	13	4	58	.1	4	9	863	2.92	4	5	ND	1	180	1	2	2	43	1.85	.072	6	12	1.06	131	.09	5	1.58	.08	.24	1	151	-
E 57007	1	13	2	64	.1	7	9	1108	3.18	2	5	ND	1	137	1	2	2	35	3.47	.072	5	11	1.13	59	.03	2	1.52	.03	.14	1	41	-
E 57008	7	16	2	48	.5	4	5	1325	2.48	3	5	ND	1	133	1	2	2	18	4.22	.075	4	7	.82	68	.01	2	1.20	.03	.14	1	720	-
E 57009	1	19	2	57	.1	4	8	1167	3.30	4	5	ND	1	112	1	2	2	41	3.41	.076	5	6	1.08	64	.07	2	1.49	.06	.13	1	1	-
E 57010	1	69	2	68	.2	4	9	996	3.54	2	5	ND	2	104	1	2	2	52	2.45	.075	7	9	1.21	138	.10	2	1.65	.06	.29	1	5	-
E 57011	1	18	2	61	.2	5	9	1024	3.30	6	5	ND	1	182	1	2	2	32	3.20	.075	5	8	1.17	58	.05	4	1.66	.04	.10	1	44	-
E 57012	1	15	6	68	.1	8	10	1040	3.58	2	5	ND	1	285	1	2	2	42	3.60	.075	5	11	1.30	72	.08	2	2.34	.09	.12	1	107	-
E 57013	1	28	3	54	.2	2	9	866	3.10	2	5	ND	1	92	1	2	2	44	2.20	.075	4	7	.91	122	.10	2	1.43	.07	.30	1	165	-
E 57014	1	13	2	64	.3	5	11	919	3.43	2	5	ND	1	107	1	2	2	45	2.08	.074	6	8	1.14	95	.10	2	1.61	.06	.21	1	615	-
E 57015	1	6	7	55	.1	3	9	667	3.05	2	5	ND	1	84	1	2	2	48	1.28	.072	5	6	.91	170	.12	2	1.44	.10	.34	1	9	-
E 57016	1	8	5	69	.1	5	11	1027	3.85	2	5	ND	1	107	1	2	2	48	2.54	.077	7	8	1.36	28	.07	2	1.86	.05	.07	1	15	-
E 57017	1	45	9	81	.1	58	28	1321	6.15	72	5	ND	1	175	1	2	2	107	6.36	.101	20	55	1.04	39	.11	4	3.79	.35	.10	1	230	-
E 57018	1	9	4	5	30.1	2	11	335	6.53	4	5	43	1	30	1	2	2	3	1.09	.041	4	3	.06	48	.01	2	.26	.01	.14	2	42710	1.246
E 57019	1	6	2	37	.1	2	2	1417	1.90	7	5	ND	1	77	1	2	2	14	3.83	.115	9	5	.89	90	.01	2	1.24	.02	.19	1	98	-
E 57020	1	40	2	65	.3	5	9	1265	3.26	3	5	ND	1	100	1	2	2	28	4.05	.076	6	10	1.20	48	.01	2	1.61	.02	.12	1	340	-
E 57021	1	33	4	66	.2	7	9	925	3.11	2	5	ND	1	88	1	2	2	45	2.12	.079	5	12	1.07	111	.09	2	1.54	.07	.21	1	45	-
E 57022	1	103	4	67	.3	5	10	1550	3.14	2	5	ND	1	94	1	2	2	36	3.21	.075	9	10	1.20	70	.08	2	1.56	.05	.14	1	245	-
E 57023	1	81	6	77	.1	6	8	1979	3.28	8	5	ND	1	119	1	2	2	37	3.99	.073	4	10	1.40	56	.07	2	1.72	.04	.12	1	127	-
E 57024	1	23	5	82	.1	5	12	1250	3.48	2	5	ND	2	121	1	2	2	41	2.85	.081	4	11	1.51	94	.09	6	1.96	.04	.19	1	47	-
E 57025	4	14	2	63	.9	3	10	947	3.29	2	5	2	1	105	1	3	6	43	2.84	.072	4	10	1.15	77	.07	2	1.55	.05	.17	1	690	-
E 57026	1	8	2	44	.1	1	4	799	1.79	2	5	ND	1	104	1	2	2	18	1.78	.059	9	4	.46	164	.06	2	.94	.05	.32	2	122	-
E 57027	1	17	2	39	.1	1	4	788	1.73	2	5	ND	2	68	1	2	2	13	1.90	.062	11	3	.43	102	.02	3	.84	.04	.18	2	24	-
E 57028	1	18	2	52	.1	2	6	1008	2.39	2	5	ND	1	91	1	2	2	16	2.50	.075	12	3	.61	82	.02	2	1.09	.04	.17	1	8	-
E 57029	1	31	2	62	.1	2	6	967	2.65	3	5	ND	1	98	1	2	6	21	2.18	.080	12	2	.74	53	.02	5	1.38	.05	.09	1	1	-
E 57030	1	59	2	46	.1	2	5	1259	2.77	3	5	ND	1	97	1	2	4	17	3.50	.093	13	5	.74	68	.01	2	1.39	.04	.13	1	12	-
E 57031	1	25	2	57	.1	2	7	1403	2.84	2	5	ND	1	99	1	2	5	23	3.76	.071	7	4	.97	70	.02	3	1.48	.04	.13	1	17	-
E 57032	1	17	2	66	.6	4	8	1422	3.13	3	5	ND	1	137	1	2	2	30	3.96	.072	5	5	.97	66	.03	2	1.41	.04	.14	1	570	-
E 57033	1	17	2	45	.1	1	4	809	1.56	2	5	ND	1	89	1	2	3	11	2.16	.056	8	1	.41	71	.03	2	.82	.04	.13	2	70	-
E 57034	1	36	2	41	.3	1	4	755	1.65	2	5	ND	2	72	1	2	5	10	1.93	.058	9	4	.40	77	.02	2	.79	.04	.14	1	210	-
E 57035	25	38	3	36	.9	2	5	860	1.77	4	5	2	3	80	1	8	7	9	2.66	.058	10	2	.36	68	.01	2	.77	.04	.15	1	1140	.035
E 57036	1	27	2	41	.3	2	7	828	1.62	2	5	ND	2	86	1	2	7	11	2.23	.056	8	2	.38	116	.02	6	.76	.03	.19	5	59	-
STD C/AU-R	19	58	41	132	7.4	68	29	1046	4.00	43	22	8	39	51	18	17	22	58	.45	.086	39	61	.85	178	.06	32	1.90	.06	.13	12	505	-

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	SR 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	AU** OZ/T
E 57037	8	20	4	31	12.2	3	5	602	2.72	2	5	18	1	60	1	2	2	10	1.65	.056	8	2	.31	102	.02	3	.87	.06	.21	1	18510	.527
E 57038	1	22	2	62	.1	5	9	852	3.41	2	5	ND	1	104	1	2	2	50	1.80	.074	5	5	1.18	184	.12	3	1.71	.09	.40	1	36	-
E 57039	1	47	4	28	.1	15	20	559	6.36	3	5	ND	1	39	1	2	2	18	1.39	.030	2	3	.51	54	.05	2	.74	.04	.23	1	470	-
E 57040	1	45	3	50	.1	4	14	646	4.10	2	5	ND	1	81	1	2	2	47	.99	.076	4	5	.83	130	.14	3	1.45	.14	.59	1	70	-
E 57041	15	25	4	58	.1	4	10	922	3.62	4	5	ND	1	212	1	2	2	41	3.82	.066	5	6	.93	68	.10	2	1.99	.05	.14	1	330	-
E 57042	1	49	8	44	14.3	5	9	840	2.83	2	5	18	1	68	1	2	3	27	2.45	.053	5	6	.78	40	.02	2	1.12	.04	.10	2	19870	.546
E 57043	1	60	3	41	.1	3	8	1038	2.70	2	5	ND	1	107	1	2	2	22	3.46	.093	5	2	.73	55	.01	3	1.15	.05	.14	1	290	-
E 57044	8	44	10	50	42.1	9	22	1040	5.39	8	5	43	2	105	1	2	14	32	2.79	.070	7	7	.80	72	.08	2	1.19	.06	.24	1	44140	1.220
E 57045	1	76	13	77	.5	6	8	1256	3.04	2	5	ND	1	86	1	2	2	32	3.85	.082	6	9	1.05	65	.07	2	1.37	.04	.17	1	875	-
E 57046	1	14	2	47	.1	7	9	631	2.82	2	5	ND	1	85	1	2	4	52	1.07	.081	5	11	.88	227	.12	2	1.35	.10	.37	1	450	-
E 57047	1	71	2	71	.1	8	12	1263	3.55	4	5	ND	2	167	1	2	2	45	4.17	.078	7	12	1.31	52	.01	2	1.98	.03	.12	1	43	-
E 57048	2	5	4	2	1.2	2	1	230	.49	2	5	3	1	24	1	2	2	1	.80	.007	2	6	.05	20	.01	4	.12	.01	.04	1	3385	.110
E 57049	1	42	2	10	.1	1	2	496	1.02	2	5	ND	2	21	1	2	2	3	2.09	.046	13	2	.20	57	.01	3	.44	.03	.11	1	335	-
E 57050	2	174	2	10	.1	1	1	329	.86	2	5	4	1	15	1	3	3	3	1.32	.035	10	2	.17	39	.01	2	.36	.02	.08	1	4450	.134
E 57051	1	18	6	32	.1	13	8	1035	2.37	14	5	ND	2	111	1	2	2	24	4.34	.053	10	11	.66	58	.03	5	1.22	.11	.12	1	51	-
E 57052	1	47	5	81	.1	53	26	916	5.55	11	5	ND	3	264	1	2	3	102	4.72	.113	20	52	1.82	31	.19	2	3.40	.54	.05	1	36	-
E 57053	1	15	2	37	.1	6	5	761	2.05	4	5	ND	1	78	1	2	2	20	2.60	.061	8	6	.51	62	.03	2	.92	.07	.12	2	9	-
E 57054	1	14	6	50	.1	6	6	678	2.08	2	5	ND	1	68	1	2	2	25	1.21	.058	8	7	.60	179	.09	4	1.09	.09	.41	1	14	-
E 57055	1	37	2	33	.1	1	3	1073	1.41	3	5	ND	3	83	1	2	2	9	2.78	.056	9	3	.42	50	.01	5	.73	.04	.11	2	66	-
E 57056	1	53	2	22	2.3	1	2	982	1.62	2	5	3	1	88	1	2	2	5	3.01	.059	12	3	.31	64	.01	2	.54	.04	.12	1	2890	.089
E 57057	1	33	2	35	.1	3	3	752	1.58	2	5	ND	2	88	1	2	2	11	1.90	.060	9	4	.42	90	.01	3	.80	.04	.15	2	430	-
E 57058	1	73	5	33	.4	20	7	1101	1.85	3	5	ND	3	83	1	2	2	18	3.69	.061	11	10	.43	41	.01	2	1.11	.07	.09	1	395	-
E 57059	1	575	2	31	.9	3	4	639	1.64	2	5	ND	3	54	1	2	2	6	1.88	.053	11	4	.37	44	.01	2	.62	.03	.09	2	720	-
E 57060	74	8	2	16	.3	2	1	1225	1.00	2	5	ND	3	98	1	3	2	4	4.83	.056	15	2	.26	68	.01	3	.49	.02	.13	1	650	-
E 57061	136	31	2	24	2.4	1	2	1324	.95	2	5	3	3	100	1	2	2	6	3.94	.062	13	3	.28	42	.01	3	.51	.03	.09	2	2190	.078
E 57062	9	59	5	31	.1	1	2	974	1.27	2	5	ND	3	57	1	2	2	8	2.69	.064	15	3	.39	41	.01	2	.66	.03	.09	1	405	-
E 57063	1	15	3	26	.1	1	2	710	1.11	2	5	ND	2	56	1	2	2	8	1.78	.067	13	3	.31	63	.01	6	.56	.03	.11	2	134	-
E 57064	1	16	2	16	.1	1	2	848	1.05	2	5	ND	2	71	1	2	2	5	2.63	.064	12	2	.22	51	.01	2	.45	.03	.11	1	340	-
E 57065	3	36	8	44	.2	1	1	1602	1.50	2	5	ND	3	113	1	2	2	8	3.68	.059	11	3	.71	42	.01	2	.82	.03	.10	2	215	-
E 57066	3	7	2	17	.2	1	1	1898	.86	2	5	ND	4	163	1	2	2	4	5.32	.068	9	1	.30	40	.01	5	.43	.03	.09	2	260	-
E 57067	1	6	7	36	1.1	1	2	1397	1.47	2	5	ND	2	115	1	2	2	7	3.78	.059	6	1	.50	56	.01	3	.72	.03	.11	1	1610	.048
E 57068	1	26	3	33	.1	2	4	780	1.45	2	5	ND	3	84	1	2	2	7	2.44	.059	8	3	.34	57	.01	2	.62	.03	.14	2	56	-
E 57069	3	6	4	28	.8	1	2	2697	1.41	2	5	ND	2	289	1	2	2	7	8.37	.037	6	2	.46	64	.01	2	.66	.01	.13	2	1120	.033
E 57070	1	53	3	34	.3	1	5	772	1.53	2	5	ND	2	83	1	3	2	8	2.32	.056	7	2	.36	50	.01	2	.61	.03	.10	1	640	-
E 57071	2	17	2	40	.1	1	5	729	1.57	2	5	ND	2	71	1	2	2	11	1.77	.058	7	4	.41	49	.02	5	.73	.03	.09	2	43	-
E 57072	2	25	5	39	.1	1	4	827	1.67	2	5	ND	1	87	1	2	2	11	2.19	.058	7	3	.41	64	.02	2	.80	.05	.12	2	70	-
STD C/AU-R	19	60	36	132	7.0	68	30	1066	4.02	45	20	8	39	52	18	18	18	59	.44	.087	39	60	.85	178	.06	35	1.89	.06	.13	12	515	-

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	SR 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	AU** OZ/T
E 57073	1	26	6	36	.1	3	3	1172	1.76	3	5	ND	3	100	1	2	2	9	2.82	.051	8	3	.47	64	.01	2	.86	.05	.12	1	610	-
E 57074	1	46	4	35	.1	2	3	853	1.68	2	5	ND	1	83	1	2	2	9	2.26	.055	9	2	.45	62	.01	2	.82	.05	.11	1	108	-
E 57075	1	100	2	36	.1	2	3	1173	1.72	5	5	ND	2	132	1	2	2	8	3.52	.052	8	3	.47	53	.01	4	.82	.03	.11	1	113	-
E 57076	6	87	8	23	.1	2	2	738	1.56	2	5	ND	3	79	1	2	3	6	2.09	.060	9	2	.35	72	.01	2	.68	.05	.13	1	565	-
E 57077	31	75	2	29	.1	2	3	870	1.74	3	5	ND	2	72	1	2	2	8	2.02	.053	8	3	.52	64	.01	2	.84	.04	.13	1	470	-
E 57078	5	94	2	25	.1	1	3	750	1.42	2	5	ND	1	72	1	2	2	6	2.09	.055	8	2	.33	66	.01	6	.68	.04	.12	1	250	-
E 57079	1	20	2	40	.1	1	4	774	1.72	2	5	ND	1	86	1	2	2	10	1.72	.054	7	2	.46	72	.03	2	.83	.04	.11	1	59	-
E 57080	6	25	4	16	.3	1	3	1018	1.49	4	5	ND	3	135	1	2	2	5	2.99	.062	9	3	.32	59	.02	2	.59	.05	.12	6	490	-
E 57081	1	21	7	41	.1	3	4	886	1.72	2	5	ND	2	86	1	2	3	11	2.12	.051	6	1	.43	60	.02	2	.76	.04	.11	1	50	-
E 57082	1	167	5	42	.2	2	3	1055	2.31	4	5	ND	1	72	1	2	3	15	2.29	.061	6	2	.72	54	.02	6	1.08	.04	.09	1	725	-
E 57083	1	83	3	32	10.0	3	7	602	3.23	2	5	16	2	52	1	2	5	9	1.61	.055	7	3	.33	74	.01	3	.71	.04	.14	1	15350	.423
E 57084	1	127	8	11	10.2	4	107	299	11.03	2	5	39	2	18	1	2	16	3	.67	.018	2	1	.08	30	.01	3	.18	.02	.06	1	38015	1.068
E 57085	1	30	2	45	.1	1	5	914	2.02	2	5	ND	2	79	1	2	3	13	2.22	.060	8	2	.49	67	.02	5	.86	.03	.11	1	425	-
E 57086	1	33	3	45	.1	4	5	821	1.85	3	5	ND	3	72	1	2	2	13	1.67	.053	7	3	.49	85	.04	4	.84	.05	.12	1	275	-
E 57087	1	36	2	33	.6	1	4	714	1.72	2	5	ND	2	66	1	2	2	7	1.84	.045	10	2	.34	56	.01	2	.67	.04	.10	1	1480	.048
E 57088	6	24	14	5	23.1	3	16	603	7.54	5	5	49	2	58	1	2	10	1	2.51	.009	5	3	.03	25	.01	2	.10	.01	.05	1	49240	1.496
E 57089	1	10	2	22	.1	1	3	816	1.62	5	5	ND	2	67	1	2	2	5	2.49	.050	15	2	.29	67	.01	3	.65	.03	.13	1	540	-
E 57090	1	12	2	46	.2	3	4	594	1.64	2	5	ND	2	79	1	3	4	14	1.08	.059	7	2	.44	133	.05	2	.83	.04	.20	1	335	-
E 57091	12	45	2	43	.4	1	5	894	2.27	3	5	2	2	74	1	2	2	11	2.03	.058	7	1	.46	73	.02	2	.83	.05	.12	1	1420	.046
E 57092	15	49	4	34	.5	2	11	1648	2.56	4	5	2	1	158	1	2	2	10	4.07	.090	6	1	.44	69	.01	2	.73	.04	.12	1	1715	.056
E 57093	1	14	2	35	.1	2	4	818	1.71	2	5	ND	2	77	1	2	2	9	2.01	.057	7	2	.40	69	.02	3	.79	.05	.12	1	113	-
E 57094	1	13	3	41	.1	2	4	805	1.63	2	5	ND	1	78	1	2	2	9	2.05	.055	6	2	.46	56	.02	4	.85	.05	.10	1	67	-
E 57095	1	11	4	57	.1	1	4	1265	2.08	2	5	ND	1	133	1	2	2	12	2.86	.053	5	2	.69	51	.03	2	1.08	.04	.09	1	46	-
E 57096	1	16	5	43	.1	3	4	723	1.56	2	5	ND	2	80	1	2	2	9	1.76	.058	6	2	.45	64	.03	4	.86	.05	.11	1	81	-
E 57097	1	25	2	37	.3	2	4	816	1.72	2	5	ND	1	80	1	2	2	9	2.10	.056	7	3	.40	60	.01	4	.78	.04	.11	1	390	-
E 57098	1	21	6	35	.2	3	4	675	1.55	2	5	ND	2	63	1	2	2	9	1.61	.053	7	3	.38	49	.01	5	.70	.04	.10	1	415	-
E 57099	1	19	2	31	.1	3	3	784	1.54	2	5	ND	2	74	1	2	2	8	1.99	.050	7	2	.34	74	.01	2	.71	.05	.11	1	157	-
E 57100	1	65	6	34	.3	2	3	849	1.75	3	5	ND	2	81	1	3	2	8	2.29	.056	8	3	.42	60	.01	2	.76	.04	.12	1	245	-
E 57101	1	17	2	36	1.0	1	4	787	1.65	2	5	ND	2	73	1	2	2	10	1.92	.052	7	3	.38	59	.01	2	.71	.04	.11	1	1315	.041
E 57102	1	15	3	45	.7	2	5	707	1.88	2	5	ND	2	84	1	2	2	14	1.44	.055	8	4	.49	108	.06	2	.87	.06	.21	1	1020	.030
E 57103	5	13	2	35	.1	1	2	905	1.39	2	5	ND	1	104	1	2	2	7	2.45	.055	6	1	.37	72	.01	3	.72	.04	.12	1	53	-
E 57104	32	25	3	21	2.7	4	10	1444	2.95	5	5	6	3	203	1	2	2	7	4.13	.058	9	2	.42	59	.01	2	.70	.04	.11	1	5805	.157
E 57105	1	15	8	43	.1	2	4	721	1.62	2	5	ND	1	80	1	2	2	12	1.50	.054	7	3	.44	73	.03	2	.77	.03	.10	1	49	-
E 57106	1	8	2	44	.1	2	4	651	1.55	2	5	ND	1	78	1	2	2	11	1.44	.055	6	3	.42	73	.03	2	.75	.04	.12	1	320	-
E 57107	1	28	2	41	.5	2	5	748	1.71	2	5	ND	2	72	1	2	2	8	1.90	.055	7	2	.40	67	.02	2	.74	.03	.12	1	1115	.029
E 57108	1	15	2	47	.1	2	4	728	1.71	3	5	ND	2	71	1	2	2	11	1.64	.057	7	3	.47	56	.02	2	.85	.03	.08	2	156	-
STD C/AU-R	19	57	36	131	7.1	67	28	1066	3.99	43	19	7	37	49	18	16	19	55	.44	.082	37	59	.85	175	.06	32	1.86	.06	.13	12	510	-

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	SR 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	AU** OZ/T
E 57109	1	52	2	31	1.0	2	4	777	1.77	3	5	ND	3	92	1	2	2	9	2.27	.053	8	3	.41	56	.01	2	.79	.10	.12	1	1360	.043
E 57110	1	36	9	37	.1	1	4	816	1.86	3	5	ND	2	88	1	2	2	10	2.35	.059	9	4	.47	58	.01	2	.87	.09	.13	1	275	-
E 57111	1	50	2	46	.9	2	6	653	1.94	4	5	6	4	77	1	2	2	16	1.24	.070	8	2	.55	92	.05	2	.88	.07	.18	1	1620	.052
E 57112	1	11	2	35	.1	1	4	764	1.78	2	5	ND	2	80	1	2	2	10	2.15	.059	7	2	.41	58	.02	2	.76	.08	.12	1	73	-
E 57113	1	12	2	32	.1	2	3	913	1.55	2	5	ND	2	86	1	2	2	9	2.58	.055	7	2	.38	48	.01	2	.62	.04	.11	2	120	-
E 57114	1	42	2	38	.1	3	4	743	1.81	2	5	ND	3	72	1	2	2	12	2.01	.058	8	2	.46	42	.01	2	.69	.04	.09	3	645	-
E 57115	1	21	4	29	.3	1	3	631	1.44	4	5	ND	3	72	1	2	2	8	2.16	.048	8	4	.33	42	.01	2	.66	.05	.10	1	370	-
E 57116	1	45	8	31	.2	2	3	771	1.71	2	5	ND	3	80	1	2	2	9	2.41	.067	10	4	.40	69	.01	2	.81	.08	.15	1	475	-
E 57117	55	21	8	2	38.7	4	35	156	7.43	2	5	55	1	10	1	2	12	1	.36	.001	2	3	.01	13	.01	5	.03	.01	.03	1	48390	1.518
E 57118	2	20	2	40	.1	2	4	705	1.76	2	5	ND	1	92	1	2	2	11	2.06	.055	8	3	.46	51	.01	2	.84	.05	.10	1	350	-
E 57119	1	28	4	45	.4	2	5	777	1.87	2	5	ND	3	147	1	2	2	12	2.18	.062	9	3	.50	68	.02	3	.93	.06	.11	1	670	-
E 57120	1	16	3	41	.3	2	6	688	2.16	2	5	ND	2	86	1	2	2	10	1.95	.058	7	3	.46	57	.03	2	.81	.06	.11	1	1120	.033
E 57121	1	21	7	43	.1	2	4	700	1.73	3	5	ND	1	105	1	2	2	11	1.86	.060	8	2	.49	57	.03	3	.87	.06	.08	2	335	-
E 57122	1	28	2	38	.2	2	4	653	1.71	2	5	ND	4	79	1	2	2	10	1.79	.060	9	4	.44	53	.02	2	.80	.06	.11	1	310	-
E 57123	25	76	6	11	27.2	3	153	446	13.81	3	5	77	5	31	1	2	22	4	1.16	.026	5	1	.08	40	.01	2	.30	.05	.15	1	71060	2.259
E 57124	1	60	2	41	.3	2	4	694	1.97	3	5	ND	3	63	1	2	2	14	1.82	.062	8	3	.49	86	.03	2	.81	.04	.16	2	430	-
E 57125	1	94	9	47	.1	2	4	800	1.99	3	5	ND	4	91	1	2	2	13	2.15	.066	8	2	.54	60	.02	2	.95	.07	.11	1	151	-
E 57126	1	107	2	37	.4	1	8	983	2.01	3	5	2	3	122	1	2	2	9	3.31	.054	9	2	.44	52	.01	2	.81	.06	.11	1	1235	.037
E 57127	19	65	11	10	45.0	7	76	2176	16.74	5	12	89	1	294	1	2	36	2	6.36	.008	3	1	.10	13	.01	3	.08	.01	.04	1	92540	2.669
E 57128	1	71	5	36	.1	1	3	1428	1.59	5	5	ND	1	217	1	2	3	7	5.12	.069	11	3	.53	33	.01	2	.68	.05	.08	1	260	-
E 57129	1	20	3	45	.4	2	5	786	1.90	3	5	ND	1	98	1	2	5	14	2.02	.061	6	3	.52	68	.03	3	.74	.04	.13	1	1265	.043
E 57130	1	14	2	41	.1	2	4	625	1.71	2	5	ND	1	77	1	2	2	14	1.32	.056	6	4	.47	103	.04	2	.73	.05	.19	1	25	-
E 57131	3	23	2	7	1.7	3	12	278	3.61	2	5	5	1	21	1	2	2	1	.67	.017	3	2	.09	25	.01	2	.20	.03	.05	1	6260	.210
E 57132	3	16	2	34	.7	1	6	648	2.01	4	5	2	1	72	1	2	2	10	1.70	.053	5	2	.39	65	.03	2	.69	.07	.12	1	2415	.081
E 57133	1	109	2	31	.1	1	4	870	1.71	4	5	ND	1	99	1	2	2	9	2.67	.058	6	2	.36	60	.01	2	.62	.05	.12	1	119	-
E 57134	1	8	3	16	.2	1	2	1167	1.06	2	5	ND	1	154	1	2	2	3	3.89	.023	5	2	.21	37	.01	2	.32	.02	.08	1	850	-
E 57135	1	25	3	42	.1	1	3	739	1.90	2	5	ND	2	82	1	3	2	13	1.89	.060	7	3	.47	74	.04	2	.78	.07	.14	1	185	-
E 57136	1	11	2	35	.1	1	3	869	1.68	6	5	ND	2	88	1	2	2	8	2.64	.060	12	2	.37	55	.01	2	.65	.04	.13	1	118	-
STD C/AU-R	19	61	42	130	7.4	72	29	1065	4.24	41	16	8	39	52	19	16	20	59	.47	.090	40	61	.91	177	.06	37	1.81	.06	.15	14	490	-

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	SR 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	AU** OZ/T
TE-87-190R	24	39	2	4	.1	1	2	64	1.40	2	5	ND	1	11	1	2	2	3	.05	.002	2	1	.05	5	.01	2	.10	.01	.01	1	30	-
TE-87-191R	1	33	2	69	.1	4	7	808	3.83	2	5	ND	2	99	1	2	2	43	.71	.090	9	5	1.03	36	.11	4	1.65	.06	.04	1	9	-
TE-87-192R	47	15	2	8	.1	4	167	131	15.40	2	5	ND	1	3	1	2	2	1	.01	.001	2	1	.02	3	.01	2	.01	.01	.01	2	76	-
DAWSON A-2B	3	14	8	12	2.4	3	70	124	9.83	2	5	26	2	2	1	4	31	1	.15	.001	2	1	.01	7	.01	2	.01	.01	.01	1	28300	.889

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

DATE RECEIVED: DEC 2 1987 DATE REPORT MAILED: Dec 10/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

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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	SR 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	AU** OZ/T
E 57137	1	15	2	34	.1	3	3	960	1.36	23	5	ND	2	93	1	2	2	9	2.60	.050	6	2	.43	66	.02	2	.65	.04	.15	1	170	-
E 57138	1	5	4	36	.1	2	4	834	1.61	3	5	ND	2	92	1	2	2	9	2.46	.047	7	2	.38	73	.02	3	.70	.04	.16	1	1	-
E 57139	1	17	3	25	.2	1	3	791	1.50	2	5	ND	2	84	1	2	2	6	2.31	.050	7	2	.33	70	.01	3	.61	.03	.16	1	200	-
E 57140	1	14	10	8	30.7	7	36	342	10.18	4	5	56	2	18	1	2	19	2	1.37	.009	4	1	.06	22	.01	2	.22	.02	.06	1	51700	1.580
E 57141	1	8	2	37	.1	1	3	764	1.57	3	5	ND	1	83	1	2	2	8	2.39	.046	6	2	.36	64	.01	2	.67	.03	.14	1	149	-
E 57142	1	7	5	45	2.1	3	6	641	2.07	3	5	5	2	65	1	2	2	13	1.54	.048	7	2	.47	85	.04	2	.77	.03	.14	1	5180	.147
E 57143	1	8	5	44	.1	1	5	653	1.73	3	5	ND	2	87	1	2	2	15	1.43	.050	6	2	.50	111	.07	3	.87	.04	.21	1	210	-
E 57144	1	155	2	36	.1	1	4	813	1.60	2	5	ND	2	73	1	2	2	10	2.11	.052	6	2	.41	70	.03	3	.70	.03	.14	1	133	-
E 57145	1	9	3	27	.1	1	4	786	1.36	2	5	ND	1	69	1	2	2	7	2.24	.049	6	1	.31	59	.01	2	.54	.03	.12	1	290	-
E 57146	2	1	2	32	.1	1	3	1031	1.43	4	5	ND	2	77	1	2	2	11	2.59	.055	9	1	.39	195	.08	2	.70	.03	.36	1	2	-
E 57147	1	17	5	34	.6	2	4	755	1.72	2	5	ND	2	112	1	2	2	11	2.11	.048	8	2	.41	110	.03	2	.84	.04	.17	1	570	-
E 57148	3	1	3	3	.3	2	1	203	.49	2	5	ND	1	22	1	2	2	2	.57	.009	2	2	.05	34	.01	2	.13	.01	.05	1	240	-
E 57149	1	6	5	37	.1	1	4	736	1.59	2	5	ND	2	67	1	2	2	10	1.85	.051	7	2	.46	71	.02	3	.71	.03	.13	1	150	-
E 57150	1	7	3	16	.2	1	3	768	1.26	2	5	ND	3	71	1	2	2	5	2.48	.055	9	1	.25	70	.01	2	.48	.04	.13	1	280	-
E 57151	1	3	3	30	.1	1	3	863	1.65	2	5	ND	2	91	1	2	2	11	2.30	.053	7	2	.40	98	.02	2	.70	.03	.16	1	21	-
E 57152	1	1	6	35	.1	1	3	959	1.65	2	5	ND	2	82	1	2	2	11	2.51	.053	7	2	.46	74	.03	2	.68	.03	.13	2	76	-
E 57153	2	6	2	31	.1	1	3	873	1.50	2	5	ND	2	71	1	2	2	9	2.30	.054	7	1	.38	65	.02	2	.60	.03	.11	1	229	-
E 57154	10	14	5	22	.1	1	2	857	1.13	2	5	ND	1	73	1	2	2	7	2.37	.048	7	2	.26	78	.01	3	.51	.03	.12	1	223	-
E 57155	226	9	5	33	6.9	2	7	874	1.88	2	5	6	1	95	1	2	2	10	2.28	.037	8	2	.44	83	.02	2	.68	.03	.14	1	5940	.168
E 57156	4	12	2	12	.1	1	2	1015	.91	2	5	ND	2	89	1	2	2	5	3.17	.056	8	1	.18	82	.01	2	.40	.03	.14	1	240	-
E 57157	3	6	2	33	.4	1	3	1206	1.63	4	5	ND	1	98	1	2	2	8	3.18	.044	6	2	.40	73	.02	2	.63	.03	.14	1	520	-
E 57158	1	29	3	41	.1	3	4	734	1.72	2	5	ND	2	74	1	2	2	12	1.93	.051	9	2	.47	72	.02	3	.82	.03	.13	1	58	-
E 57159	6	7	4	21	.1	1	1	1660	.98	3	5	ND	1	138	1	2	2	5	5.37	.052	12	1	.32	68	.01	2	.52	.03	.12	1	310	-
E 57160	1	13	6	44	.1	1	4	749	1.52	2	5	ND	1	87	1	2	2	11	1.67	.049	7	2	.51	70	.04	2	.81	.03	.10	1	30	-
E 57161	2	12	8	28	1.0	3	5	1172	2.12	3	5	3	1	108	1	2	2	7	3.29	.054	8	2	.39	58	.01	2	.60	.05	.11	1	2840	.081
E 57162	1	25	5	46	.1	1	4	779	1.68	2	5	ND	2	80	1	2	2	15	1.56	.057	6	2	.54	95	.07	2	.81	.04	.17	1	82	-
E 57163	11	11	4	21	.5	2	3	1395	1.31	4	5	ND	1	121	1	2	2	7	4.44	.049	7	1	.31	70	.01	2	.51	.04	.12	1	760	-
E 57164	1	6	5	35	.1	1	4	690	1.60	3	5	ND	2	111	1	2	2	10	1.94	.047	8	2	.44	56	.02	2	.79	.03	.10	1	3	-
E 57165	115	20	4	28	1.1	2	3	664	1.49	2	5	ND	1	59	1	2	2	10	1.88	.043	7	3	.34	94	.02	2	.66	.04	.17	1	1240	.035
E 57166	5	6	5	24	.1	1	2	757	1.42	2	5	ND	2	65	1	2	2	7	2.09	.054	10	2	.31	68	.01	2	.55	.04	.12	1	190	-
E 57167	2	11	4	38	.1	1	4	800	1.46	2	5	ND	1	125	1	2	2	10	2.20	.045	7	1	.45	70	.02	5	.73	.03	.11	1	94	-
E 57168	1	32	6	39	.1	2	3	750	1.74	2	5	ND	1	117	1	2	2	12	2.08	.051	8	2	.47	83	.02	2	.89	.04	.13	1	97	-
E 57169	1	16	4	36	.1	2	3	787	1.47	4	5	ND	1	129	1	2	2	10	2.17	.052	10	2	.44	80	.02	2	.80	.04	.12	1	118	-
E 57170	1	31	7	42	.1	2	5	703	1.77	2	5	ND	1	127	1	2	2	11	1.96	.052	9	1	.50	77	.02	2	.92	.04	.11	1	330	-
E 57171	12	62	6	28	2.5	3	6	664	1.84	3	5	4	2	77	1	2	2	7	2.06	.048	9	1	.36	64	.01	4	.68	.04	.11	1	4010	.112
E 57172	4	74	3	13	.2	1	2	627	.85	2	5	ND	2	43	1	2	2	4	2.32	.052	14	1	.20	53	.01	2	.49	.03	.12	1	1030	.025
STD C/AU-R	18	58	39	132	7.2	66	29	1061	4.13	45	19	7	38	51	17	16	24	56	.47	.088	39	59	.88	176	.08	31	1.87	.06	.13	12	490	-

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	SR 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	AU* OZ/T
E 57173	22	6	2	30	1.1	1	6	814	2.30	3	5	4	3	40	1	2	2	6	2.28	.054	16	1	.50	73	.01	3	.80	.02	.14	1	4380	.126
E 57174	2	53	2	37	.1	1	3	731	1.59	2	5	ND	1	75	1	2	2	9	2.23	.053	9	1	.46	66	.01	2	.90	.04	.11	1	330	-
E 57175	1	14	2	40	.1	1	3	734	1.53	3	5	ND	1	85	1	2	3	11	1.82	.051	8	2	.50	70	.01	2	.97	.04	.10	1	79	-
E 57176	1	76	4	37	.9	1	4	872	1.59	3	5	2	1	71	1	2	2	7	3.15	.051	9	2	.48	59	.01	2	1.04	.04	.10	1	1160	.032
STD C/AU-R	18	60	37	127	6.9	67	28	1070	3.92	42	18	7	36	49	18	20	22	59	.46	.094	39	59	.88	168	.08	35	1.90	.06	.13	13	500	-
E 57177	1	21	5	39	1.1	1	4	757	1.66	2	5	2	2	62	1	2	2	8	2.71	.050	9	1	.49	61	.01	2	1.17	.06	.11	2	1195	.029
E 57178	1	54	2	30	.8	1	2	1244	1.32	2	5	ND	2	83	1	2	2	6	3.95	.051	13	1	.41	62	.01	2	.68	.03	.11	1	1100	.031
E 57179	1	25	2	45	.6	1	4	771	1.64	5	5	ND	2	114	1	2	2	10	2.50	.054	11	1	.50	89	.02	3	1.11	.05	.13	1	610	-
E 57180	1	33	2	41	.1	1	3	721	1.61	2	5	ND	2	123	1	2	2	14	1.68	.045	9	1	.52	133	.04	2	1.22	.05	.21	1	62	-
E 57181	1	19	5	46	.1	1	3	727	1.72	3	5	ND	1	150	1	2	2	14	1.65	.051	9	2	.55	112	.03	2	1.31	.06	.17	1	65	-
E 57182	1	10	8	50	.1	1	4	764	1.79	2	5	ND	1	153	1	2	2	21	1.49	.054	8	1	.58	208	.09	2	1.87	.09	.38	2	36	-
E 57183	1	50	3	27	.1	1	1	792	1.12	2	5	ND	2	54	1	2	2	6	2.59	.062	16	2	.40	50	.01	2	.66	.05	.08	1	183	-
E 57184	1	5	2	15	.3	1	2	2175	1.02	7	5	ND	2	89	1	3	2	4	8.67	.054	17	1	.26	52	.01	2	.45	.03	.10	1	530	-
E 57185	1	28	5	39	.1	1	2	1258	1.39	4	5	ND	3	89	1	2	2	9	3.67	.058	16	2	.51	58	.01	2	.96	.04	.10	1	145	-
E 57186	1	19	9	49	.1	1	4	846	1.80	2	5	ND	1	100	1	2	2	15	1.80	.055	8	2	.59	103	.03	2	1.15	.04	.15	1	55	-
E 57187	1	65	2	40	.3	1	3	919	1.51	2	5	ND	2	90	1	2	3	9	2.81	.051	8	2	.47	69	.02	2	.86	.04	.11	1	340	-
E 57188	2	154	2	38	.7	1	4	732	1.67	2	5	ND	2	97	1	2	2	12	1.91	.050	7	2	.47	106	.03	3	.99	.05	.17	1	870	-
E 57189	1	15	2	46	.6	2	5	712	1.81	2	5	ND	1	116	1	2	2	17	1.83	.055	7	1	.52	141	.07	2	1.04	.05	.25	2	820	-
E 57190	1	31	6	43	1.2	1	4	722	1.75	3	5	2	2	192	1	2	2	16	1.84	.051	8	2	.52	129	.06	2	1.33	.08	.22	1	1280	.038
E 57191	1	10	2	44	.3	1	4	694	1.65	2	5	ND	1	123	1	2	2	14	1.67	.052	7	2	.51	90	.04	2	.98	.04	.14	1	110	-
E 57192	1	11	2	44	.8	1	4	554	1.44	2	5	2	2	78	1	2	2	10	1.58	.060	7	2	.50	76	.05	3	.95	.04	.13	1	890	-
E 57193	1	10	6	45	.2	2	5	722	1.99	2	5	ND	1	75	1	2	2	20	1.22	.054	8	2	.57	187	.10	2	1.02	.05	.37	1	320	-
E 57194	2	15	3	39	.1	1	4	851	1.81	2	5	ND	2	57	1	2	2	15	1.98	.059	10	2	.53	133	.04	2	.98	.03	.24	1	61	-
E 57195	1	8	4	52	.1	1	6	702	2.02	2	5	ND	1	58	1	2	2	20	1.00	.054	9	3	.64	176	.07	2	1.11	.04	.33	2	16	-
E 57196	2	24	2	53	.1	2	5	857	2.12	2	5	ND	2	58	1	2	2	18	1.81	.061	11	2	.67	156	.05	2	1.26	.03	.27	2	108	-
E 57197	25	22	5	28	17.7	4	15	494	14.23	7	5	28	2	21	1	2	7	7	1.20	.017	6	2	.28	19	.01	2	.57	.03	.11	1	30600	.840
E 57198	1	23	5	45	.1	2	4	671	1.71	3	5	ND	2	57	1	2	2	17	1.32	.052	11	1	.56	152	.05	2	1.03	.03	.29	1	112	-
E 57199	1	5	4	18	.1	1	2	3660	.99	9	5	ND	1	502	1	2	2	4	14.12	.022	5	2	.30	33	.01	2	.35	.02	.05	1	280	-
E 57200	1	14	2	41	.2	1	4	774	1.78	6	5	ND	2	80	1	2	2	11	2.03	.052	8	2	.47	85	.02	2	.77	.04	.17	1	220	-
E 57201	1	25	5	37	.4	1	4	713	1.51	2	5	ND	2	76	1	2	2	10	2.02	.049	7	2	.43	63	.02	3	.74	.03	.12	1	490	-
E 57202	1	14	5	39	.3	2	4	732	1.87	4	5	ND	1	99	1	2	2	9	2.23	.057	8	2	.48	69	.03	4	.78	.04	.11	1	510	-
E 57203	1	13	3	31	16.4	1	4	669	2.22	2	5	19	2	66	1	2	2	9	1.83	.041	6	1	.38	64	.01	2	.65	.03	.12	1	19700	.546
E 57204	1	10	6	43	.5	1	4	777	1.75	2	5	ND	2	83	1	2	2	11	2.48	.050	6	2	.49	64	.03	2	.86	.04	.12	1	490	-
E 57205	1	29	2	37	2.9	2	5	733	2.45	2	5	6	2	80	1	2	2	9	2.11	.052	7	1	.40	58	.01	2	.68	.03	.12	1	5640	.167
E 57206	1	21	2	36	3.1	1	4	727	1.60	2	5	3	2	79	1	2	2	9	1.86	.047	7	2	.43	64	.01	2	.74	.03	.12	1	3320	.094
E 57207	59	19	2	42	1.3	2	5	814	1.95	2	5	2	2	84	1	2	2	13	2.07	.050	7	2	.52	76	.04	2	.87	.05	.13	1	1920	.058
E 57208	9	17	2	38	.2	1	4	917	1.70	2	5	ND	2	87	1	2	2	11	2.42	.051	6	2	.48	72	.02	2	.73	.03	.13	1	198	-

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	SR 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	AU* OZ/T
E 57209	4	12	13	38	1.6	3	8	685	2.30	2	5	4	2	68	1	2	3	15	1.75	.052	8	2	.46	107	.05	2	.77	.05	.20	1	4410	.123
E 57210	1	29	4	36	.1	1	4	770	1.72	2	5	ND	1	101	1	2	2	15	2.15	.051	7	2	.44	117	.06	3	.82	.05	.22	1	430	-
E 57211	15	72	9	31	7.1	2	9	592	2.60	2	5	13	1	125	1	2	2	11	2.26	.047	7	2	.37	94	.05	2	.89	.05	.19	1	10670	.334
E 57212	1	23	9	44	.1	2	4	738	1.91	4	5	ND	1	82	1	2	2	14	1.93	.056	8	3	.51	80	.05	2	.86	.04	.14	1	76	-
E 57213	1	13	7	32	.7	2	6	867	2.05	2	5	2	2	66	1	2	2	10	2.82	.059	8	1	.42	68	.01	2	.78	.04	.15	1	1540	.058
E 57214	1	21	4	28	.1	1	3	736	1.46	2	5	ND	1	71	1	2	2	8	2.19	.058	9	2	.37	70	.01	3	.66	.04	.14	1	118	-
E 57215	1	17	7	32	.1	1	3	701	1.48	2	5	ND	2	73	1	2	2	8	1.99	.047	9	2	.40	66	.01	2	.66	.04	.12	1	250	-
E 57216	3	7	7	16	7.7	2	17	486	3.06	2	5	13	1	47	1	2	2	3	1.38	.019	4	1	.20	39	.01	2	.32	.03	.08	1	10380	.319
E 57217	6	4	7	16	2.9	1	6	502	1.71	2	5	5	1	45	1	2	2	4	1.53	.038	7	1	.23	56	.01	2	.44	.04	.11	1	3740	.114
E 57218	1	16	8	49	.1	1	4	777	1.84	2	5	ND	2	78	1	2	2	14	1.87	.054	8	2	.55	56	.03	2	.90	.04	.10	1	73	-
E 57219	1	115	10	44	.1	1	3	986	1.68	2	5	ND	1	92	1	2	2	9	2.96	.054	8	1	.56	62	.01	2	.88	.04	.11	1	77	-
E 57220	1	32	6	48	.1	1	4	1144	2.45	2	5	ND	1	122	1	2	2	14	2.72	.051	7	2	.85	61	.02	2	1.19	.04	.13	1	370	-
E 57221	1	8	5	41	.1	1	4	716	1.69	2	5	ND	1	73	1	2	2	13	1.85	.052	8	1	.46	83	.05	2	.78	.04	.14	1	80	-
E 57222	3	11	3	20	30.3	5	47	1443	9.99	5	5	37	1	176	1	2	9	7	4.33	.027	5	1	.38	40	.01	2	.43	.03	.08	1	36100	1.040
E 57223	1	32	7	23	.9	1	4	602	1.70	2	5	2	1	56	1	2	2	7	2.24	.051	7	1	.31	65	.01	3	.60	.04	.13	1	1580	.048
E 57224	1	42	5	23	6.0	1	10	662	4.08	3	5	7	1	65	1	2	2	6	2.09	.041	6	2	.34	51	.01	2	.57	.04	.10	1	6630	.208
E 57225	1	29	3	18	.1	1	3	539	1.26	2	5	ND	2	51	1	2	2	5	1.70	.045	9	1	.30	60	.01	2	.57	.04	.12	1	260	-
E 57226	1	5	2	12	.2	1	2	960	1.09	2	5	ND	1	99	1	2	2	4	2.79	.020	5	2	.27	29	.01	2	.35	.03	.05	1	450	-
E 57227	1	32	9	45	.1	1	3	843	1.84	2	5	ND	2	92	1	2	2	13	2.36	.053	9	1	.52	66	.02	2	.92	.04	.12	1	200	-
E 57228	1	10	6	46	.1	2	4	575	1.49	2	5	ND	2	96	1	2	2	11	1.40	.055	8	2	.49	70	.06	2	.89	.04	.12	1	50	-
E 57229	10	10	2	37	.1	1	3	954	1.62	2	5	ND	1	102	1	2	2	10	2.78	.037	6	1	.46	57	.02	2	.67	.03	.11	1	250	-
E 57230	9	37	6	21	6.3	2	7	698	2.18	2	5	9	1	63	1	2	2	6	2.18	.049	7	1	.26	68	.01	2	.51	.04	.13	1	7730	.239
E 57231	1	12	5	41	.7	1	4	700	1.83	2	5	ND	1	71	1	2	2	14	1.71	.050	7	1	.48	70	.04	2	.78	.04	.12	1	1090	.033
E 57232	8	113	6	39	1.0	1	4	694	1.92	2	5	2	2	79	1	2	2	17	1.52	.048	8	2	.45	136	.08	4	.78	.05	.25	1	970	-
E 57233	4	14	9	32	23.7	2	8	652	3.64	4	5	27	2	88	1	2	2	10	2.31	.046	7	1	.38	81	.02	2	.73	.05	.17	1	26500	.730
E 57234	1	12	6	50	.1	1	8	727	2.38	2	5	ND	1	66	1	2	2	17	1.62	.072	7	2	.63	176	.13	2	.99	.06	.47	1	340	-
E 57235	219	8	6	23	5.6	1	3	624	1.73	2	5	6	1	75	1	2	2	9	2.16	.036	6	1	.29	73	.03	2	.59	.04	.13	1	5440	.175
E 57236	1	7	4	38	1.4	1	4	637	1.92	2	5	2	2	158	1	2	2	13	1.97	.048	7	1	.44	116	.05	2	.88	.05	.20	1	1310	.039
E 57237	69	2	3	18	.5	1	2	1051	.94	2	5	ND	3	110	1	2	2	6	3.46	.064	14	1	.26	64	.01	2	.48	.05	.14	1	400	-
E 57238	17	1	5	31	1.1	2	5	1240	2.10	2	5	2	2	116	1	2	2	6	3.70	.060	12	1	.40	65	.01	3	.60	.04	.14	1	2240	.067
E 57239	1	21	2	36	.3	1	3	939	1.57	2	5	ND	2	102	1	2	2	10	2.67	.059	10	1	.45	63	.01	2	.68	.04	.13	1	300	-
E 57240	49	5	2	22	3.9	1	10	1167	4.28	3	5	9	2	125	1	2	2	7	3.44	.054	9	1	.32	63	.01	2	.51	.04	.13	1	7970	.238
E 57241	58	2	6	18	1.6	1	4	1121	2.02	2	5	3	2	112	1	2	2	6	3.59	.056	8	1	.26	67	.03	2	.52	.04	.12	3	2510	.078
E 57242	72	34	7	13	22.9	3	82	559	7.66	2	5	50	1	69	1	2	12	4	2.12	.021	3	1	.13	47	.02	2	.30	.02	.09	1	51800	1.410
E 57243	6	2	3	38	.8	1	4	1142	1.70	4	5	2	2	140	1	2	2	10	3.78	.045	6	1	.46	92	.04	2	.73	.03	.21	1	1180	.036
E 57244	3	21	3	32	.3	1	4	622	1.63	2	5	ND	2	63	1	2	2	10	2.31	.045	8	1	.38	75	.02	3	.96	.03	.14	1	420	-
STD C/AU-R	19	59	41	132	7.7	68	29	1027	4.16	42	17	8	38	52	18	17	21	59	.47	.081	40	60	.89	178	.09	32	1.91	.06	.14	13	515	-

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	SR 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	AU** OZ/T
E 57245	29	79	4	33	3.2	1	4	664	1.75	2	5	5	2	93	1	2	2	14	2.57	.052	8	1	.42	102	.05	3	.85	.05	.19	1	3910	.112
E 57246	10	10	4	36	2.4	1	14	743	4.03	3	5	2	1	129	1	2	2	13	2.04	.044	6	2	.41	105	.08	6	.70	.05	.26	1	2070	.059
E 57247	13	16	2	38	.2	1	4	634	1.57	2	5	ND	2	71	1	2	2	12	1.55	.051	6	1	.46	81	.06	5	.71	.04	.15	1	350	-
E 57248	3	39	3	32	.6	5	3	865	1.51	5	5	ND	3	101	1	2	2	9	3.22	.050	7	9	.42	57	.01	4	.71	.04	.12	1	550	-

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-CORE P2-ROCK AU## BY FIRE ASSAY FROM 1/2 A.T.

DATE RECEIVED: DEC 10 1987 DATE REPORT MAILED: Dec 13/87 ASSAYER.. D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT-4544 File # 87-6041 Page 1

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	SR 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	AU** OZ/T
E 57249	1	18	6	35	.5	2	5	886	2.13	2	8	ND	4	93	1	2	2	10	2.36	.068	10	2	.51	72	.01	2	.81	.04	.14	2	410	-
E 57250	1	14	5	47	.3	2	5	754	1.80	2	5	ND	3	99	1	2	2	16	1.28	.053	7	3	.55	126	.09	2	.84	.04	.25	1	505	-
E 57251	1	37	2	63	.1	5	8	1398	2.65	2	5	ND	3	110	1	2	4	21	3.25	.068	7	10	1.14	65	.01	2	1.48	.03	.13	1	220	-
E 57252	1	9	2	8	12.6	3	37	253	10.41	2	5	19	2	21	1	2	6	2	.42	.003	2	3	.07	22	.01	2	.11	.01	.05	1	18250	.485
E 57253	1	11	5	43	7.1	2	5	666	2.34	2	5	8	4	106	1	2	3	20	1.01	.048	10	5	.48	168	.12	2	.94	.07	.34	1	7580	.203
E 57254	1	2	2	15	.1	2	2	1154	1.00	2	11	ND	4	143	1	2	3	5	3.34	.060	9	2	.26	42	.01	3	.44	.04	.10	1	212	-
E 57255	1	14	2	55	.1	1	6	857	1.90	2	5	ND	3	115	1	2	2	14	1.85	.065	8	3	.62	75	.08	2	1.03	.04	.12	1	113	-
E 57256	5	10	2	22	.5	2	5	1090	1.79	2	5	2	4	108	1	2	2	7	3.73	.063	10	3	.39	50	.04	2	.63	.03	.10	1	1065	.032
E 57257	1	9	6	43	.1	1	5	745	1.65	2	5	2	3	103	1	2	2	14	1.50	.060	9	3	.47	92	.08	2	.83	.04	.16	1	295	-
E 57258	1	14	5	48	.1	2	5	679	1.67	2	5	ND	4	94	1	2	2	16	1.22	.061	8	3	.51	114	.10	2	.88	.04	.19	1	19	-
E 57259	8	7	2	40	.2	1	4	680	1.60	2	5	ND	2	107	1	2	3	12	1.50	.051	7	3	.45	79	.06	2	.79	.04	.12	1	440	-
E 57260	1	23	2	42	.1	1	3	583	1.35	2	5	ND	2	98	1	2	2	10	1.29	.050	6	2	.45	68	.06	2	.76	.03	.11	1	48	-
E 57261	1	8	2	41	.1	1	4	768	1.70	2	14	ND	5	80	1	2	2	11	1.77	.053	7	2	.51	66	.03	2	.85	.04	.12	2	30	-
E 57262	1	17	5	46	.1	2	5	884	1.73	2	5	ND	1	89	1	2	2	11	2.17	.057	6	3	.49	58	.03	2	.80	.03	.10	1	83	-
E 57263	1	6	2	48	.1	3	4	550	1.34	2	5	ND	3	79	1	2	3	12	.90	.055	7	2	.50	95	.09	6	.83	.04	.15	2	6	-
E 57264	1	6	2	25	.4	2	2	756	1.55	2	9	ND	4	88	1	2	2	9	1.98	.050	8	3	.43	54	.01	2	.67	.05	.10	1	213	-
E 57265	1	36	2	38	2.2	1	4	767	1.83	2	5	3	2	70	1	2	2	10	1.82	.053	7	2	.46	57	.02	2	.76	.03	.09	1	1980	.059
E 57266	1	16	6	25	14.3	5	26	950	9.09	2	6	28	4	79	1	2	8	8	2.22	.036	6	3	.29	41	.01	2	.52	.04	.12	1	23800	.666
E 57267	1	4	2	46	.1	2	4	583	1.38	2	5	ND	3	89	1	2	2	13	1.13	.054	7	2	.47	102	.09	2	.83	.03	.18	1	11	-
E 57268	1	19	15	35	59.7	6	35	672	11.23	2	6	102	2	58	1	2	39	13	1.19	.038	6	2	.35	19	.05	2	.63	.05	.19	1	91800	2.790
E 57269	1	6	3	37	.1	2	3	593	1.43	2	5	ND	4	79	1	2	2	13	1.19	.050	7	2	.40	87	.07	2	.69	.03	.13	2	735	-
E 57270	1	123	4	53	1.5	4	6	984	2.36	2	5	3	6	93	1	2	4	16	2.25	.070	7	4	.62	65	.04	2	.96	.04	.12	1	2670	.080
E 57271	1	12	12	15	69.9	1	2	406	1.09	2	5	113	1	39	1	2	15	4	1.06	.027	4	2	.19	44	.01	2	.37	.03	.09	1	108000	3.320
E 57272	1	23	5	36	.1	1	3	884	1.64	2	5	ND	1	89	1	2	2	11	2.26	.054	7	3	.42	75	.03	7	.72	.04	.13	1	625	-
E 57273	1	32	2	32	.3	2	3	988	1.50	2	5	ND	3	93	1	2	2	8	2.53	.057	7	3	.47	52	.01	2	.67	.03	.09	1	585	-
E 57274	1	8	2	31	.4	3	3	1072	1.52	2	5	ND	3	88	1	2	2	8	2.92	.058	8	3	.44	52	.02	6	.68	.04	.09	1	650	-
E 57275	1	594	14	13	35.7	7	140	431	19.76	2	5	30	2	28	1	4	361	3	1.21	.002	2	2	.06	12	.01	2	.12	.01	.03	1	89440	2.860
STD C/AU-R	19	58	39	132	7.1	65	29	1146	4.01	36	19	8	38	52	19	18	23	58	.44	.081	40	61	.90	178	.09	31	1.96	.06	.13	11	505	-

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	SR 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	AU** OZ/T
ALDER #1A	10	62179 ✓	2	63	159.3 ✓	29	52	768	17.79	2	5	99	2	74	3	2	2	5	2.30	.001	2	1	.17	1	.01	8	.13	.01	.02	1	96800	3.150
ALDER #1B	42	48	8	17	46.1	16	64	226	17.73	2	5	152	4	3	1	2	56	5	.06	.006	2	5	.20	15	.01	2	.22	.01	.03	1	155500	4.880
ALDER #2	23	320	4	2	9.5	3	6	44	1.81	2	5	14	1	1	1	2	4	1	.01	.001	2	2	.01	4	.01	4	.03	.01	.01	1	14900	.369
4550E 19700N-A	1	98	5	73	.8	12	15	921	3.25	3	5	ND	2	83	1	2	2	56	1.16	.069	4	8	1.51	44	.19	2	1.72	.09	.10	1	1260	.034
4550E 19700N-B	2	827	2	44	.8	4	20	520	4.36	3	5	ND	1	187	1	2	2	94	1.64	.078	4	3	.77	93	.28	2	1.51	.08	.25	1	420	-
4550E 19700N-C	1	29	2	3	.6	4	1	83	.72	5	5	ND	1	11	1	2	2	3	.07	.002	2	3	.04	7	.02	2	.10	.03	.01	2	390	-
STD C/AU-R	18	57	38	133	7.4	67	28	1117	4.08	41	21	8	38	51	18	17	20	56	.45	.080	39	61	.91	178	.09	31	1.87	.06	.14	12	500	-

✓ ASSAY REQUIRED FOR CORRECT RESULT -

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU** BY FIRE ASSAY FROM 1/2 A.T.

DATE RECEIVED: DEC 11 1987 DATE REPORT MAILED: Dec 21/87 ASSAYER: D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT-4544 File # 87-6142 Page 1

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	SR 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	AU** OZ/T
E 57276	1	18	2	18	2.4	2	8	622	1.99	4	5	6	1	76	1	2	2	7	1.97	.043	5	1	.24	64	.01	2	.49	.04	.13	1	5890	.159
E 57277	4	133	3	48	.2	2	7	671	2.87	2	5	ND	1	91	1	2	2	21	.89	.053	7	1	.58	190	.13	2	1.03	.08	.55	1	280	-
E 57278	1	13	2	45	.1	1	4	731	1.97	2	5	ND	1	67	1	2	2	18	1.14	.054	7	1	.54	175	.10	2	.87	.06	.31	1	38	-
E 57279	1	6	2	38	.1	2	3	783	1.65	3	5	ND	1	75	1	2	2	8	2.27	.061	7	1	.46	68	.01	2	.85	.04	.13	1	310	-
E 57280	1	1	7	22	.1	1	3	774	1.42	6	5	ND	1	51	1	2	2	7	2.34	.055	7	1	.43	53	.01	3	.71	.03	.11	1	1	-
E 57281	1	111	3	38	.2	1	3	915	1.57	3	5	ND	1	80	1	2	2	11	3.34	.058	6	1	.48	62	.04	2	.73	.03	.10	1	190	-
E 57282	1	15	2	47	.1	2	4	645	1.76	4	5	ND	1	374	1	2	2	16	1.31	.057	6	1	.54	144	.08	2	1.21	.05	.24	1	59	-
E 57283	1	4	3	41	.1	1	3	1144	1.60	3	5	ND	1	106	1	2	2	10	2.60	.051	6	1	.53	76	.05	2	.78	.04	.14	1	23	-
E 57284	1	15	2	37	.1	2	4	711	1.59	2	5	ND	1	70	1	2	2	8	1.86	.057	6	1	.42	60	.03	2	.70	.03	.09	1	225	-
E 57285	1	57	6	41	.7	2	4	728	1.65	2	5	ND	1	71	1	2	2	8	1.84	.059	8	1	.49	66	.02	2	.83	.04	.11	1	565	-
E 57286	2	1	4	24	.5	2	5	503	1.80	4	5	ND	1	28	1	2	2	5	1.02	.015	4	1	.40	23	.01	2	.51	.02	.04	1	1030	.026
E 57287	1	50	9	34	.3	2	4	710	1.46	2	5	ND	1	67	1	2	2	7	1.95	.050	8	2	.40	53	.01	3	.67	.03	.09	1	410	-
E 57288	1	136	4	48	.2	3	4	957	1.80	4	5	ND	1	86	1	2	2	11	2.48	.058	6	1	.54	45	.02	2	.83	.03	.07	1	270	-
E 57289	1	9	2	42	.1	2	4	591	1.27	2	5	ND	1	74	1	2	2	8	1.51	.058	6	1	.47	54	.05	2	.74	.04	.08	1	96	-
E 57290	18	6	7	17	12.4	3	19	376	6.75	6	5	20	1	36	1	2	3	3	1.17	.008	2	1	.18	28	.01	2	.34	.02	.04	1	21300	.640
E 57291	1	41	6	49	1.9	4	4	772	1.88	4	5	2	1	71	1	2	2	12	1.92	.057	6	1	.56	53	.04	2	.83	.03	.08	1	1860	.053
E 57292	1	26	2	47	.3	1	4	720	1.70	2	5	ND	1	88	1	2	2	12	1.90	.059	6	1	.52	53	.03	2	.88	.04	.07	1	430	-
E 57293	1	75	3	46	.3	2	4	818	1.85	2	5	ND	1	89	1	2	2	12	2.12	.061	8	1	.51	76	.02	2	.87	.05	.12	1	360	-
E 57294	1	29	5	44	.3	1	4	795	1.79	5	5	ND	1	87	1	2	2	12	2.03	.060	8	1	.51	70	.03	2	.83	.04	.10	1	315	-
E 57295	1	13	4	20	.1	2	1	1152	1.35	5	5	ND	2	106	1	2	2	9	3.90	.061	13	1	.28	73	.01	2	.54	.03	.12	1	205	-
E 57296	1	2	2	12	.1	1	2	1080	1.43	5	5	ND	2	79	1	2	2	7	3.48	.071	17	1	.29	84	.01	2	.60	.02	.13	1	148	-
E 57297	1	136	4	46	.1	1	4	898	1.99	4	5	ND	1	103	1	2	2	12	2.24	.064	9	1	.57	58	.01	2	1.00	.04	.10	1	26	-
E 57298	1	87	4	26	.3	1	2	851	1.26	2	5	ND	1	80	1	2	2	6	2.30	.051	11	1	.37	39	.01	2	.75	.03	.07	1	230	-
E 57299	1	21	5	32	.5	3	4	863	2.07	5	5	ND	2	75	1	2	2	9	2.46	.062	12	1	.41	63	.01	2	.69	.03	.10	1	840	-
E 57300	62	375	5	17	10.8	1	29	820	3.06	4	5	23	1	52	1	2	4	4	2.53	.047	8	1	.23	64	.01	2	.44	.02	.10	1	23320	.670
E 57301	8	33	2	27	1.1	2	4	954	1.46	4	5	ND	2	92	1	2	2	5	3.11	.059	10	1	.38	54	.01	2	.60	.02	.09	1	1340	.037
E 57302	87	13	6	20	3.1	2	10	782	1.90	6	5	4	1	50	1	2	2	5	3.36	.029	9	1	.24	28	.01	2	.46	.02	.05	1	3510	.101
E 57303	1	128	4	38	2.1	1	3	897	1.61	2	5	2	1	147	1	2	2	7	3.18	.061	9	1	.49	50	.01	4	.78	.04	.07	1	2455	.069
E 57304	30	339	6	16	14.4	2	5	1268	1.96	7	5	17	1	114	1	2	4	4	5.10	.035	7	1	.20	51	.01	2	.42	.02	.09	1	18420	.526
E 57305	1	4	4	43	.1	1	4	563	1.45	4	5	ND	1	101	1	2	3	13	1.40	.056	7	1	.46	125	.04	5	1.77	.09	.24	1	30	-
E 57306	1	35	3	39	1.3	2	4	873	1.58	3	5	ND	1	182	1	2	4	8	2.89	.047	8	2	.45	76	.01	2	.97	.04	.09	1	1790	.048
E 57307	1	25	8	34	.7	3	3	897	1.48	2	5	ND	1	81	1	2	2	11	2.44	.050	6	1	.39	87	.03	2	.63	.03	.15	1	640	-
E 57308	1	176	2	41	.4	2	5	797	1.68	4	5	ND	1	76	1	2	5	13	1.71	.070	6	1	.47	101	.05	3	.73	.03	.17	1	225	-
E 57309	2	25	4	25	13.9	2	5	1566	2.07	9	5	15	1	201	1	2	3	6	4.92	.038	4	1	.32	34	.01	2	.43	.02	.07	1	17110	.416
E 57310	1	19	4	43	.1	3	4	727	1.92	2	5	ND	1	99	1	2	2	16	2.27	.052	9	2	.45	126	.06	2	1.28	.04	.23	1	142	-
E 57311	1	15	4	44	.2	3	4	695	1.73	3	5	ND	1	118	1	2	3	15	1.72	.054	8	2	.49	117	.06	2	.84	.04	.18	1	310	-
STD C/AU-R	18	59	37	132	7.2	67	27	1058	4.20	39	18	7	36	50	17	18	22	55	.44	.084	38	59	.88	175	.08	31	1.89	.06	.14	11	500	-

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	SR 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	AU** OZ/T
E 57312	219	12	6	51	3.2	1	4	2863	2.39	3	5	3	1	198	1	2	3	9	7.71	.037	5	1	.85	44	.01	2	.88	.02	.09	1	3400	.098
E 57313	32	13	4	23	.1	1	1	1682	.94	2	5	ND	1	142	1	2	4	5	4.14	.061	9	1	.38	61	.01	2	.53	.03	.11	1	355	-
E 57314	743	32	10	24	63.4	2	14	932	3.52	2	5	50	1	81	1	2	17	4	2.89	.047	5	1	.28	51	.01	2	.46	.03	.10	1	49800	1.440
E 57315	4	66	4	27	.8	2	2	1040	1.20	2	6	ND	1	120	1	2	2	6	3.35	.033	5	2	.34	31	.01	2	.50	.02	.05	1	1230	.032
E 57316	20	43	8	33	6.1	1	12	696	2.46	3	5	12	1	64	1	3	2	7	1.96	.053	7	1	.38	48	.01	2	.56	.02	.09	1	11200	.324
E 57317	1	65	5	38	.1	1	4	835	1.52	2	5	ND	1	68	1	2	2	8	2.13	.055	6	1	.44	53	.01	2	.63	.02	.08	1	205	-
E 57318	24	77	7	32	.9	1	7	854	1.79	2	5	ND	1	61	1	2	2	7	2.24	.048	6	1	.42	47	.01	2	.55	.02	.07	1	1290	.037
E 57319	2	31	2	39	.6	1	5	693	1.57	2	5	ND	1	59	1	2	2	8	1.73	.056	5	1	.43	63	.03	2	.60	.02	.09	1	1080	.031
E 57320	3	34	7	32	8.9	2	19	619	6.06	7	6	16	1	51	1	2	6	7	1.51	.047	5	2	.31	58	.02	2	.44	.02	.12	1	15400	.409
E 57321	11	10	2	39	1.6	3	9	850	2.05	2	5	3	1	76	1	2	2	10	1.93	.048	4	2	.44	102	.05	2	.56	.04	.18	1	2610	.080
E 57322	48	58	2	23	5.1	2	3	526	1.33	2	5	9	1	51	1	2	2	8	1.47	.029	3	3	.28	67	.03	2	.41	.03	.13	1	8750	.255
E 57323	24	10	2	38	2.4	2	4	576	1.63	2	5	2	1	56	1	2	2	12	1.11	.048	5	2	.43	116	.07	2	.60	.03	.21	1	2670	.072
E 57324	10	11	4	37	.2	2	4	883	1.53	2	5	ND	1	95	1	2	2	10	2.25	.049	5	1	.42	65	.05	2	.63	.04	.11	1	580	-
E 57325	1	7	2	39	1.5	2	4	892	1.65	2	5	2	1	85	1	2	2	12	2.13	.050	5	3	.46	109	.06	2	.62	.03	.19	1	1760	.054
E 57326	1	1	2	21	.6	2	3	678	1.67	2	5	ND	1	74	1	2	2	6	2.09	.061	7	1	.26	63	.01	2	.46	.04	.10	1	1410	.039
E 57327	1	13	4	36	.1	1	3	721	1.65	2	5	ND	2	79	1	2	2	11	1.86	.063	7	1	.44	77	.03	2	.63	.04	.14	1	103	-
E 57328	1	1	4	21	.1	2	2	929	1.31	2	5	ND	1	79	1	2	2	6	2.97	.059	7	1	.31	56	.01	2	.46	.04	.09	1	310	-
E 57329	3	5	6	25	.1	2	2	611	1.42	2	5	ND	1	56	1	2	2	9	1.67	.059	7	2	.32	62	.01	2	.51	.03	.11	1	174	-
E 57330	5	6	4	30	.1	3	4	841	1.70	2	5	ND	1	96	1	2	2	9	2.45	.064	8	1	.39	66	.01	4	.59	.04	.10	1	335	-
E 57331	12	12	5	39	.4	2	3	749	1.86	2	5	ND	1	74	1	2	2	11	2.02	.065	7	1	.51	67	.01	2	.72	.04	.11	1	665	-
E 57332	3	11	3	43	.1	3	4	639	1.71	2	5	ND	1	73	1	2	2	12	1.40	.057	6	2	.52	70	.04	2	.75	.04	.10	1	240	-
E 57333	14	73	2	38	1.1	2	4	701	1.88	2	5	ND	1	90	1	2	2	10	1.95	.058	7	1	.49	66	.01	2	.74	.04	.11	1	1410	.035
E 57334	7	31	2	34	.2	2	3	827	1.81	2	5	ND	1	117	1	2	2	8	2.53	.058	8	1	.51	50	.01	2	.63	.04	.08	1	605	-
E 57335	1	5	3	38	.1	3	4	615	1.58	2	5	ND	1	99	1	2	2	13	1.29	.054	6	1	.43	118	.06	2	.67	.04	.20	1	52	-
E 57336	9	17	2	40	.9	2	4	742	1.86	2	5	ND	1	72	1	2	2	12	1.85	.055	5	2	.48	63	.03	2	.66	.04	.10	1	1340	.034
E 57337	31	28	2	41	1.5	1	7	704	1.97	4	5	2	1	74	1	2	2	11	1.72	.058	6	1	.47	64	.03	2	.69	.04	.11	1	1860	.052
E 57338	39	23	2	40	.9	2	6	641	1.67	2	5	ND	1	65	1	2	2	11	1.46	.052	5	2	.46	56	.03	2	.69	.04	.08	1	1510	.039
E 57339	6	11	2	40	.2	2	3	712	1.75	2	5	ND	1	77	1	2	2	11	1.84	.053	6	3	.46	70	.03	2	.74	.05	.12	1	380	-
E 57340	10	16	2	27	2.2	1	2	661	1.57	3	5	2	1	68	1	5	2	9	1.85	.058	6	1	.36	70	.02	2	.54	.04	.13	1	2520	.075
E 57341	1	12	4	39	.9	2	4	673	1.70	2	5	2	1	95	1	2	2	12	1.67	.054	6	2	.45	84	.04	2	.72	.05	.12	1	1320	.039
E 57342	6	7	8	41	3.1	2	7	806	2.38	2	5	3	1	100	1	2	2	14	1.76	.050	5	2	.51	119	.07	2	.72	.04	.22	1	3670	.106
E 57343	5	5	6	42	1.0	2	9	594	2.38	2	5	3	2	94	1	2	2	17	.89	.055	6	2	.48	169	.10	2	.81	.06	.36	1	2890	.085
E 57344	1	20	2	41	.1	3	4	694	1.79	2	5	ND	1	91	1	2	2	14	1.55	.053	6	2	.50	98	.05	2	.73	.04	.15	1	880	-
E 57345	1	3	2	38	.1	2	4	645	1.70	2	5	ND	1	93	1	2	2	14	1.45	.055	6	2	.48	89	.05	2	.68	.04	.14	1	87	-
E 57346	1	6	3	40	.1	2	4	930	1.58	2	5	ND	1	111	1	2	2	11	2.24	.058	7	1	.47	97	.06	2	.65	.03	.18	1	111	-
E 57347	12	5	3	30	.1	2	3	731	1.37	2	5	ND	1	81	1	2	2	9	2.23	.054	6	2	.39	52	.03	2	.62	.03	.09	1	98	-
STD C/AU-R	18	59	36	132	7.1	69	28	1057	4.24	41	16	8	37	50	18	17	19	55	.45	.085	38	59	.89	175	.08	31	1.81	.06	.14	12	510	-

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	SR 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	AU** OZ/T
E 57348	1	35	3	40	.1	20	4	780	1.78	2	5	ND	1	97	1	2	2	16	2.04	.055	7	13	.58	97	.04	2	.97	.06	.16	1	31	-
E 57349	2	27	4	45	.2	3	18	694	2.18	2	5	ND	1	97	1	2	2	20	1.27	.059	6	5	.59	164	.10	2	.96	.05	.30	1	1330	.039
E 57350	12	3075	9	18	8.6	4	228	671	4.80	5	5	19	1	52	1	2	2	5	1.93	.019	2	1	.16	66	.01	2	.35	.03	.12	2	19550	.590
E 57351	27	96	6	41	.5	1	6	849	1.95	4	5	ND	1	72	1	2	2	15	2.43	.069	7	1	.49	81	.05	3	.83	.04	.12	1	815	-
E 57352	1	42	10	36	.1	2	3	851	1.66	2	5	ND	1	78	1	2	2	11	2.31	.057	6	1	.45	80	.03	2	.77	.04	.14	1	420	-
E 57353	1	38	2	41	.1	1	4	917	1.74	2	5	ND	1	80	1	2	2	12	2.33	.059	6	2	.51	62	.03	2	.84	.04	.09	1	118	-
E 57354	1	47	2	27	.1	1	2	935	1.40	2	5	ND	1	80	1	3	3	10	2.59	.064	8	1	.36	95	.03	7	.64	.05	.15	1	250	-
E 57355	1	16	6	46	.1	2	11	581	2.22	2	5	ND	1	70	1	2	2	21	.79	.056	7	2	.55	190	.12	2	.94	.06	.37	1	1490	.040
E 57356	1	33	5	31	.1	2	3	875	1.41	2	5	ND	1	76	1	2	2	8	2.78	.054	6	1	.37	65	.03	2	.66	.04	.11	1	153	-
E 57357	1	79	6	45	.1	2	5	844	1.94	2	5	ND	1	105	1	2	2	12	2.82	.062	7	1	.52	82	.06	2	1.11	.05	.14	1	320	-
E 57358	1	269	6	18	1.6	2	16	798	1.84	2	5	4	1	82	1	2	3	8	2.30	.067	7	1	.28	116	.01	3	.69	.03	.20	1	3960	.103
E 57359	3	19	7	8	19.3	2	11	327	3.74	5	5	25	1	37	1	2	5	3	.95	.020	2	1	.08	57	.01	2	.24	.02	.09	1	29105	.788
E 57360	1	31	5	29	2.9	1	3	1261	1.96	4	5	3	1	112	1	2	2	10	3.75	.070	6	1	.39	99	.01	2	.73	.05	.15	1	3410	.084
E 57361	1	38	6	47	.3	2	4	792	1.84	5	5	ND	1	92	1	2	2	15	1.85	.057	6	1	.53	104	.08	2	.84	.04	.15	1	590	-
E 57362	1	95	4	46	.1	2	5	735	1.72	4	5	ND	1	99	1	2	2	13	1.82	.066	7	2	.54	109	.09	2	.91	.06	.20	1	157	-
E 57363	1	33	6	52	.4	3	4	887	1.95	6	5	ND	1	75	1	4	2	12	2.03	.061	7	1	.63	76	.06	2	.99	.05	.12	1	625	-
E 57364	1	14	10	36	.1	2	2	1398	1.67	3	5	ND	1	131	1	2	2	11	4.26	.058	6	1	.49	71	.03	4	.74	.05	.12	1	225	-
E 57365	1	12	5	37	.1	2	4	807	1.77	2	6	ND	1	74	1	2	2	12	2.09	.064	6	1	.47	73	.05	2	.75	.04	.12	2	88	-
E 57366	1	7	2	35	3.4	1	8	739	2.49	2	5	7	1	89	1	2	2	10	1.96	.058	6	1	.42	56	.02	4	.68	.03	.09	1	7310	.202
E 57367	5	1	5	23	.4	1	2	723	1.34	2	5	ND	1	75	1	2	2	7	2.22	.058	8	1	.39	45	.01	2	.56	.04	.08	1	715	-
E 57368	7	14	7	23	1.3	1	8	828	2.04	5	6	3	1	112	1	2	2	7	2.79	.066	7	1	.34	54	.01	2	.60	.03	.09	1	2680	.078
E 57369	46	12	11	30	2.6	2	7	733	2.18	3	5	4	1	73	1	2	2	11	2.16	.061	6	1	.40	68	.02	2	.71	.03	.11	1	3110	.097
E 57370	29	18	7	33	2.3	1	11	717	2.50	4	5	4	1	76	1	2	2	9	2.18	.059	6	1	.39	69	.02	2	.76	.04	.13	1	4145	.127
E 57371	2	19	9	41	.5	1	5	672	1.86	6	5	ND	2	64	1	5	2	13	1.67	.065	7	1	.51	57	.03	2	.82	.03	.10	1	605	-
E 57372	1	17	6	46	.1	3	4	730	1.72	2	5	ND	1	83	1	2	2	14	1.73	.059	7	1	.52	75	.04	2	.84	.04	.10	1	66	-
E 57373	1	17	6	45	.1	2	4	618	1.66	3	5	ND	1	101	1	2	2	15	1.29	.060	7	1	.51	94	.06	2	.86	.04	.15	1	124	-
E 57374	2	23	12	39	.2	1	5	851	2.11	4	5	ND	1	120	1	2	2	11	2.35	.061	6	2	.51	59	.02	5	.80	.04	.09	1	440	-
E 57375	1	11	4	44	.1	1	4	724	1.48	2	5	ND	1	94	1	2	2	12	1.52	.054	6	1	.53	75	.06	4	.83	.04	.13	1	50	-
E 57376	1	14	14	35	4.8	2	37	535	5.38	7	5	12	1	53	1	2	2	12	1.33	.047	5	2	.36	70	.03	3	.61	.04	.12	1	11490	.316
E 57377	1	6	11	39	2.7	1	25	688	4.50	6	5	7	2	61	1	3	2	14	1.52	.055	6	2	.44	66	.02	5	.73	.05	.11	1	6480	.191
E 57378	1	14	5	24	12.2	2	56	510	7.03	8	5	25	1	60	1	2	3	8	1.19	.038	5	1	.25	53	.01	2	.49	.04	.10	1	27505	.776
E 57379	1	5	2	38	.3	2	5	744	2.01	4	5	ND	1	71	1	2	2	15	1.88	.064	7	1	.43	73	.02	2	.78	.04	.11	1	570	-
E 57380	1	8	5	43	4.5	2	15	661	3.12	6	5	9	2	71	1	2	4	12	1.57	.056	6	2	.43	79	.04	2	.77	.04	.12	1	8120	.229
E 57381	1	16	6	48	.1	1	4	619	1.61	2	5	ND	1	80	1	2	2	13	1.20	.061	6	1	.53	61	.07	2	.87	.05	.08	1	129	-
E 57382	2	11	2	33	.1	1	3	750	1.44	2	5	ND	1	75	1	2	2	9	2.28	.055	5	2	.39	65	.03	2	.73	.04	.10	1	190	-
E 57383	70	32	8	24	28.7	6	283	404	18.95	23	6	72	1	52	1	2	35	6	.87	.028	3	1	.17	20	.01	2	.38	.02	.10	2	83800	2.276
STD C/AU-R	17	56	38	128	6.8	68	28	1049	4.15	43	17	7	36	48	17	18	19	58	.43	.083	36	57	.87	175	.08	34	1.95	.05	.14	11	505	-

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	SR 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	AU* OZ/T
E 57384	2	18	8	43	.2	6	5	716	1.86	3	5	ND	2	110	1	2	2	17	1.73	.056	8	4	.54	120	.06	8	.94	.05	.17	3	154	-
E 57385	1	7	4	46	.1	5	5	644	1.72	3	5	ND	2	91	1	2	2	17	1.17	.053	8	4	.54	148	.10	6	.93	.06	.24	1	70	-
E 57386	1	18	4	35	.5	2	13	669	2.05	3	5	2	2	127	1	2	2	14	2.01	.054	7	2	.49	84	.05	2	.94	.05	.14	2	1460	.044
E 57387	1	15	8	45	.1	2	5	674	1.74	2	5	ND	1	88	1	2	2	16	1.47	.056	6	2	.52	92	.08	2	.84	.04	.13	1	240	-
E 57388	1	19	4	36	.1	1	5	846	1.62	2	5	ND	1	94	1	2	2	12	2.39	.047	5	1	.46	60	.04	2	.73	.04	.09	1	190	-
E 57389	1	58	10	45	.3	2	4	1331	1.68	5	5	ND	1	163	1	2	2	13	3.84	.053	6	2	.53	59	.04	3	.80	.04	.09	1	164	-
E 57390	1	30	11	37	.8	2	10	867	1.93	3	5	2	1	86	1	2	2	11	2.37	.053	6	1	.43	60	.03	2	.72	.04	.09	1	1485	.054
E 57391	1	44	10	35	.7	1	4	843	1.97	4	5	ND	1	78	1	2	2	10	2.44	.056	7	1	.43	68	.02	3	.70	.04	.11	1	945	-
E 57392	1	16	5	43	.3	2	4	1195	1.69	2	5	ND	1	98	1	2	2	11	3.10	.046	6	1	.55	53	.02	2	.78	.03	.09	1	405	-
E 57393	4	70	3	44	.5	2	5	805	1.97	2	5	ND	1	91	1	2	2	14	2.04	.054	7	2	.51	80	.05	2	.90	.06	.12	2	750	-
E 57394	1	196	8	35	4.7	3	98	654	5.66	3	5	16	1	90	1	2	2	11	1.79	.045	5	3	.40	63	.02	2	.75	.04	.12	3	15330	.382
E 57395	1	31	4	33	1.7	1	8	674	2.69	3	5	4	1	70	1	2	2	10	1.95	.050	7	1	.40	72	.02	2	.73	.03	.12	2	3820	.114
E 57396	5	38	3	44	.3	2	4	795	1.82	4	5	ND	1	74	1	2	2	11	2.01	.051	6	1	.55	86	.06	3	.90	.06	.12	2	320	-
E 57397	19	7	5	32	4.8	2	10	568	4.41	3	5	9	1	62	1	2	2	13	1.61	.044	6	1	.35	114	.06	11	.94	.08	.27	1	8765	.231
E 57398	1	37	3	36	.1	2	4	793	1.79	2	5	ND	1	88	1	2	2	13	2.19	.057	7	1	.47	86	.04	2	.86	.05	.15	1	65	-
E 57399	1	27	3	49	.2	2	4	680	1.92	5	5	ND	2	73	1	2	2	20	1.14	.057	8	2	.57	182	.12	2	.99	.06	.38	2	58	-
E 57400	1	11	2	50	.1	2	5	591	1.69	2	5	ND	1	78	1	2	2	17	1.04	.061	7	2	.57	167	.12	2	1.00	.05	.30	1	21	-
E 57401	1	17	2	48	.1	3	4	605	1.69	2	5	ND	1	89	1	2	2	17	1.15	.057	7	1	.55	167	.12	2	.96	.05	.33	1	34	-
E 57402	19	17	6	43	.8	1	5	679	1.79	2	5	ND	1	78	1	2	2	15	1.61	.053	7	3	.47	104	.06	2	.83	.05	.16	1	810	-
E 57403	1	12	4	47	.1	3	4	760	1.86	2	5	ND	2	101	1	2	2	17	1.57	.052	7	2	.54	154	.08	3	.94	.06	.25	1	12	-
E 57404	2	12	2	45	.1	2	4	649	1.68	2	5	ND	2	80	1	2	2	16	1.38	.052	7	2	.49	122	.08	3	.87	.05	.22	1	161	-
E 57405	1	5	7	45	.1	4	4	594	1.53	2	5	ND	2	81	1	2	3	15	1.26	.054	8	1	.48	124	.09	5	.86	.05	.19	1	63	-
E 57406	1	18	4	42	.2	3	6	563	1.37	2	5	ND	2	87	1	2	2	11	1.24	.056	8	2	.45	94	.08	4	.85	.06	.15	1	200	-
E 57407	1	11	2	53	.1	1	5	599	1.81	3	5	ND	2	106	1	2	2	20	.78	.056	8	2	.58	213	.14	2	1.07	.07	.42	1	4	-
E 57408	1	7	6	53	.1	3	5	671	2.16	2	5	ND	2	87	1	2	2	26	.63	.056	8	3	.59	234	.16	4	1.15	.09	.52	1	25	-
E 57409	1	11	2	46	.1	1	5	679	1.89	3	5	ND	1	68	1	2	2	21	1.08	.057	7	1	.53	192	.13	2	.94	.06	.42	1	50	-
E 57410	2	10	2	48	.3	2	5	675	1.88	2	5	ND	2	67	1	2	2	18	1.16	.056	7	1	.54	157	.10	2	.88	.05	.28	1	440	-
E 57411	1	4	6	49	.1	2	4	695	1.87	3	5	ND	2	77	1	2	2	18	1.34	.056	7	1	.56	142	.10	2	.93	.05	.25	1	126	-
E 57412	1	7	2	49	.1	1	4	640	1.87	2	5	ND	2	76	1	2	2	22	.91	.054	8	1	.54	213	.13	2	.97	.06	.39	1	13	-
E 57413	1	10	9	43	.1	1	5	654	1.87	4	5	ND	2	123	1	2	2	19	1.42	.056	8	1	.51	146	.09	2	.96	.05	.23	1	8	-
E 57414	1	16	4	47	.2	3	5	692	1.79	3	5	ND	1	87	1	2	2	17	1.51	.055	7	1	.52	155	.10	2	.90	.05	.29	1	215	-
E 57415	1	5	6	55	.1	1	5	681	2.02	3	5	ND	2	93	1	2	2	23	.78	.059	8	2	.59	233	.15	2	1.07	.07	.47	1	18	-
E 57416	3	3	5	39	.2	1	3	931	1.60	6	5	ND	1	92	1	2	2	12	2.40	.058	8	1	.49	109	.04	2	.80	.07	.19	1	260	-
E 57417	1	7	6	54	.2	1	5	669	2.10	3	5	ND	2	74	1	2	2	24	.61	.055	8	2	.57	226	.15	6	1.05	.08	.49	1	4	-
E 57418	1	5	2	50	.1	2	5	695	2.16	2	5	ND	2	109	1	2	2	25	.84	.058	7	3	.58	223	.14	2	1.07	.07	.44	1	39	-
E 57419	1	8	4	54	.1	1	5	731	2.33	2	5	ND	2	91	1	2	2	28	.70	.054	8	2	.61	250	.16	2	1.13	.09	.53	1	1	-
STD C/AU-R	18	58	43	132	7.1	71	27	1055	4.05	41	18	7	36	50	17	18	22	55	.46	.087	38	59	.85	175	.08	32	1.93	.06	.13	12	515	-

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	SR 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	AU** OZ/T
E 57420	1	5	2	45	.1	1	4	595	1.58	2	5	ND	1	115	1	2	3	19	1.00	.054	6	2	.54	186	.12	2	.84	.05	.33	2	33	-
E 57421	1	44	2	43	.1	1	4	732	1.71	3	5	ND	1	68	1	2	2	16	1.57	.056	7	1	.51	169	.09	6	.80	.05	.26	2	250	-
E 57422	1	14	2	46	.1	1	4	702	1.66	3	5	ND	1	80	1	2	2	17	1.68	.055	7	2	.52	160	.08	3	.96	.04	.26	1	49	-
E 57423	1	24	3	44	.1	1	4	714	1.73	2	5	ND	1	76	1	2	2	17	1.87	.057	8	2	.51	140	.07	2	.86	.04	.24	1	172	-
E 57424	1	14	7	45	.1	1	4	627	1.61	2	5	ND	1	77	1	2	2	16	1.43	.056	7	1	.50	138	.10	2	.79	.04	.22	1	59	-
E 57425	1	12	9	45	.1	1	5	559	1.67	4	5	ND	1	75	1	2	2	19	.90	.060	7	2	.51	182	.13	2	.84	.05	.34	1	11	-
E 57426	1	15	5	43	.1	1	4	569	1.72	4	5	ND	1	63	1	2	2	21	.79	.055	7	2	.51	202	.13	2	.81	.06	.42	1	245	-
E 57427	3	5	2	44	.1	1	5	610	1.73	2	5	ND	1	70	1	2	2	20	.96	.056	7	1	.50	201	.13	2	.80	.05	.37	1	74	-
E 57428	1	12	10	43	1.2	1	7	637	2.66	3	5	3	1	66	1	2	2	17	1.18	.053	6	1	.49	112	.11	2	.74	.04	.30	1	3120	.084
E 57429	1	14	5	39	.1	43	4	926	1.67	5	5	ND	1	112	1	2	2	15	2.56	.056	6	86	.47	97	.07	2	.70	.04	.15	1	139	-
E 57430	1	15	2	44	.1	1	4	729	1.63	2	5	ND	2	89	1	2	2	17	1.54	.051	6	2	.52	153	.11	2	.78	.04	.27	1	38	-
E 57431	1	7	7	47	.1	2	5	566	1.76	4	5	ND	2	62	1	2	2	22	.69	.058	8	1	.53	208	.14	6	.85	.06	.41	1	99	-
E 57432	1	7	4	45	.1	1	4	553	1.68	6	5	ND	2	68	1	2	2	21	.80	.056	7	2	.51	191	.13	4	.85	.06	.36	1	108	-
E 57433	1	31	11	45	.1	1	5	661	1.66	3	5	ND	1	69	1	2	2	18	1.30	.057	6	2	.52	162	.11	2	.75	.04	.29	1	155	-
E 57434	2	56	2	45	.1	1	4	640	1.58	4	5	ND	1	101	1	2	2	16	1.41	.059	7	2	.51	125	.10	3	.76	.04	.20	1	172	-
E 57435	135	9	11	30	.5	1	2	1664	1.24	4	5	ND	1	153	1	3	2	7	5.13	.049	5	1	.46	52	.01	3	.56	.02	.08	1	660	-
E 57436	3	14	10	48	.1	1	4	796	1.83	2	5	ND	1	75	1	2	2	18	1.82	.060	8	2	.56	94	.07	2	.82	.04	.13	1	32	-
E 57437	1	8	6	47	.1	1	5	718	1.86	2	5	ND	2	75	1	3	2	20	1.30	.059	7	2	.56	145	.10	2	.82	.04	.25	1	28	-
E 57438	2	15	11	27	.2	1	4	835	1.53	4	5	ND	3	65	1	3	2	9	2.34	.060	7	1	.44	78	.02	5	.73	.03	.15	1	192	-
E 57439	1	10	8	42	.1	1	4	856	1.72	3	5	ND	1	78	1	2	2	12	2.21	.057	7	1	.55	57	.05	2	.85	.04	.10	2	12	-
E 57440	1	17	5	45	.1	1	5	599	1.48	2	5	ND	2	86	1	2	2	14	1.30	.056	7	1	.54	71	.08	2	.84	.04	.11	1	1	-
E 57441	1	4	2	48	.1	1	4	603	1.61	2	5	ND	1	85	1	2	2	18	1.18	.057	8	1	.55	161	.12	2	.90	.05	.31	1	1	-
STD C/AU-R	19	58	41	129	7.5	70	31	1054	3.94	44	19	8	40	53	19	19	23	58	.49	.082	41	62	.88	176	.09	36	1.85	.06	.14	10	520	-

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 14 1987 DATE REPORT MAILED: Dec 16/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

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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	SR 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 57442	1	83	3	99	.1	3	11	961	5.18	4	5	ND	3	25	1	2	2	72	.40	.099	13	5	1.66	496	.35	2	2.24	.07	1.56	1	2
E 57443	1	31	2	50	.1	1	5	603	2.75	3	5	ND	5	49	1	2	2	30	.35	.066	17	1	.62	180	.17	2	.97	.07	.59	1	18
E 57444	3	52	2	90	.1	15	14	971	4.42	4	5	ND	4	16	1	2	2	87	.57	.098	12	39	1.86	326	.32	2	2.25	.06	1.57	1	1
E 57445	3	86	3	68	.1	12	16	719	3.64	2	5	ND	1	22	1	2	2	82	.93	.071	8	9	1.63	302	.24	2	1.87	.06	1.04	1	1
E 57446	1	113	2	52	.2	13	12	540	2.92	2	5	ND	4	21	1	2	2	63	.72	.064	9	23	1.02	209	.21	2	1.19	.08	.67	1	2
E 57447	1	46	5	88	.1	1	5	726	3.11	6	5	ND	6	9	1	2	2	24	.32	.074	23	4	1.00	176	.22	2	1.30	.06	1.10	1	1
E 57448	1	59	2	72	.1	2	4	572	2.49	2	5	ND	5	10	1	2	2	14	.40	.053	21	7	.64	133	.16	2	.92	.05	.69	1	4
E 57449	1	14	2	58	.1	1	3	575	2.34	2	5	ND	5	10	1	2	2	13	.30	.051	20	1	.58	126	.14	2	.79	.07	.61	1	2
E 57450	1	10	2	33	.1	1	3	414	1.93	2	5	ND	7	12	1	2	2	8	.30	.033	23	1	.39	77	.09	2	.56	.06	.36	2	1
E 57451	1	14	2	33	.1	1	4	495	1.86	3	5	ND	7	27	1	2	2	11	1.05	.049	25	1	.55	72	.08	2	.69	.07	.26	1	1
E 57452	1	15	2	41	.1	1	5	652	2.78	3	5	ND	5	15	1	2	2	26	.60	.065	22	1	.75	155	.17	5	1.00	.07	.76	1	1
E 57453	1	20	4	59	.1	2	9	719	3.60	2	5	ND	5	15	1	2	2	56	.51	.063	21	1	1.10	183	.24	2	1.43	.07	1.10	1	1
E 57454	1	18	2	66	.1	1	5	742	2.97	4	5	ND	5	12	1	2	3	18	.56	.051	20	2	.74	127	.17	2	1.00	.07	.82	1	2
E 57455	1	23	3	82	.1	1	4	796	2.90	2	5	ND	5	22	1	2	4	14	.50	.063	21	1	.72	144	.17	2	1.00	.06	.67	1	1
E 57456	1	42	13	91	.1	1	5	808	3.10	2	5	ND	5	8	1	2	2	18	.31	.054	14	2	1.09	150	.21	2	1.42	.06	1.17	1	1
E 57457	2	13	7	64	.3	1	5	681	3.07	2	5	ND	6	6	1	2	3	27	.20	.038	15	1	.86	152	.21	2	1.16	.06	.92	1	1
E 57458	1	11	2	77	.1	1	4	622	2.54	3	5	ND	6	10	1	2	2	16	.18	.033	14	1	.62	122	.17	2	.91	.07	.72	1	1
E 57459	2	13	2	69	.1	1	4	764	2.89	3	5	ND	6	11	1	2	2	17	.25	.051	17	1	.70	165	.20	3	1.06	.06	.84	1	2
E 57460	8	43	5	31	.1	1	3	271	2.72	2	5	ND	9	7	1	2	2	2	.21	.014	35	1	.09	33	.03	2	.28	.07	.14	1	2
E 57461	6	26	2	77	.1	2	6	825	2.99	4	5	ND	5	9	1	2	2	23	.59	.064	17	2	.91	189	.20	2	1.30	.06	1.05	1	4
E 57462	1	11	2	59	.1	2	3	539	2.46	3	5	ND	6	5	1	2	3	11	.16	.022	14	2	.67	119	.16	2	.95	.07	.78	1	17
E 57463	1	14	2	70	.2	1	5	635	2.75	2	5	ND	7	6	1	2	2	21	.20	.033	13	2	.80	140	.19	2	1.10	.06	.92	1	1
E 57464	5	46	2	94	.1	4	8	646	3.28	2	5	ND	6	15	1	2	4	29	.53	.045	12	6	1.10	94	.15	2	1.35	.05	.72	1	129
E 57465	1	13	2	41	.1	1	3	544	1.97	2	5	ND	7	17	1	2	2	10	.70	.040	17	1	.53	93	.12	3	.72	.06	.56	1	15
E 57466	1	7	2	35	.1	1	3	413	2.28	2	5	ND	7	10	1	2	2	9	.34	.034	16	2	.48	100	.13	2	.71	.06	.57	1	8
E 57467	1	15	4	60	.1	1	4	601	2.28	4	5	ND	5	14	1	2	2	15	.37	.041	15	2	.56	124	.15	3	.83	.05	.62	1	1
E 57468	1	15	2	90	.2	2	6	701	2.79	2	5	ND	5	53	1	2	3	24	.45	.053	20	3	.68	242	.19	3	1.07	.05	.76	1	1
E 57469	1	23	2	93	.1	2	6	856	3.04	2	5	ND	6	33	1	2	5	26	.90	.055	29	3	.84	186	.19	2	1.19	.04	.83	1	1
E 57470	1	45	5	84	.1	38	23	938	5.63	11	5	ND	2	233	1	2	2	87	3.75	.116	23	45	1.79	31	.29	3	3.16	.42	.06	1	10
E 57471	1	84	2	116	.1	10	14	1052	4.83	2	5	ND	4	30	1	2	2	73	1.18	.070	15	12	1.71	273	.28	2	2.34	.05	1.20	1	56
E 57472	1	75	3	75	.1	5	13	1013	3.89	2	5	ND	2	205	1	2	2	57	2.05	.079	9	6	1.27	211	.15	2	1.84	.05	.59	1	103
E 57473	2	28	2	49	.2	4	9	1001	2.89	3	5	ND	1	117	1	2	3	34	2.88	.079	9	2	.94	123	.09	2	1.40	.04	.30	1	40
E 57474	1	12	3	48	.1	3	8	703	2.75	3	5	ND	1	145	1	2	2	37	1.73	.077	8	3	.78	167	.10	4	1.47	.04	.35	1	1
E 57475	1	13	2	45	.1	2	8	644	2.41	2	5	ND	1	253	1	2	2	32	1.42	.071	7	3	.76	170	.12	2	1.25	.05	.27	1	1
E 57476	13	992	6	25	11.5	5	100	736	13.69	8	5	35	1	61	1	2	163	8	2.65	.036	4	1	.31	38	.01	2	.47	.02	.10	3	26800
E 57477	1	12	2	46	.1	2	8	680	2.65	2	5	ND	2	98	1	2	2	37	1.61	.079	9	2	.77	143	.13	3	1.21	.06	.33	2	40
STD C/AU-R	20	62	37	131	7.5	70	30	1094	4.25	44	23	8	39	55	19	18	23	61	.48	.088	42	60	.85	180	.06	38	1.85	.06	.13	12	485

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	SR 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 57478	1	4	6	63	.1	2	9	900	3.14	2	5	ND	2	105	1	2	2	36	2.49	.078	11	1	.93	57	.06	2	1.40	.05	.10	1	21
E 57479	1	5	2	35	.4	2	6	1035	2.46	2	5	ND	3	111	1	2	2	16	4.36	.088	21	1	.27	47	.01	15	.74	.03	.13	2	670
E 57480	1	27	6	33	.1	3	6	1011	2.33	3	5	ND	3	325	1	2	2	23	4.29	.075	17	1	.45	145	.01	2	1.56	.03	.17	2	12
E 57481	1	11	2	38	.1	3	7	838	2.25	4	5	ND	2	246	1	2	2	22	3.36	.079	14	1	.60	97	.02	3	1.43	.03	.10	1	16
E 57482	1	35	4	54	.1	3	7	1028	2.62	2	5	ND	4	247	1	2	2	27	3.87	.085	18	1	.80	104	.01	6	1.64	.03	.12	1	166
E 57483	8	95	2	42	.1	2	6	1249	2.19	2	5	ND	2	212	1	2	2	26	4.25	.083	16	1	.71	106	.05	12	1.23	.04	.14	2	66
E 57484	1	25	5	51	.1	2	9	984	3.11	3	5	ND	1	209	1	2	4	34	2.63	.084	8	2	.91	94	.06	34	1.44	.06	.13	1	30
E 57485	1	24	2	47	.1	2	8	945	2.54	3	5	ND	1	125	1	2	2	21	3.26	.069	9	2	.76	54	.03	7	1.13	.04	.12	3	10
E 57486	1	41	2	50	.1	3	8	1008	2.71	5	5	ND	2	144	1	2	2	24	2.99	.075	9	1	.87	56	.01	11	1.44	.03	.09	1	46
E 57487	1	47	2	44	.1	3	7	876	2.70	2	5	ND	2	129	1	2	2	30	2.78	.077	11	1	.80	78	.08	15	1.18	.06	.17	1	15
E 57488	1	35	2	51	.1	3	7	697	2.79	2	5	ND	3	55	1	2	2	40	.80	.057	14	5	.77	217	.17	2	1.24	.11	.75	1	16
E 57489	1	61	3	55	.1	18	13	601	3.03	2	5	ND	1	18	1	2	3	81	1.07	.069	10	42	1.30	76	.23	2	1.45	.12	.98	1	7
E 57490	4	24	2	26	.1	2	5	391	2.04	2	5	ND	8	13	1	2	2	14	.30	.040	23	2	.38	68	.11	2	.61	.08	.41	1	4
E 57491	1	12	2	67	.1	1	4	660	2.52	2	5	ND	9	9	1	3	2	17	.34	.047	27	1	.52	92	.14	6	.77	.07	.59	1	1
E 57492	1	36	2	70	.1	1	5	627	2.52	2	5	ND	5	40	1	2	2	23	.56	.049	20	2	.52	142	.14	7	.83	.09	.57	1	4
E 57493	1	34	2	101	.1	4	6	756	2.56	2	5	ND	5	21	1	3	2	30	.56	.039	20	5	.76	125	.15	2	1.01	.07	.80	2	3
E 57494	1	11	2	38	.1	1	4	523	2.27	3	5	ND	8	19	1	3	2	13	.42	.038	24	1	.37	58	.09	4	.60	.06	.43	2	13
E 57495	1	8	2	38	.1	2	4	493	2.45	2	5	ND	9	14	1	2	2	15	.33	.041	29	1	.38	66	.10	18	.63	.07	.45	1	6
E 57496	1	10	2	35	.1	1	4	483	2.39	2	5	ND	8	14	1	5	2	10	.35	.042	26	2	.43	74	.10	5	.67	.06	.51	1	1
E 57497	1	17	3	58	.1	2	5	503	2.47	2	5	ND	8	18	1	2	2	26	.57	.040	24	4	.58	83	.11	2	.78	.07	.52	1	11
E 57498	2	36	2	68	.1	45	14	687	3.50	2	5	ND	5	39	1	2	2	51	1.22	.072	17	58	1.35	105	.23	3	1.62	.06	1.04	1	1
E 57499	1	7	2	29	.1	1	4	324	2.08	2	5	ND	8	10	1	3	2	8	.29	.030	19	1	.30	78	.09	17	.55	.08	.37	1	1
E 57500	1	14	2	45	.1	1	2	828	2.29	2	5	ND	4	63	1	3	2	14	1.65	.037	18	1	.31	80	.09	37	.59	.08	.31	2	1
E 57501	18	203	2	24	.1	4	9	385	3.14	6	5	ND	5	5	1	2	2	6	.14	.024	11	1	.27	52	.04	2	.51	.05	.26	1	2
E 57502	2	30	3	146	.1	7	10	1136	3.04	2	5	ND	4	27	1	2	3	60	1.00	.060	11	6	1.17	233	.24	16	1.57	.06	1.16	1	1
E 57503	2	16	2	31	.1	3	4	396	1.57	2	5	ND	7	9	1	2	2	8	.33	.027	19	4	.31	73	.07	5	.53	.07	.39	1	1
E 57504	2	11	2	52	.1	2	4	526	2.21	2	5	ND	7	12	1	3	3	9	.42	.035	26	1	.48	110	.11	19	.73	.07	.59	1	117
E 57505	2	11	5	42	.1	2	3	441	2.26	2	5	ND	7	12	1	2	2	7	.35	.033	24	1	.36	95	.09	2	.59	.07	.46	1	10
E 57506	2	15	3	49	.1	2	4	571	2.29	2	5	ND	7	14	1	2	2	14	.32	.029	24	4	.45	81	.09	16	.63	.07	.48	1	3
E 57507	2	33	2	44	.1	2	3	388	1.86	2	5	ND	8	31	1	2	2	11	.45	.038	25	2	.31	64	.09	3	.57	.08	.32	1	1
E 57508	2	52	6	96	.1	5	7	690	2.37	2	5	ND	6	20	1	2	4	44	.77	.053	16	2	.93	185	.17	2	1.27	.07	.93	1	1
E 57509	1	7	2	77	.1	4	4	754	1.66	2	5	ND	6	32	1	2	3	36	1.90	.050	16	1	.73	102	.14	5	.93	.08	.64	1	1
E 57510	1	94	4	166	.1	8	16	1081	4.04	2	5	ND	3	45	1	2	4	105	1.56	.103	11	2	1.52	145	.26	2	1.93	.12	1.40	1	4
E 57511	1	32	2	52	.1	2	6	425	2.04	2	5	ND	9	16	1	2	2	16	.34	.031	22	2	.44	73	.11	5	.63	.10	.46	1	1
E 57513	2	16	2	40	.1	2	2	419	1.46	2	5	ND	9	27	1	3	3	8	.53	.038	23	2	.34	84	.08	16	.56	.07	.34	2	7
STD C/AU-R	21	63	37	133	7.1	72	31	1124	4.30	44	16	8	40	48	20	16	23	54	.47	.089	37	60	.88	183	.09	38	1.86	.07	.15	13	490

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	SR 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 57514	2	51	2	44	.1	1	2	402	1.57	2	5	ND	8	19	1	2	2	7	.42	.032	27	1	.25	51	.10	2	.47	.09	.23	2	7
E 57515	2	9	2	38	.1	2	4	411	2.51	2	5	ND	8	13	1	2	2	7	.33	.031	19	1	.29	68	.09	4	.50	.09	.30	2	4
E 57516	1	295	3	67	.3	3	22	738	4.74	3	5	ND	4	23	1	2	4	90	.50	.064	13	2	1.23	251	.29	2	1.52	.11	.94	1	2
E 57517	2	86	2	58	.1	1	4	625	2.85	2	5	ND	7	11	1	2	3	17	.43	.058	27	1	.86	138	.19	2	1.08	.08	.85	1	3
E 57518	1	11	2	49	.1	2	4	624	2.62	2	5	ND	10	11	1	2	2	18	.30	.059	28	1	.76	166	.18	3	.98	.08	.77	1	5
E 57519	1	18	2	76	.2	37	9	772	3.07	4	5	ND	11	9	1	2	5	50	.54	.053	20	93	1.64	197	.25	2	1.62	.09	1.27	1	5
E 57520	1	39	2	108	.2	39	19	885	4.82	3	5	ND	4	12	1	2	2	142	.88	.070	7	104	2.21	269	.35	3	2.18	.08	1.60	1	1
E 57521	1	35	6	63	.1	2	4	549	2.26	3	5	ND	8	8	1	2	2	16	.27	.043	28	1	.70	152	.18	3	.92	.09	.71	1	3
E 57522	1	14	6	73	.1	3	4	723	2.56	2	5	ND	8	7	1	2	2	24	.37	.045	25	4	.82	194	.21	4	1.05	.09	.83	1	3
E 57523	1	30	3	94	.1	2	5	937	3.42	4	5	ND	4	10	1	2	4	17	.33	.061	21	1	1.07	152	.24	2	1.32	.09	1.09	1	1
E 57524	1	35	2	59	.1	1	5	726	3.26	5	5	ND	4	11	1	2	2	11	.30	.041	21	1	.63	115	.18	3	.88	.08	.71	1	1
E 57525	1	8	2	48	.1	1	4	710	2.88	2	5	ND	6	8	1	2	2	13	.24	.051	26	1	.65	128	.19	2	.87	.07	.72	2	2
E 57526	1	76	9	175	.2	56	20	1390	5.79	7	5	ND	3	13	1	2	5	87	.75	.102	10	71	2.70	476	.50	5	2.86	.05	2.10	1	1
E 57527	4	272	6	51	.3	27	41	457	4.01	5	5	ND	3	36	1	2	4	24	.39	.032	6	18	.82	78	.17	2	1.02	.08	.56	1	6
E 57529	1	39	2	73	.1	56	18	701	3.22	7	5	ND	1	40	1	2	2	56	1.01	.099	7	51	1.91	381	.33	2	1.91	.11	1.24	1	1
E 57529	1	10	3	37	.2	3	6	520	2.41	2	5	ND	3	57	1	2	2	38	.76	.071	9	1	.60	173	.16	2	.94	.11	.41	1	2
E 57530	1	5	2	48	.2	2	7	581	2.37	2	5	ND	3	82	1	2	2	32	.93	.065	11	3	.77	159	.16	2	1.07	.08	.37	1	1
E 57531	3	80	4	65	.2	1	5	664	2.41	2	5	ND	9	12	1	2	2	11	.48	.046	23	1	.47	97	.14	2	.65	.08	.42	1	6
E 57532	1	39	2	12	.1	2	1	215	.58	2	5	ND	2	11	1	2	2	3	.31	.012	9	2	.08	15	.03	4	.16	.03	.07	1	1
E 57533	2	58	2	39	.1	1	6	499	2.07	4	5	ND	8	19	1	2	2	7	.41	.032	20	1	.27	57	.09	2	.52	.06	.29	2	1
E 57534	1	7	2	49	.1	2	7	718	2.55	4	5	ND	1	151	1	2	2	36	1.36	.068	7	2	.85	163	.15	2	1.21	.06	.37	1	30
E 57535	16	6	3	36	1.1	2	16	1129	3.22	12	5	2	1	135	1	2	2	22	6.30	.049	5	3	.66	59	.04	3	1.31	.03	.12	2	1150
E 57536	1	63	3	60	.2	2	8	1078	3.50	3	5	ND	1	94	1	2	2	48	2.60	.076	7	1	1.19	176	.14	2	1.54	.06	.43	1	8
E 57537	1	14	4	54	.1	2	8	744	2.71	5	5	ND	1	103	1	2	2	34	1.92	.078	7	2	.98	81	.13	2	1.34	.05	.17	1	1
E 57538	1	16	4	56	.1	4	7	847	3.08	4	5	ND	1	94	1	2	2	37	1.98	.067	8	3	1.08	114	.12	3	1.44	.06	.26	1	1
E 57539	1	35	2	38	.1	1	15	980	2.61	6	5	ND	2	121	1	2	3	26	4.18	.068	7	2	.77	51	.09	2	.99	.04	.12	2	10
E 57540	1	6	2	48	.1	4	8	643	2.62	5	5	ND	2	91	1	2	2	41	1.11	.064	10	3	.91	187	.18	3	1.36	.11	.50	1	6
E 57541	1	9	5	59	.1	2	10	1063	3.53	3	5	ND	2	154	1	2	2	38	3.17	.083	11	1	1.12	60	.05	2	1.47	.04	.14	1	1
E 57542	1	9	3	60	.1	1	9	1055	3.79	5	5	ND	2	112	1	2	3	44	2.75	.081	12	1	1.15	60	.06	7	1.53	.05	.11	1	1
E 57543	1	18	2	55	.2	3	9	855	3.19	2	5	ND	2	71	1	2	5	42	1.76	.082	9	2	1.01	90	.13	4	1.30	.06	.19	1	2
E 57544	3	23	2	54	.5	2	11	1129	3.35	2	5	ND	1	83	1	2	2	33	2.95	.084	8	2	.98	101	.10	4	1.21	.05	.21	1	3
E 57545	1	22	2	56	.1	2	8	739	3.22	2	5	ND	5	75	1	2	2	42	1.31	.077	26	3	.91	155	.17	2	1.23	.08	.33	1	1
E 57546	1	45	7	92	.2	1	10	819	4.18	2	5	ND	6	21	1	2	2	69	.66	.074	23	1	1.29	372	.26	3	1.64	.06	1.11	1	31
E 57547	1	8	4	26	1.1	2	5	419	1.45	2	5	2	5	24	1	3	2	7	.89	.050	20	1	.44	52	.01	3	.56	.04	.12	1	1180
STD C/AU-R	20	63	42	132	7.2	71	31	1091	4.31	42	21	7	39	55	20	16	21	61	.47	.087	40	59	.94	181	.07	36	1.84	.06	.15	15	500

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 16 1987 DATE REPORT MAILED: Dec 21/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

CATHEDRAL GOLD PROJECT-4544 File # 87-6222 Page 1

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	SR 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 57548	1	11	3	107	.2	32	10	1187	3.45	2	5	ND	7	19	1	2	2	61	1.32	.068	18	102	2.23	164	.24	2	2.32	.06	1.55	1	3
E 57549	1	21	3	52	.2	4	6	572	2.44	2	5	ND	5	39	1	2	2	34	.63	.053	7	4	.76	169	.16	2	1.08	.10	.60	1	1
E 57550	1	44	2	77	.2	2	5	934	2.87	2	5	ND	5	34	1	2	2	24	.76	.048	14	3	.81	242	.17	2	1.14	.08	.75	1	3
E 57551	1	34	3	94	.2	17	8	1096	3.11	2	5	ND	5	39	1	2	2	27	2.21	.069	17	15	1.04	120	.09	2	.79	.05	.44	1	1
E 57552	1	14	2	49	.1	19	7	1385	2.25	3	5	ND	4	22	1	2	2	23	3.45	.045	17	15	.64	77	.07	2	.98	.04	.44	1	1
E 57553	1	26	7	71	.2	2	4	650	2.46	4	5	ND	7	15	1	2	2	12	.82	.034	21	1	.65	126	.14	2	.96	.06	.71	1	4
E 57554	1	27	3	117	.2	5	4	846	2.47	2	5	ND	8	18	1	2	2	17	1.34	.046	22	14	.66	80	.09	2	.93	.06	.57	1	30
E 57555	1	13	2	101	.4	6	4	694	2.47	2	5	ND	9	16	1	2	2	20	.87	.036	21	14	.77	109	.13	2	1.05	.06	.77	1	86
E 57556	4	40	4	125	.4	5	5	857	2.87	2	5	ND	8	14	1	2	2	25	.83	.046	23	10	.95	155	.18	2	1.30	.06	1.03	1	11
E 57557	7	68	3	89	.3	3	10	919	3.68	3	5	ND	7	30	1	2	2	52	1.51	.039	21	6	1.15	172	.17	2	1.52	.07	.89	1	107
E 57558	2	21	2	26	.6	1	2	1420	1.58	3	5	ND	9	90	1	2	2	5	3.65	.034	29	1	.30	23	.01	2	.35	.06	.07	1	250
E 57559	1	16	2	49	.1	2	4	613	2.64	2	5	ND	8	21	1	2	2	15	.81	.045	25	4	.55	86	.10	2	.76	.07	.54	1	1
E 57560	1	132	4	289	.3	4	7	749	3.37	2	5	ND	8	19	3	2	2	26	.66	.042	20	6	.73	89	.13	2	.94	.06	.65	1	1
E 57561	2	23	2	129	.2	1	2	697	2.44	2	5	ND	11	10	1	2	2	9	.29	.034	26	2	.44	59	.12	2	.67	.07	.52	1	1
E 57562	1	5	2	36	.1	1	5	329	3.17	2	5	ND	3	29	1	2	2	24	.64	.082	12	1	.56	159	.15	2	.79	.10	.42	2	1
E 57563	1	190	2	55	.3	8	22	588	4.21	2	5	ND	5	65	1	2	2	60	1.13	.087	12	11	1.17	310	.21	2	1.59	.13	.71	1	1
E 57564	1	11	2	43	.1	2	5	442	3.05	2	5	ND	5	32	1	2	2	39	.56	.066	15	3	.56	237	.16	2	.79	.10	.48	2	1
E 57565	1	27	2	25	.2	1	9	442	2.57	2	5	ND	5	36	1	2	2	14	1.37	.070	13	1	.64	58	.09	2	.78	.08	.22	1	164
E 57566	1	4	2	3	.1	1	1	108	.50	2	5	ND	4	8	1	2	2	1	.41	.009	4	2	.06	4	.01	2	.11	.03	.02	1	3
E 57567	1	24	2	24	.3	1	5	340	2.39	2	5	ND	5	28	1	2	2	14	.93	.062	12	1	.58	86	.11	2	.73	.07	.31	1	1
E 57568	1	25	4	35	.2	1	6	472	2.54	2	5	ND	3	55	1	2	2	16	1.25	.064	9	1	.57	43	.08	2	.74	.08	.11	2	3
E 57569	1	26	2	25	.2	1	9	287	2.67	2	5	ND	4	32	1	2	2	13	.59	.065	11	1	.50	95	.10	2	.64	.10	.25	2	1
E 57570	1	7	2	25	.2	3	4	295	2.37	2	5	ND	4	26	1	2	2	19	.53	.059	13	4	.57	131	.13	2	.77	.09	.44	1	1
E 57571	1	16	4	64	.1	2	9	797	3.92	2	5	ND	2	117	1	2	2	55	1.95	.146	7	2	1.06	26	.12	2	1.53	.11	.07	1	4
E 57572	1	179	2	75	.2	4	12	855	4.47	3	5	ND	1	135	1	2	2	63	2.19	.164	7	2	1.26	26	.14	2	1.75	.11	.05	1	5
E 57573	1	35	7	56	.1	13	11	690	3.60	2	5	ND	2	119	1	2	2	53	1.72	.141	6	17	1.00	34	.16	2	1.51	.16	.08	1	1
E 57574	1	45	5	66	.1	10	13	866	3.66	2	5	ND	1	168	1	2	2	49	2.15	.141	6	17	1.31	31	.13	2	1.97	.13	.06	1	2
E 57575	1	43	5	111	.7	18	15	1730	6.05	4	5	ND	1	159	1	3	2	78	4.13	.132	4	54	2.30	24	.13	2	2.89	.06	.05	1	620
E 57576	1	181	3	79	.7	4	12	1055	4.27	2	5	ND	1	197	1	2	2	56	2.90	.144	5	5	1.42	28	.12	2	2.04	.10	.06	1	440
E 57577	1	17	5	75	27.0	3	12	1152	5.86	2	5	32	2	196	1	2	8	61	3.55	.125	5	2	1.35	39	.11	2	1.94	.09	.09	1	32000
E 57578	1	16	2	61	.5	2	10	865	3.87	2	5	ND	1	156	1	2	2	57	2.35	.143	6	2	1.14	31	.13	2	1.81	.13	.07	1	270
E 57579	1	26	7	50	.3	2	9	599	3.17	2	5	ND	2	153	1	2	2	48	1.88	.149	7	2	.86	47	.13	2	1.55	.15	.10	2	14
E 57580	1	25	6	44	.2	2	8	534	3.10	2	5	ND	2	178	1	2	2	51	1.75	.149	7	1	.73	51	.13	2	1.58	.19	.11	1	1
E 57581	1	12	5	56	.2	2	9	714	3.46	2	5	ND	2	147	1	2	2	47	2.10	.146	6	1	1.00	31	.12	2	1.76	.15	.06	1	3
E 57582	1	9	2	51	.2	2	8	626	3.45	2	5	ND	1	169	1	2	2	49	1.91	.153	6	1	.93	44	.12	2	1.70	.15	.08	2	1
E 57583	1	12	2	54	.1	2	10	641	3.30	2	5	ND	1	180	1	2	2	44	1.96	.155	6	1	1.00	44	.13	2	1.80	.16	.08	1	1
STD C/AU-R	18	58	42	132	7.7	68	28	1060	4.07	40	26	8	39	51	18	17	19	57	.48	.082	39	60	.90	178	.09	32	1.94	.07	.15	13	510

347

915

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPB	TH PPM	SR 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 57584	1	12	2	58	.3	3	9	715	3.51	2	5	ND	1	184	1	2	2	46	2.07	.159	6	2	1.10	76	.14	2	1.85	.15	.09	1	3	
E 57585	1	7	2	40	.2	2	6	551	3.01	2	5	ND	1	242	1	2	2	48	1.94	.136	6	2	.72	48	.13	9	1.61	.20	.14	2	3	
E 57586	1	7	3	63	.4	2	7	842	3.74	2	5	ND	2	183	1	2	2	54	2.31	.148	6	2	1.04	107	.16	2	1.90	.19	.37	2	1	
E 57587	1	8	4	61	.2	1	5	667	3.10	2	5	ND	1	121	1	2	2	23	1.24	.102	6	1	.60	63	.12	2	1.10	.14	.19	1	2	
E 57588	1	14	2	41	.1	2	7	485	3.22	2	5	ND	1	189	1	2	2	55	1.93	.159	7	1	.61	52	.12	22	1.75	.23	.10	2	1	02/T
E 57589	4	69	7	58	28.4	3	40	1053	10.67	2	5	143	2	204	1	2	60	44	3.91	.105	5	2	1.06	46	.08	20	1.68	.09	.10	1	128000	3,64
E 57590	1	14	2	45	.2	2	6	566	3.39	2	5	ND	1	219	1	2	2	60	2.11	.166	7	2	.70	102	.13	2	1.97	.24	.18	3	92	
E 57591	1	21	4	44	.3	2	7	576	3.50	2	5	ND	1	214	1	2	2	61	2.04	.153	8	3	.71	93	.16	2	1.94	.27	.17	1	385	
E 57592	1	18	2	70	.4	3	10	903	4.20	4	5	ND	2	242	1	2	2	58	2.31	.155	7	2	1.28	34	.12	31	2.28	.15	.06	2	9	
E 57593	1	10	4	61	.8	2	8	1092	3.85	2	5	ND	1	170	1	2	2	42	4.38	.116	6	2	1.13	34	.07	2	1.89	.07	.08	1	795	
E 57594	1	15	2	71	.2	2	9	1190	4.03	2	5	ND	1	122	1	2	2	47	3.64	.117	5	2	1.25	25	.09	2	1.95	.06	.07	1	7	
E 57595	1	9	5	67	.1	2	8	923	3.95	2	5	ND	1	214	1	2	2	53	2.45	.148	5	2	1.11	37	.11	3	1.91	.14	.07	2	4	
E 57596	1	11	2	60	.3	2	7	686	3.04	2	5	ND	1	180	1	2	2	40	1.52	.150	6	1	.75	44	.12	2	1.44	.15	.08	1	2	
E 57597	1	7	3	50	.2	2	5	623	2.63	2	5	ND	1	149	1	2	2	29	1.43	.121	5	1	.66	36	.09	2	1.21	.12	.07	2	4	
E 57598	5	17	2	54	.3	3	7	1063	3.70	2	5	ND	2	148	1	2	2	26	3.17	.090	11	3	.86	28	.07	2	1.49	.10	.07	3	425	
E 57599	1	18	3	41	1.6	9	16	918	3.82	2	5	3	3	209	1	2	2	34	4.59	.070	16	14	.92	41	.09	2	1.87	.13	.10	2	3020	0.10
E 57600	1	11	2	39	.3	1	3	927	3.03	2	5	ND	1	134	1	2	2	19	2.97	.077	5	1	.68	31	.04	2	1.17	.07	.07	2	215	
E 57601	1	14	4	61	.5	1	5	956	3.35	2	5	ND	1	140	1	2	2	21	2.14	.089	6	1	.78	35	.08	2	1.36	.09	.05	1	360	
E 57602	1	12	5	61	.4	2	5	888	3.18	2	5	ND	1	212	1	2	2	22	2.05	.091	7	1	.73	44	.07	3	1.49	.10	.06	1	235	
E 57603	1	67	3	57	.2	1	6	925	2.92	2	5	ND	1	525	1	2	2	20	2.73	.087	8	1	.63	86	.04	2	1.68	.09	.05	1	46	
E 57604	1	3	3	51	.1	1	3	585	2.53	2	5	ND	1	166	1	2	2	19	1.04	.053	5	1	.43	108	.09	2	.95	.10	.18	2	2	
E 57605	1	9	2	56	.1	1	3	661	2.76	2	5	ND	1	184	1	2	2	20	1.54	.064	7	1	.43	124	.08	2	1.19	.10	.22	1	15	
E 57606	1	10	2	56	.5	1	5	1022	3.02	2	5	ND	3	473	1	2	2	20	3.29	.098	12	1	.69	72	.03	2	1.71	.08	.09	1	16	
E 57607	1	75	7	30	5.3	2	86	639	8.01	2	5	26	2	328	1	2	15	12	3.05	.058	12	1	.44	47	.01	2	1.54	.08	.06	2	21700	0.665
E 57608	1	15	3	41	.1	1	3	642	1.99	2	5	ND	1	369	1	2	2	13	2.29	.047	6	1	.38	90	.02	2	1.37	.08	.12	2	96	
E 57609	1	10	2	56	.1	1	4	768	2.41	2	5	ND	2	437	1	2	2	16	2.37	.074	15	1	.47	101	.02	2	1.64	.09	.11	1	385	
E 57610	1	6	2	52	.6	1	3	764	2.57	2	5	ND	2	252	1	2	2	18	1.95	.071	12	1	.63	51	.03	2	1.38	.08	.05	1	375	
E 57611	1	118	5	50	.9	6	16	1131	3.23	2	5	ND	3	236	1	2	2	21	4.33	.072	15	4	.78	42	.01	2	1.63	.06	.11	1	930	
E 57612	1	45	2	56	.3	2	8	819	2.94	2	5	ND	1	159	1	2	2	24	2.29	.080	9	2	.74	63	.07	2	1.36	.08	.12	1	33	
E 57613	1	5	3	67	.1	4	8	1001	2.95	2	5	ND	1	169	1	2	2	46	2.12	.118	5	4	1.21	66	.15	2	1.68	.13	.17	1	26	
E 57614	1	63	2	48	.2	2	9	793	2.86	2	5	ND	1	143	1	2	2	24	2.14	.072	4	2	.74	59	.08	2	1.26	.09	.12	2	9	
E 57615	3	54	2	41	.1	1	5	896	2.88	2	5	ND	1	156	1	2	2	16	3.45	.084	4	1	.67	34	.03	2	1.30	.07	.08	2	84	
E 57616	1	42	2	68	.2	1	10	1029	3.81	2	5	ND	1	274	1	2	2	26	2.93	.111	9	1	.94	47	.05	4	1.91	.10	.07	2	11	
E 57617	1	19	3	95	.3	2	11	1180	5.35	2	5	ND	2	147	1	2	2	57	2.52	.134	6	1	1.50	91	.18	2	2.10	.08	.39	1	42	
E 57618	1	14	3	65	.1	1	6	834	3.57	2	5	ND	1	177	1	2	2	32	2.21	.113	9	1	.68	61	.06	2	1.56	.09	.10	1	2	
E 57619	1	168	2	45	.6	1	5	1253	3.03	5	5	ND	7	131	1	2	2	15	7.08	.109	42	1	.13	32	.01	2	1.12	.03	.10	2	130	
STD C/AU-R	19	58	41	132	7.4	67	28	1057	4.14	41	19	7	38	52	19	18	19	57	.50	.083	39	61	.92	181	.09	32	1.98	.07	.13	13	500	

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	SR 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 57620	1	94	2	20	.4	1	5	873	1.94	2	5	ND	5	83	1	2	2	9	4.22	.077	26	1	.06	43	.01	3	.50	.02	.10	1	135
E 57621	1	14	3	79	.2	1	6	1015	3.51	2	5	ND	2	121	1	2	2	26	2.14	.115	9	1	.87	42	.08	4	1.36	.08	.09	1	11
E 57622	1	13	2	58	.1	1	5	715	3.39	2	5	ND	2	119	1	2	2	32	1.38	.116	6	1	.62	74	.11	4	1.12	.15	.15	1	8
E 57623	1	29	2	57	.1	1	7	692	3.42	2	5	ND	3	130	1	2	2	34	1.28	.117	7	1	.70	83	.12	3	1.19	.15	.17	1	3
E 57624	1	11	3	65	.1	1	5	800	3.29	2	5	ND	2	133	1	2	2	28	1.54	.125	7	1	.74	54	.10	26	1.31	.15	.09	1	10
E 57625	1	6	2	66	.1	1	8	792	3.26	3	5	ND	2	119	1	2	2	25	1.61	.122	7	1	.87	56	.09	4	1.44	.11	.11	1	5
E 57626	1	6	2	48	.2	3	21	755	3.89	2	5	ND	1	74	1	2	2	41	1.96	.094	3	3	1.01	112	.10	2	1.48	.08	.44	2	16
E 57627	1	33	3	52	.3	5	10	699	2.93	2	5	ND	2	186	1	2	2	55	2.26	.149	7	5	1.10	57	.10	2	1.80	.15	.12	1	4
E 57628	1	19	2	46	.2	3	9	571	3.10	2	5	ND	2	157	1	2	2	60	1.94	.160	6	2	1.00	42	.10	2	1.64	.15	.10	1	4
STD C/AU-R	19	58	42	132	7.6	67	28	1062	4.14	44	19	8	39	48	19	17	20	58	.49	.084	39	58	.92	180	.07	32	1.96	.07	.13	12	485

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 17 1987 DATE REPORT MAILED: Dec 23/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

IMPERIAL METALS PROJECT-4544 File # 87-6232 Page 1

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	SR 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 57629	1	16	2	61	.2	3	8	865	3.30	2	5	ND	1	336	1	2	2	61	2.16	.147	8	3	.98	200	.16	21	2.08	.27	.31	1	12
E 57630	1	14	5	51	.1	3	7	720	2.81	2	5	ND	1	194	1	2	2	54	1.86	.149	6	2	.80	92	.12	19	1.72	.26	.17	1	6
E 57631	1	13	4	69	.2	3	8	851	2.85	2	6	ND	2	165	1	2	2	44	1.92	.149	6	2	1.09	73	.11	16	1.83	.19	.12	1	1
E 57632	1	9	4	63	.1	1	7	835	3.02	2	5	ND	1	177	1	2	2	39	1.76	.136	6	2	.88	104	.11	24	1.59	.19	.16	1	1
E 57633	1	18	3	62	.2	1	5	832	3.36	2	5	ND	2	160	1	2	2	34	1.56	.105	8	1	.71	173	.13	19	1.47	.20	.30	1	6
E 57634	1	9	6	83	.2	2	5	1087	3.53	2	5	ND	1	135	1	2	2	36	2.54	.120	5	3	1.23	194	.14	19	1.89	.14	.51	1	1
E 57635	1	3	3	64	.1	3	6	962	3.66	2	5	ND	1	157	1	2	2	46	1.89	.099	6	3	1.02	272	.16	12	1.83	.20	.59	1	2
E 57636	1	4	5	59	.1	1	4	747	3.12	2	5	ND	2	344	1	2	2	32	1.60	.104	7	1	.68	139	.12	15	1.79	.20	.23	1	1
E 57637	1	5	2	62	.3	1	4	796	3.28	2	5	ND	1	160	1	2	2	35	1.52	.115	6	1	.69	122	.12	14	1.43	.19	.24	1	4
E 57638	1	4	5	60	.1	1	5	849	3.51	2	5	ND	1	224	1	2	2	38	1.92	.114	6	1	.71	193	.12	10	1.66	.19	.33	1	1
E 57639	1	5	3	62	.1	1	5	909	3.49	2	5	ND	1	228	1	2	2	35	2.17	.128	6	1	.79	138	.12	17	1.70	.21	.25	1	1
E 57640	1	9	9	95	.1	2	11	861	3.40	3	5	ND	1	249	1	2	2	34	1.56	.148	5	1	1.55	89	.12	24	2.55	.18	.11	1	1
E 57641	1	2	3	80	.1	1	7	767	2.69	2	5	ND	1	160	1	2	2	19	1.44	.131	5	1	1.33	49	.08	15	2.09	.13	.07	1	2
E 57642	1	15	3	73	.1	1	7	964	3.59	2	5	ND	1	214	1	2	2	31	2.05	.144	5	1	.91	68	.10	15	1.79	.18	.09	1	5
E 57643	1	4	5	69	.2	1	7	971	3.48	2	5	ND	1	179	1	2	2	26	2.96	.142	5	1	.96	64	.08	11	1.78	.14	.15	1	2
E 57644	1	3	7	93	.1	1	7	1294	3.96	2	5	ND	1	202	1	2	2	30	4.59	.129	5	1	1.41	61	.06	15	2.32	.08	.12	1	1
E 57645	1	4	6	71	.2	1	6	863	3.43	2	6	ND	1	158	1	2	2	32	2.00	.118	5	1	.98	63	.11	14	1.62	.16	.08	1	1
E 57646	1	39	5	48	.2	14	15	545	3.06	2	5	ND	5	57	1	2	2	55	1.32	.069	11	35	1.24	128	.16	16	1.54	.15	.78	1	2
E 57647	1	56	4	97	.2	15	19	851	4.77	2	5	ND	6	47	1	2	2	123	1.06	.069	12	24	2.33	389	.26	11	3.01	.16	1.49	1	1
E 57648	1	7	4	23	.1	1	4	379	3.10	2	6	ND	7	24	1	2	2	15	.65	.067	20	1	.49	223	.12	18	.82	.12	.43	1	1
E 57649	1	26	3	47	.1	6	9	474	3.61	2	5	ND	4	40	1	2	2	55	1.02	.083	12	6	1.03	160	.15	10	1.40	.18	.59	2	1
E 57650	1	8	5	26	.1	4	5	332	2.24	2	5	ND	7	29	1	2	2	23	.67	.058	18	3	.57	73	.10	18	.85	.14	.33	1	2
E 57651	1	4	2	24	.1	2	2	516	1.62	2	5	ND	4	26	1	2	2	11	1.41	.032	8	1	.63	58	.05	13	.81	.09	.27	1	4
E 57652	1	110	2	39	.3	3	12	523	3.35	2	5	ND	4	109	1	2	2	18	1.75	.081	12	4	.91	50	.06	15	1.58	.09	.15	1	1
E 57653	1	65	2	32	.2	2	5	344	2.88	2	7	ND	5	48	1	2	2	27	.89	.081	16	1	.68	142	.09	16	1.01	.15	.27	1	3
E 57654	1	36	2	40	.3	1	7	381	3.25	2	6	ND	5	23	1	2	2	30	.81	.132	18	1	.90	159	.15	15	1.17	.13	.60	1	2
E 57655	1	79	6	80	.3	9	13	693	4.10	2	5	ND	3	64	1	2	2	79	1.17	.110	7	4	1.72	191	.17	16	2.19	.15	.77	1	1
E 57656	1	13	8	62	.1	1	10	585	4.34	2	5	ND	2	74	1	2	2	21	1.47	.134	9	1	.94	62	.09	16	1.35	.13	.12	1	8
E 57657	1	37	5	68	.1	1	8	605	4.57	2	5	ND	2	73	1	2	2	19	1.12	.133	9	1	1.09	152	.12	15	1.54	.11	.27	1	1
E 57658	1	81	4	46	.1	11	10	443	3.36	2	5	ND	3	38	1	2	2	24	.76	.086	9	19	1.06	212	.14	12	1.33	.13	.56	1	1
E 57659	1	35	3	68	.2	9	12	847	4.11	2	5	ND	2	158	1	2	2	62	2.29	.109	7	14	1.28	64	.11	10	1.89	.16	.12	1	4
E 57660	1	7	4	68	.4	4	8	1330	4.78	2	5	ND	3	121	1	2	2	69	5.22	.138	8	5	1.50	64	.08	10	1.98	.10	.16	1	3
E 57661	1	14	5	72	.4	6	13	1225	4.78	2	5	ND	2	126	1	2	2	68	3.87	.115	5	5	1.51	42	.09	8	2.09	.12	.11	1	198
E 57662	1	5	5	76	.1	10	16	1182	4.36	3	5	ND	1	121	1	2	2	69	3.95	.078	4	9	1.99	42	.09	5	2.72	.11	.11	1	2
E 57663	1	7	4	87	.2	3	11	1403	4.72	2	5	ND	3	113	1	2	2	45	4.31	.104	7	4	1.51	50	.02	6	2.07	.07	.14	1	4
E 57664	1	9	7	44	5.3	2	13	1276	3.32	4	5	5	3	136	1	2	2	26	8.68	.123	7	1	.81	61	.03	8	1.34	.04	.16	1	4810
STD C/AU-R	19	58	41	134	7.7	69	29	1051	4.14	44	19	8	39	48	19	16	21	59	.48	.086	40	60	.92	183	.07	33	1.98	.08	.14	13	495

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	SR 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 57665	1	4	2	69	.1	2	8	1273	3.43	2	5	ND	3	87	1	2	2	27	5.58	.109	9	1	1.22	59	.03	2	1.86	.06	.17	1	125
E 57666	1	6	2	68	.2	2	8	1159	4.30	2	6	ND	2	150	1	2	2	52	3.95	.139	7	1	1.16	41	.09	2	1.87	.14	.12	1	16
E 57667	1	7	2	52	.2	1	6	816	2.93	2	5	ND	1	184	1	2	2	32	3.26	.122	5	1	.82	48	.08	2	1.76	.19	.12	1	55
E 57668	1	14	2	48	.1	1	5	509	2.71	3	5	ND	1	148	1	2	2	30	1.43	.096	6	1	.63	38	.11	2	1.54	.24	.07	2	2
E 57669	1	24	2	83	.2	7	7	887	3.76	2	5	ND	3	100	1	2	2	35	1.38	.062	10	1	1.48	186	.09	2	2.19	.21	.88	1	3
E 57670	1	18	2	24	.1	4	6	326	1.38	2	5	ND	1	68	1	2	2	25	1.10	.021	5	11	.59	184	.07	2	.90	.08	.44	1	1
E 57671	1	34	2	69	.1	48	15	529	3.70	2	5	ND	3	20	1	2	2	82	.79	.072	7	113	2.19	233	.20	5	2.45	.18	1.43	1	1
E 57672	1	5	2	34	.2	1	2	562	2.37	2	5	ND	4	64	1	2	3	12	1.15	.021	10	2	.37	81	.06	2	.88	.21	.19	1	3
E 57673	1	3	2	25	.1	1	1	747	1.26	2	5	ND	2	68	1	2	2	7	1.96	.012	7	1	.31	59	.04	2	.61	.11	.20	1	1
E 57674	1	6	2	14	.1	1	1	273	1.08	2	5	ND	3	42	1	2	2	4	.62	.007	7	2	.12	49	.02	2	.37	.10	.09	1	178
E 57675	3	21	2	72	.2	5	10	879	3.53	2	5	ND	7	41	1	2	2	51	1.58	.090	21	3	1.36	158	.16	2	1.85	.10	.93	1	31
E 57676	1	492	3	92	1.3	15	17	1207	4.71	3	5	ND	3	69	1	2	2	81	3.53	.057	9	14	1.96	128	.09	2	2.58	.08	.53	1	415
E 57677	1	35	2	63	.3	18	12	946	3.47	2	6	ND	5	67	1	2	2	55	3.07	.050	15	28	1.56	40	.08	2	2.10	.13	.13	1	39
E 57678	1	39	2	78	.1	6	11	992	3.78	2	5	ND	2	149	1	2	2	51	2.42	.106	11	9	1.38	122	.08	3	2.47	.10	.23	1	8
E 57679	1	14	4	62	.3	2	6	1113	2.99	3	5	ND	2	140	1	2	2	32	3.57	.068	8	1	1.05	95	.04	2	1.83	.07	.23	1	3
E 57680	1	7	2	116	.2	11	17	1410	4.83	2	5	ND	2	71	1	2	2	93	2.42	.070	7	5	2.22	351	.20	15	3.30	.06	1.95	1	1
E 57681	1	21	6	69	.1	5	9	1128	3.24	2	5	ND	1	294	1	2	2	51	3.03	.100	5	4	1.29	114	.13	2	2.06	.15	.19	1	44
E 57682	1	67	2	63	.1	2	9	956	3.23	3	5	ND	1	120	1	2	2	46	2.49	.158	6	2	1.07	65	.07	2	1.84	.12	.10	1	13
E 57683	1	15	4	59	.4	3	7	3168	3.63	2	5	ND	1	231	1	2	2	29	7.52	.101	4	1	1.38	36	.03	2	1.74	.05	.08	1	860
E 57684	1	234	3	99	.3	27	16	1841	5.57	4	5	ND	1	145	1	2	2	75	5.02	.057	2	49	2.45	41	.11	2	3.11	.07	.09	1	164
E 57685	1	8	3	56	.2	6	7	1170	3.37	6	5	ND	1	158	1	2	2	37	3.04	.082	6	10	1.17	80	.08	2	1.80	.11	.10	1	9
E 57686	1	4	2	53	.3	1	5	716	2.85	2	5	ND	2	188	1	2	2	30	1.26	.096	8	1	.72	105	.10	2	1.46	.21	.18	1	1
E 57687	1	20	2	67	.2	1	11	870	3.20	2	6	ND	1	205	1	2	2	24	1.35	.088	7	1	.56	121	.11	4	1.43	.23	.35	1	1
E 57688	1	6	2	69	.1	1	4	867	2.84	2	5	ND	1	295	1	2	2	21	1.40	.096	8	1	.62	120	.10	2	1.58	.24	.24	1	1
E 57689	1	15	4	68	.2	1	4	701	2.19	2	5	ND	1	154	1	2	2	17	1.12	.087	7	1	.66	90	.09	2	1.32	.12	.20	1	1
E 57690	1	5	2	67	.1	1	3	846	2.82	2	5	ND	1	142	1	2	2	23	1.29	.099	7	1	.53	86	.10	2	1.33	.21	.25	1	1
E 57691	1	5	2	50	.2	1	4	933	2.74	2	5	ND	2	184	1	2	2	21	2.32	.085	7	1	.67	68	.06	2	1.19	.10	.11	2	1
E 57692	1	14	3	75	.3	1	4	1051	2.74	2	5	ND	2	203	1	2	2	16	1.95	.087	7	1	.72	79	.08	2	1.41	.15	.13	1	1
E 57693	1	5	2	64	.1	1	3	768	2.38	2	5	ND	1	93	1	2	2	18	.98	.059	5	1	.50	208	.09	2	.92	.12	.24	1	2
E 57694	1	4	2	39	.7	1	4	791	2.21	2	5	3	1	118	1	2	3	11	1.97	.048	5	1	.33	136	.04	2	.70	.10	.16	2	2370
E 57695	1	8	2	62	.1	1	3	874	2.28	2	5	ND	1	113	1	2	2	17	.93	.059	5	1	.50	206	.09	2	.98	.14	.22	1	25
E 57696	1	10	2	55	.1	1	3	928	2.25	2	5	ND	1	109	1	2	2	16	1.33	.064	5	1	.49	305	.08	2	.87	.12	.19	1	45
E 57697	1	10	2	61	.1	1	4	1024	2.49	2	5	ND	1	87	1	2	2	17	1.59	.069	5	1	.50	132	.07	2	.89	.10	.15	1	59
E 57698	1	9	4	60	.1	1	4	926	2.51	3	5	ND	2	760	1	2	2	20	2.80	.076	10	1	.51	231	.03	2	2.03	.13	.16	1	2
E 57699	1	13	2	64	.2	1	5	860	2.76	3	5	ND	2	649	1	2	2	19	2.80	.084	11	1	.49	154	.03	2	2.31	.13	.15	1	1
E 57700	1	12	2	49	.1	1	4	1439	2.42	3	5	ND	4	423	1	2	3	14	6.17	.079	27	1	.26	92	.01	2	1.85	.08	.10	2	93
STD C/AU-R	18	58	38	132	7.4	68	28	1110	4.10	44	21	8	38	47	19	18	19	57	.49	.083	39	59	.91	178	.07	32	1.95	.07	.15	12	510

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	SR 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 57701	1	14	2	67	.3	1	4	995	2.49	3	5	ND	2	131	1	2	2	14	2.40	.087	12	1	.65	298	.02	2	1.18	.07	.08	1	168
E 57702	1	6	2	71	.1	1	4	849	2.61	2	5	ND	1	118	1	2	2	16	1.55	.082	6	1	.70	43	.05	2	1.26	.10	.04	1	1
E 57703	1	31	3	68	.3	6	9	829	3.01	2	5	ND	2	182	1	2	2	39	1.56	.070	6	9	1.22	209	.13	2	1.77	.10	.44	1	240
E 57704	1	10	2	52	.1	5	7	591	2.56	2	5	ND	1	129	1	2	2	39	1.07	.076	8	9	.89	187	.12	2	1.43	.14	.35	1	1
E 57705	1	11	2	54	.1	4	7	660	2.85	2	5	ND	1	88	1	2	2	43	1.15	.074	5	8	.97	208	.13	2	1.48	.13	.46	1	1
E 57706	1	9	2	55	.1	4	7	699	2.92	2	5	ND	1	88	1	2	2	44	1.19	.070	5	6	1.00	225	.13	2	1.58	.15	.53	1	1
E 57707	1	9	3	56	.1	5	8	709	2.89	3	5	ND	1	87	1	2	2	46	1.16	.067	4	8	1.04	257	.14	2	1.60	.14	.56	1	1
E 57708	1	8	5	53	.3	12	10	838	3.50	7	5	ND	2	455	1	2	2	42	3.66	.065	5	10	1.24	102	.07	2	2.94	.16	.16	1	1
E 57709	1	73	2	57	.2	14	9	1334	3.23	9	5	ND	2	192	1	2	2	34	5.21	.070	5	11	1.10	56	.04	2	1.97	.08	.11	1	310
E 57710	1	23	2	52	.1	3	7	804	2.63	2	5	ND	1	639	1	2	2	33	2.55	.068	8	4	.94	138	.09	2	2.08	.11	.25	1	3
E 57711	1	19	3	47	.1	3	6	652	2.53	2	5	ND	1	126	1	2	2	35	1.68	.068	5	4	.81	162	.11	2	1.35	.10	.35	1	1
E 57712	1	11	2	47	.1	4	7	536	2.28	2	5	ND	1	81	1	2	2	36	.99	.073	6	6	.79	154	.11	2	1.21	.12	.32	1	1
E 57713	1	11	3	60	.1	6	10	772	3.05	2	5	ND	2	76	1	2	2	43	1.57	.077	4	9	1.23	79	.10	2	1.54	.09	.15	1	1
E 57714	1	38	3	55	.2	6	8	699	2.68	3	5	ND	1	75	1	2	2	42	1.52	.078	5	9	1.02	118	.10	4	1.37	.10	.22	1	27
E 57715	1	14	2	52	.2	6	9	565	2.66	2	5	ND	1	81	1	2	2	43	1.08	.084	5	9	1.04	141	.12	27	1.47	.13	.28	1	1
E 57716	1	17	2	47	.1	5	8	529	2.79	2	5	ND	2	73	1	2	2	52	.99	.078	6	11	.92	225	.14	27	1.48	.18	.51	1	1
E 57717	1	7	2	57	.1	4	7	725	2.52	2	5	ND	1	73	1	2	2	32	1.06	.068	3	6	.92	142	.11	2	1.32	.11	.36	1	3
E 57718	1	5	6	53	.1	3	6	694	2.27	2	5	ND	1	79	1	2	2	26	1.21	.066	5	4	.74	140	.10	2	1.13	.10	.30	1	119
E 57719	1	9	2	51	.1	2	5	638	2.21	2	5	ND	2	68	1	2	2	26	.97	.065	5	3	.69	154	.10	2	1.02	.09	.28	1	9
E 57720	18	21	5	60	1.3	3	6	961	2.66	2	5	ND	2	76	1	2	2	27	1.80	.075	7	3	.82	114	.08	2	1.15	.09	.22	1	970
E 57721	7	20	2	43	.1	1	4	703	1.59	2	5	ND	2	67	1	2	2	12	1.89	.056	7	2	.49	79	.03	2	.83	.06	.13	1	73
E 57722	1	6	2	49	.2	2	4	621	1.86	2	5	ND	3	58	1	2	2	21	.71	.060	8	2	.57	183	.10	2	.93	.08	.38	1	6
E 57723	1	7	4	47	.1	2	4	608	1.67	2	5	ND	3	80	1	2	2	16	1.03	.057	8	1	.52	134	.07	2	.86	.07	.22	1	42
E 57724	1	10	5	47	.1	2	4	656	1.63	2	5	ND	2	75	1	2	2	14	1.46	.058	8	1	.52	102	.05	2	.85	.07	.16	1	104
E 57725	1	5	2	42	.1	2	4	661	1.72	2	5	ND	2	57	1	2	2	17	1.19	.053	7	1	.50	177	.08	4	.84	.08	.37	1	2
E 57726	1	6	2	47	.1	6	4	633	1.75	2	5	ND	2	87	1	2	2	18	1.20	.056	7	11	.56	142	.09	2	.94	.08	.28	1	7
E 57727	13	9	3	34	.6	2	4	812	1.62	2	5	ND	2	69	1	2	2	11	2.51	.059	7	1	.41	93	.02	2	.72	.06	.20	2	219
E 57728	1	15	4	37	.1	1	4	825	1.73	2	5	ND	2	86	1	2	2	11	2.31	.058	7	1	.50	86	.03	2	.87	.08	.15	1	4
E 57729	1	6	3	51	.2	3	7	704	2.87	3	5	ND	2	118	1	2	2	40	1.58	.071	6	4	.93	165	.12	2	1.45	.12	.33	1	2
E 57730	1	8	2	53	.1	4	6	1128	2.96	3	5	ND	1	96	1	2	2	31	3.25	.076	3	6	1.06	73	.08	2	1.49	.08	.16	1	1
E 57731	1	11	2	56	.1	6	9	772	2.99	2	5	ND	1	228	1	2	2	41	1.99	.079	6	10	1.17	87	.09	2	1.76	.11	.16	1	1
E 57732	1	9	3	50	.1	4	7	627	2.62	2	5	ND	1	95	1	2	2	36	1.19	.079	6	5	.92	147	.12	2	1.43	.12	.27	1	1
E 57733	1	9	2	62	.2	3	9	743	2.83	2	5	ND	1	121	1	2	2	29	1.53	.083	5	3	1.15	51	.08	2	1.66	.09	.08	1	1
E 57734	1	43	6	60	.1	2	7	867	2.85	2	5	ND	1	116	1	2	2	29	2.29	.083	6	3	1.04	51	.06	2	1.58	.09	.08	1	126
E 57735	1	11	2	47	.1	5	7	578	2.62	2	5	ND	1	88	1	2	2	43	1.08	.079	6	12	.87	234	.14	2	1.39	.14	.45	1	4
E 57736	1	9	2	45	.1	5	7	535	2.18	2	5	ND	2	75	1	2	2	32	.89	.077	8	15	.83	161	.11	2	1.18	.12	.30	1	1
STD C/AU-R	18	58	40	132	7.6	67	28	1071	4.16	43	20	8	39	47	19	17	19	58	.49	.084	39	58	.92	179	.07	31	1.97	.07	.13	11	510

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	SR 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 57737	1	16	2	49	.1	6	8	588	2.75	2	5	ND	1	156	1	2	2	46	1.36	.076	6	11	.97	179	.12	2	1.51	.11	.27	1	4
E 57738	1	19	2	37	.4	1	4	752	1.67	2	5	ND	3	102	1	2	2	12	2.33	.051	9	1	.47	96	.02	2	.97	.06	.16	1	665
E 57739	1	25	4	45	.1	1	4	810	1.80	2	5	ND	2	111	1	2	2	12	2.74	.053	8	1	.53	72	.01	21	1.13	.07	.13	1	158
E 57740	1	19	2	51	.1	5	6	735	2.36	2	5	ND	3	106	1	2	2	27	1.87	.061	9	7	.70	155	.08	3	1.35	.11	.28	1	23
E 57741	1	14	2	54	.1	2	4	643	1.90	3	5	ND	3	86	1	2	2	19	1.11	.064	8	2	.63	172	.09	25	1.11	.07	.35	1	16
E 57742	1	9	3	46	.1	2	4	575	1.68	2	5	ND	2	62	1	2	2	16	.97	.054	7	1	.54	163	.07	2	.92	.06	.31	1	4
E 57743	1	10	3	50	.2	2	4	674	1.85	2	5	ND	3	80	1	2	2	16	1.38	.066	9	2	.60	110	.04	2	1.13	.06	.23	2	1
E 57744	1	43	2	50	.2	2	4	687	1.86	2	5	ND	3	78	1	2	2	17	1.42	.058	10	2	.57	155	.04	29	1.07	.06	.30	1	140
E 57745	1	12	3	44	.2	2	4	732	1.70	2	5	ND	3	70	1	2	2	12	1.93	.054	9	2	.49	93	.03	2	.85	.05	.16	1	98
E 57746	1	5	2	42	.2	2	3	684	1.69	3	5	ND	3	82	1	2	2	16	1.49	.060	10	1	.58	138	.06	29	.96	.07	.29	2	4
E 57747	1	4	2	34	2.7	2	1	1209	2.01	2	5	4	4	83	1	2	2	8	3.23	.070	14	1	.68	82	.01	5	.95	.05	.18	2	4220
E 57748	1	8	5	49	.4	1	4	620	1.83	2	5	ND	3	69	1	2	2	17	1.22	.060	9	2	.57	143	.07	32	.92	.06	.27	2	440
E 57749	1	7	2	49	.1	2	4	580	1.73	2	5	ND	3	78	1	2	2	17	1.23	.056	9	1	.55	149	.09	4	.93	.06	.28	1	17
E 57750	1	9	2	45	.2	2	4	623	1.92	2	5	ND	2	104	1	2	2	20	1.13	.056	8	2	.56	179	.10	28	.97	.08	.40	1	163
STD C\AU-R	18	57	38	132	7.3	67	28	1057	4.15	41	23	7	38	47	19	18	20	56	.49	.083	39	57	.93	176	.07	32	1.98	.07	.14	12	505

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: DEC 18 1987 DATE REPORT MAILED: Dec 24/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

CATHEDRAL GOLD PROJECT-4544 File # 87-6250 Page 1

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	SR 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 57751	1	8	2	50	.1	2	4	531	1.61	4	5	ND	3	87	1	2	2	17	.98	.057	8	2	.53	176	.10	2	.95	.07	.34	1	7
E 57752	1	6	2	39	.1	2	3	641	1.44	4	5	ND	2	111	1	2	2	11	1.81	.048	6	1	.41	113	.06	2	.75	.06	.19	1	25
E 57753	1	8	3	44	.1	2	4	629	1.47	3	5	ND	2	94	1	2	2	14	1.49	.053	6	1	.46	130	.07	2	.73	.04	.23	1	10
E 57754	1	8	3	50	.1	2	4	563	1.81	5	5	ND	3	63	1	2	2	20	.64	.055	7	1	.55	196	.11	2	.88	.05	.41	1	4
E 57755	1	8	2	49	.2	2	4	554	1.75	3	5	ND	3	79	1	2	2	19	.82	.055	7	2	.55	188	.10	2	.93	.06	.37	1	76
E 57756	1	50	3	46	.3	2	4	656	1.68	3	5	ND	2	89	1	2	2	17	1.35	.054	7	1	.51	165	.09	2	.91	.05	.29	1	225
E 57757	1	17	2	47	2.6	2	5	628	2.21	5	5	4	3	82	1	2	2	15	1.36	.055	7	2	.52	111	.07	2	.82	.05	.19	1	4240
E 57758	1	9	3	48	.3	2	4	631	1.76	2	5	ND	2	76	1	2	2	16	1.24	.054	7	1	.53	141	.08	2	.87	.06	.24	1	192
E 57759	1	17	3	43	1.0	2	6	671	1.98	3	5	2	2	77	1	2	2	14	1.66	.053	6	2	.51	96	.05	6	.80	.05	.15	1	1480
E 57760	1	24	2	42	.1	1	4	728	1.73	3	5	ND	2	71	1	2	2	15	1.96	.056	7	1	.50	70	.04	3	.76	.04	.10	1	44
E 57761	1	30	2	48	.2	2	4	616	1.59	5	5	ND	2	91	1	2	2	14	1.45	.056	7	1	.53	90	.06	2	.94	.05	.13	1	103
E 57762	1	12	4	52	.2	2	4	590	1.90	3	5	ND	3	81	1	2	2	21	.90	.057	8	2	.56	176	.10	2	.92	.06	.32	1	92
E 57763	1	8	5	50	.1	2	4	570	1.84	2	5	ND	2	72	1	2	2	21	.71	.055	7	1	.56	197	.11	5	.94	.06	.40	1	7
E 57764	1	22	2	47	.3	1	4	673	1.75	2	5	ND	2	72	1	2	2	16	1.54	.056	7	1	.53	104	.06	2	.81	.05	.18	1	129
E 57765	1	26	2	44	1.8	2	4	622	1.86	4	5	2	3	62	1	2	2	15	1.31	.056	7	1	.49	119	.06	6	.76	.05	.21	1	2140
E 57766	1	12	2	47	.2	1	4	575	1.68	2	5	ND	3	68	1	2	2	16	1.03	.055	7	1	.53	124	.08	2	.81	.05	.24	1	107
E 57767	1	8	6	48	.4	2	4	663	1.81	3	5	ND	2	91	1	2	2	18	1.61	.054	7	2	.52	134	.07	2	1.15	.06	.23	1	315
E 57768	1	7	2	50	.1	2	4	590	1.68	2	5	ND	2	75	1	2	2	16	1.12	.055	7	1	.54	139	.09	2	.89	.05	.23	1	42
E 57769	1	21	3	44	.8	1	4	798	2.00	2	5	ND	2	72	1	2	2	14	2.04	.054	7	2	.50	87	.04	2	.80	.05	.13	1	815
E 57770	1	16	3	47	1.6	2	4	672	1.91	3	5	2	2	60	1	2	2	13	1.53	.057	7	1	.53	78	.05	2	.81	.05	.10	2	1590
E 57771	1	31	2	52	.3	2	4	698	1.85	3	5	ND	2	67	1	2	2	16	1.60	.061	7	2	.57	88	.06	3	.91	.05	.13	1	109
E 57772	1	21	4	52	.7	3	4	716	1.94	2	5	ND	2	78	1	2	2	14	1.70	.058	6	3	.58	81	.05	26	.87	.05	.12	1	590
E 57773	1	33	5	45	1.2	2	19	656	2.73	2	5	4	2	58	1	2	2	13	1.41	.053	6	1	.52	78	.04	2	.75	.04	.10	1	3340
E 57774	1	14	4	45	.1	1	4	792	1.77	3	5	ND	3	74	1	2	2	13	2.24	.056	7	1	.51	58	.03	2	.78	.04	.09	1	77
E 57775	1	10	2	48	.3	1	4	695	1.69	2	5	ND	2	75	1	2	2	15	1.54	.058	6	1	.52	124	.07	2	.81	.04	.20	1	59
E 57776	1	11	6	54	.1	2	4	688	1.84	2	5	ND	2	93	1	2	2	19	1.20	.060	8	2	.59	195	.10	7	.99	.06	.33	1	23
E 57777	9	17	2	54	.6	2	5	757	2.14	4	5	ND	2	141	1	2	2	21	1.24	.060	8	2	.62	180	.11	6	1.10	.07	.29	1	625
E 57778	1	18	5	57	.2	1	5	673	1.94	4	5	ND	3	70	1	2	2	20	.99	.062	8	1	.64	170	.10	4	1.00	.06	.30	1	11
E 57779	1	13	2	56	.3	2	4	671	2.23	3	5	ND	3	78	1	2	2	25	.85	.065	8	2	.58	217	.11	5	.95	.06	.39	1	16
E 57780	1	55	4	55	.1	2	5	649	2.12	2	5	ND	2	56	1	2	2	23	.68	.059	7	2	.62	232	.12	2	.98	.06	.46	1	6
E 57781	1	21	4	54	.2	2	5	687	2.09	4	5	ND	3	96	1	2	2	21	1.16	.065	8	2	.62	180	.09	4	1.11	.06	.38	1	4
E 57782	1	19	3	48	.3	2	4	748	1.90	3	5	ND	3	84	1	2	2	17	1.80	.061	8	2	.56	146	.07	2	.92	.05	.26	1	32
E 57783	3	115	2	45	.4	2	5	946	1.84	4	5	ND	2	84	1	2	2	12	2.69	.055	7	2	.52	88	.03	2	.80	.04	.16	1	425
E 57784	1	7	4	52	.4	2	4	621	1.91	3	5	ND	3	75	1	2	2	20	.99	.058	7	2	.59	198	.10	2	.95	.06	.42	1	101
E 57785	1	10	4	54	.2	2	5	665	2.08	3	5	ND	3	93	1	2	2	22	.84	.059	8	2	.63	233	.11	4	1.07	.07	.48	1	18
E 57786	9	8	3	46	2.3	2	16	913	3.08	5	5	6	3	113	1	2	2	20	2.21	.051	7	1	.53	112	.09	3	.97	.07	.40	1	4560
STD C/AU-R	18	57	40	132	7.4	68	28	1060	4.14	41	20	7	38	47	19	18	22	57	.49	.082	39	58	.92	177	.07	32	1.98	.07	.13	11	495

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	SR 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 57787	1	7	4	51	.1	2	4	618	2.05	2	5	ND	3	94	1	2	2	23	.86	.055	8	2	.60	221	.11	4	1.04	.08	.50	1	2
E 57788	1	7	4	51	.1	2	4	599	2.02	2	5	ND	2	59	1	2	2	23	.66	.056	8	2	.61	216	.12	5	.95	.08	.51	1	19
E 57789	13	8	2	41	.5	2	7	1108	1.85	3	5	ND	2	101	1	2	2	14	2.58	.053	8	1	.53	153	.06	5	.76	.05	.33	1	645
E 57790	1	7	2	51	.1	2	4	581	1.90	3	5	ND	2	69	1	2	2	20	.78	.056	8	2	.60	218	.11	2	.93	.06	.48	1	56
E 57791	1	12	2	50	.2	2	4	622	1.73	2	5	ND	2	73	1	2	2	16	1.16	.057	7	1	.58	159	.09	2	.84	.05	.31	2	109
E 57792	7	25	2	42	.3	1	3	1010	1.65	2	5	ND	2	148	1	2	2	12	2.58	.057	7	1	.56	109	.05	3	.80	.05	.19	1	250
E 57793	1	8	2	55	.1	2	5	712	2.28	3	5	ND	3	61	1	2	2	26	.74	.057	7	2	.63	234	.12	2	1.02	.08	.54	1	11
E 57794	3	19	2	52	.1	2	4	720	2.04	2	5	ND	2	72	1	2	2	21	1.10	.058	8	2	.61	197	.10	5	.92	.06	.44	1	24
E 57795	2	22	5	79	.1	1	2	1962	2.17	3	5	ND	2	107	1	2	2	17	3.77	.049	7	1	1.09	93	.03	3	1.18	.04	.19	1	56
E 57796	1	10	2	45	.1	2	4	633	1.68	2	5	ND	3	82	1	2	2	16	1.29	.057	7	2	.53	139	.07	2	.83	.05	.24	1	12
E 57797	1	9	3	49	.4	2	4	559	1.82	2	5	ND	2	66	1	2	2	19	.82	.056	7	2	.56	198	.10	3	.86	.06	.38	1	199
E 57798	1	12	2	48	.1	2	4	634	1.68	2	5	ND	2	71	1	2	2	14	1.29	.054	8	2	.55	117	.06	2	.82	.05	.22	2	4
E 57799	1	7	4	50	.1	2	4	551	1.81	3	5	ND	3	70	1	2	2	20	.73	.055	8	1	.55	193	.10	3	.88	.06	.41	2	2
E 57800	1	8	4	51	.1	2	4	619	2.11	2	5	ND	3	58	1	2	2	23	.65	.054	9	2	.59	199	.12	3	.94	.07	.48	2	4
E 57801	1	7	2	51	.1	2	4	611	1.86	5	5	ND	2	116	1	2	2	19	1.20	.053	8	2	.57	183	.10	2	1.10	.07	.38	2	15
E 57802	1	8	2	52	.1	1	4	635	1.96	3	5	ND	2	101	1	2	2	20	.82	.057	8	1	.60	207	.11	3	.96	.07	.43	1	2
E 57803	27	5	3	31	1.8	2	8	469	1.95	2	5	5	3	148	1	2	2	9	1.77	.055	8	1	.37	79	.05	2	.82	.05	.14	2	5320
E 57804	1	5	2	51	.1	2	4	603	1.95	2	5	ND	3	87	1	2	2	21	.76	.055	8	2	.57	205	.11	23	.97	.08	.43	1	16
E 57805	1	8	2	51	.2	2	4	540	1.86	2	5	ND	3	89	1	2	2	21	.70	.055	8	2	.56	190	.11	2	.91	.06	.40	1	29
E 57806	1	8	2	48	.1	2	4	670	1.70	2	5	ND	2	97	1	2	2	16	1.15	.056	7	2	.55	140	.08	2	.84	.05	.23	2	33
E 57807	1	7	2	47	.3	2	4	608	1.58	2	5	ND	4	95	1	2	2	14	1.32	.055	8	1	.53	109	.06	2	.82	.05	.20	2	15
E 57808	5	7	2	46	.2	2	4	629	1.76	2	5	ND	3	74	1	2	2	17	1.16	.052	7	2	.52	140	.08	3	.83	.06	.28	1	146
E 57809	2	17	2	46	.1	1	4	687	1.77	2	5	ND	3	82	1	2	2	13	1.71	.055	8	1	.52	73	.04	2	.81	.05	.12	1	49
E 57810	4	24	2	39	.5	1	4	770	1.71	2	5	ND	2	76	1	2	2	13	2.05	.052	8	1	.48	62	.03	2	.72	.04	.10	1	380
E 57811	1	15	2	42	.3	1	4	597	1.53	2	5	ND	3	93	1	2	2	12	1.57	.055	8	1	.46	78	.04	2	.79	.05	.12	1	156
E 57812	1	20	3	51	.4	2	4	712	1.67	2	5	ND	3	114	1	2	2	13	1.80	.057	7	2	.56	85	.05	2	.88	.05	.11	1	132
E 57813	33	44	3	47	7.2	2	15	779	3.97	2	6	22	3	85	1	2	11	14	1.99	.054	6	1	.52	66	.04	2	.76	.05	.11	2	21400
E 57814	1	29	3	49	.2	1	4	663	1.71	2	5	ND	2	77	1	2	2	15	1.57	.054	8	2	.52	106	.06	2	.82	.05	.18	1	166
E 57815	1	12	3	51	.1	2	4	691	1.89	2	5	ND	2	96	1	2	2	20	1.33	.062	7	1	.59	162	.09	3	.90	.06	.29	2	106
E 57816	1	11	2	47	.1	2	4	534	1.75	2	5	ND	2	113	1	2	2	18	.88	.056	7	2	.53	166	.09	3	.88	.06	.31	1	33
E 57817	1	8	2	49	.1	2	4	566	1.50	2	5	ND	3	242	1	2	2	14	1.34	.056	8	2	.52	119	.07	6	1.06	.07	.20	1	28
E 57818	1	7	3	52	.1	3	4	703	2.39	2	5	ND	3	76	1	2	2	28	.70	.057	9	2	.61	220	.12	2	1.03	.09	.51	1	9
E 57819	1	16	5	52	.1	2	4	647	2.00	2	5	ND	2	66	1	2	2	20	.99	.059	7	2	.59	194	.11	3	.91	.06	.42	2	152
E 57820	1	62	5	47	.9	1	4	1032	1.95	2	5	ND	3	106	1	3	2	12	3.04	.057	9	1	.55	76	.02	2	.79	.05	.13	1	480
E 57821	1	7	5	53	.1	2	4	649	2.12	2	5	ND	3	68	1	2	2	23	.87	.057	9	2	.58	224	.11	2	.99	.08	.45	1	32
E 57822	1	9	5	51	.1	2	4	580	1.90	2	5	ND	2	66	1	2	2	20	.79	.056	8	2	.58	209	.11	4	.92	.07	.44	3	26
STD C/AU-R	18	57	38	132	7.4	67	28	1056	4.16	44	24	7	38	47	18	17	20	57	.49	.081	39	57	.92	178	.07	33	1.89	.07	.13	12	505

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	SR 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 57823	1	9	2	48	.6	2	4	760	1.82	3	5	ND	2	79	1	2	2	15	1.61	.058	8	2	.54	152	.08	2	.82	.06	.27	1	485
E 57824	1	11	2	53	.4	2	5	652	1.89	2	9	ND	3	78	1	3	2	19	.92	.061	8	2	.59	198	.11	3	.86	.07	.40	1	62
E 57825	1	21	4	48	.2	2	4	690	1.70	2	5	ND	4	86	1	2	2	16	1.35	.058	9	2	.54	95	.07	4	.78	.05	.15	1	29
E 57826	2	18	2	42	12.5	3	13	757	4.02	2	5	24	2	94	1	2	8	14	1.78	.055	7	2	.46	83	.04	2	.72	.06	.15	1	20200
E 57827	1	8	3	50	.2	2	4	585	1.65	2	5	ND	2	80	1	2	2	18	.82	.059	8	3	.55	178	.10	5	.82	.05	.32	1	33
E 57828	1	19	3	46	.7	2	5	792	2.08	3	5	2	3	68	1	2	2	15	1.73	.056	8	2	.53	106	.06	3	.73	.05	.18	2	1710
E 57829	1	26	2	46	.3	1	4	775	1.74	2	5	ND	3	79	1	2	2	16	1.71	.057	8	2	.52	82	.04	2	.77	.05	.12	1	67
E 57830	1	54	4	30	8.1	3	17	967	6.01	2	6	22	3	66	1	2	10	9	2.54	.046	6	1	.37	60	.01	2	.55	.04	.12	1	21200
E 57831	1	9	5	51	2.2	2	4	661	1.88	2	5	3	2	132	1	2	2	20	.93	.056	8	2	.57	193	.11	2	.92	.07	.38	1	2540
E 57832	1	24	2	54	3.1	2	5	901	2.34	2	9	4	3	85	1	2	2	20	1.90	.070	8	3	.64	125	.06	3	.88	.06	.24	1	3420
E 57833	1	13	2	51	.6	2	4	712	1.86	2	5	ND	2	73	1	2	2	18	1.26	.057	7	2	.59	154	.09	11	.78	.06	.30	1	505
E 57834	1	7	4	51	.3	2	4	644	1.75	2	5	ND	2	95	1	2	2	18	1.04	.058	7	2	.58	157	.09	5	.83	.06	.29	1	154
E 57835	1	6	4	53	.1	2	4	750	2.14	2	5	ND	3	53	1	2	2	26	.67	.056	9	2	.61	227	.12	2	.92	.07	.51	1	5
E 57836	1	11	2	47	.3	2	4	801	1.98	2	5	ND	3	53	1	2	2	20	1.28	.059	8	2	.57	184	.08	14	.81	.06	.37	1	59
E 57837	1	8	2	38	.5	2	3	913	1.73	2	5	ND	3	66	1	2	2	12	2.16	.060	7	2	.48	76	.02	4	.65	.05	.13	1	345
E 57838	1	9	4	44	.5	2	4	824	1.90	3	8	ND	3	92	1	2	2	17	1.52	.054	8	2	.53	141	.05	2	.81	.06	.24	1	345
E 57839	1	9	3	47	.2	2	4	757	1.86	2	5	ND	3	60	1	2	2	19	1.28	.057	8	3	.57	161	.08	2	.78	.05	.31	1	8
E 57840	1	7	2	48	.1	2	4	732	1.89	2	5	ND	2	56	1	2	2	19	1.20	.057	7	1	.57	181	.08	2	.78	.05	.33	1	5
E 57841	1	13	2	48	.3	2	4	787	1.82	2	8	ND	3	67	1	2	2	17	1.54	.056	8	2	.53	137	.07	4	.77	.06	.24	2	32
E 57842	1	19	2	55	.7	2	5	775	2.26	2	5	ND	2	58	1	2	2	23	1.11	.071	7	2	.63	161	.10	5	.86	.06	.32	1	510
E 57843	1	10	2	56	.3	2	5	778	2.05	2	5	ND	3	117	1	2	2	23	1.32	.069	8	2	.62	178	.11	3	1.02	.07	.34	1	9
E 57844	1	7	2	52	.2	2	4	659	1.86	2	5	ND	3	70	1	2	2	21	.88	.058	9	2	.58	203	.11	33	.90	.07	.42	1	2
E 57845	1	8	2	52	.1	2	4	645	1.94	2	5	ND	3	69	1	2	2	23	.82	.061	9	2	.58	202	.11	2	.88	.07	.44	1	5
E 57846	1	8	3	49	.2	3	5	710	1.66	2	5	ND	2	94	1	2	2	14	1.66	.058	7	2	.54	118	.07	2	.80	.05	.21	4	73
E 57847	1	8	2	50	.2	2	4	789	1.84	2	5	ND	2	83	1	2	2	19	1.35	.057	7	2	.58	182	.09	10	.84	.05	.35	1	335
E 57848	1	41	4	44	.2	2	3	889	1.75	2	5	ND	3	67	1	2	2	16	2.06	.056	7	2	.56	126	.06	2	.73	.05	.25	1	37
E 57849	1	12	2	43	.1	2	4	797	1.67	2	5	ND	2	97	1	2	2	16	1.66	.056	8	2	.53	126	.06	7	.79	.05	.22	1	49
E 57850	1	10	2	47	.1	2	4	677	1.81	2	6	ND	3	113	1	2	2	19	1.06	.057	8	2	.56	175	.09	10	.85	.06	.32	1	11
E 57851	1	76	2	40	.5	1	4	792	1.88	2	5	ND	2	83	1	2	2	12	2.07	.058	8	1	.50	61	.01	2	.68	.05	.10	1	375
E 57852	1	24	2	42	.3	2	4	741	1.68	2	5	ND	3	70	1	2	2	13	1.70	.062	9	2	.52	87	.03	3	.70	.05	.15	1	107
E 57853	1	22	2	35	.1	2	4	794	1.59	2	5	ND	3	182	1	2	2	11	2.34	.058	9	1	.47	78	.01	6	.86	.05	.10	1	92
E 57854	1	13	2	46	.1	2	5	798	1.72	3	5	ND	3	264	1	2	2	15	2.13	.058	11	2	.56	111	.02	8	1.10	.06	.12	1	19
E 57855	1	12	3	44	.2	2	4	644	1.64	2	5	ND	2	402	1	2	2	16	1.91	.057	9	2	.52	165	.04	3	1.65	.10	.22	1	26
E 57856	1	7	2	46	.1	2	4	642	1.67	3	5	ND	2	313	1	2	2	17	1.61	.056	9	2	.53	168	.06	2	1.21	.08	.23	1	2
E 57857	1	2	2	14	.3	1	1	1087	.81	2	5	ND	5	46	1	2	2	5	3.94	.067	18	1	.22	52	.01	10	.39	.05	.10	1	113
E 57858	1	9	4	51	.3	2	4	626	1.72	2	6	ND	3	97	1	2	2	19	1.04	.058	7	3	.54	171	.09	3	.88	.05	.32	1	3
STD C/AU-R	19	57	42	133	7.5	69	29	1149	4.18	44	20	8	40	49	19	17	20	59	.50	.086	40	59	.93	180	.07	34	1.80	.07	.13	13	495

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	SR 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 57859	1	23	2	51	.5	3	4	749	1.93	2	5	ND	2	243	1	2	2	17	1.69	.057	9	3	.59	177	.06	2	1.41	.08	.25	1	280
E 57860	1	44	2	52	.1	2	4	815	1.99	2	5	ND	2	185	1	2	2	19	1.85	.061	9	2	.58	186	.06	3	1.37	.07	.32	1	96
E 57861	1	12	2	58	.1	2	5	701	2.10	2	5	ND	2	93	1	2	2	23	1.20	.071	8	2	.61	207	.11	4	1.17	.07	.42	1	7
E 57862	1	8	6	58	.1	2	5	734	2.26	2	5	ND	3	132	1	2	2	26	1.26	.066	9	2	.62	233	.11	2	1.45	.10	.47	1	12
E 57863	2	9	3	53	.4	2	4	693	1.92	3	5	ND	3	194	1	2	2	19	2.03	.061	8	2	.59	172	.06	3	1.86	.12	.30	1	410
E 57864	1	15	2	51	.1	2	4	688	1.97	2	5	ND	3	115	1	2	2	19	1.22	.058	8	2	.55	179	.08	2	1.08	.06	.34	1	36
E 57865	1	7	5	56	.1	2	5	714	2.14	2	5	ND	3	84	1	2	2	24	1.06	.061	8	2	.58	229	.11	2	1.08	.07	.45	1	1
E 57866	1	23	3	52	.3	2	5	704	2.07	2	5	ND	3	76	1	2	2	21	1.18	.062	8	2	.58	186	.09	2	1.00	.06	.38	1	280
E 57867	1	9	2	53	.1	2	4	676	2.03	2	5	ND	3	80	1	2	2	21	1.00	.059	9	2	.59	189	.09	2	1.05	.06	.36	1	1
E 57868	1	55	2	51	.1	2	5	752	1.96	2	5	ND	3	86	1	2	2	18	1.59	.062	9	2	.57	158	.07	2	.97	.06	.29	1	55
E 57869	1	7	2	55	.1	3	6	705	2.05	2	5	ND	3	80	1	2	2	21	1.05	.063	9	2	.59	213	.10	4	1.03	.06	.38	1	11
E 57870	5	35	2	48	.4	2	5	805	1.96	2	5	ND	4	127	1	2	2	15	2.23	.058	10	1	.56	133	.04	2	1.06	.06	.22	1	300
E 57871	1	10	2	52	.1	2	4	711	2.11	2	5	ND	3	141	1	2	2	22	1.43	.061	10	2	.58	221	.10	5	1.48	.10	.42	1	53
E 57872	1	12	8	59	.1	8	7	775	3.15	2	6	ND	3	68	1	2	2	38	1.30	.068	8	9	.89	214	.14	4	1.56	.14	.47	1	4
E 57873	88	14	3	44	3.4	3	8	677	3.60	2	5	4	2	46	1	2	2	19	1.65	.052	6	2	.54	113	.06	4	.97	.06	.33	1	3080
E 57874	1	9	2	56	.1	2	5	707	2.53	2	5	ND	3	50	1	2	2	25	1.03	.061	7	3	.68	226	.11	2	1.24	.06	.50	1	37
E 57875	1	8	3	56	.1	2	5	673	2.32	2	5	ND	2	53	1	2	2	26	.92	.061	8	3	.64	215	.11	5	1.21	.07	.50	1	12
E 57876	6	9	6	54	1.1	5	6	711	2.64	2	5	3	2	107	1	2	2	24	.94	.059	6	4	.79	226	.09	3	1.54	.06	.44	1	2760
E 57877	1	8	6	58	.1	2	5	724	2.34	2	5	ND	2	63	1	2	2	26	.97	.062	10	3	.66	236	.12	5	1.23	.08	.55	1	4
E 57878	1	10	9	52	.1	2	4	579	1.81	2	5	ND	2	79	1	2	2	18	.91	.061	8	2	.57	145	.09	2	.96	.06	.29	1	20
E 57879	1	9	2	52	.1	2	4	633	1.99	2	5	ND	3	76	1	2	2	21	.92	.061	8	3	.57	179	.10	2	1.00	.06	.37	1	2
E 57880	1	9	17	51	.1	2	4	558	1.74	2	5	ND	3	73	1	2	2	18	.87	.060	8	2	.56	159	.10	10	.93	.05	.32	1	2
E 57881	1	13	3	50	.1	2	4	681	1.92	2	5	ND	3	75	1	2	2	16	1.40	.061	9	2	.55	134	.07	2	.92	.05	.24	1	130
E 57882	1	11	4	51	.1	2	4	667	1.83	2	5	ND	3	70	1	2	2	15	1.34	.058	8	3	.56	95	.06	2	.87	.05	.15	1	32
E 57883	1	23	2	45	.6	2	4	655	1.71	2	5	ND	3	77	1	2	2	14	1.61	.057	7	2	.53	103	.05	6	.83	.05	.19	1	740
E 57884	1	18	6	56	.2	17	10	929	2.78	6	5	ND	3	99	1	2	2	42	4.88	.068	11	20	.81	83	.09	2	2.22	.13	.16	1	3
E 57885	1	7	2	50	.1	2	4	588	1.85	2	5	ND	2	85	1	2	2	20	.99	.056	9	2	.55	166	.10	4	1.02	.07	.35	1	5
E 57886	1	10	2	54	.1	3	5	734	2.24	2	5	ND	4	72	1	2	2	24	1.20	.061	8	3	.63	170	.10	2	1.07	.07	.40	1	4
E 57887	1	9	3	54	.1	2	5	626	1.99	2	5	ND	4	79	1	2	2	22	.93	.059	9	2	.60	194	.11	4	1.04	.07	.40	1	3
E 57888	1	13	3	50	.2	3	4	632	2.08	2	8	ND	3	75	1	2	2	21	1.01	.059	9	2	.60	190	.11	2	1.05	.06	.42	2	7
E 57889	1	9	5	51	.1	2	4	629	1.90	2	5	ND	3	81	1	2	2	20	.89	.059	8	2	.58	195	.11	2	.97	.06	.40	2	1
E 57890	2	37	3	48	.2	3	4	768	1.99	2	5	ND	2	74	1	2	2	16	1.50	.058	7	3	.56	109	.06	4	.89	.06	.18	1	121
E 57891	1	14	8	49	.2	2	5	751	1.93	2	5	ND	3	70	1	2	2	16	1.55	.062	8	2	.58	120	.07	4	.90	.05	.21	1	46
E 57892	1	10	6	48	.1	3	4	589	1.92	2	5	ND	3	133	1	2	2	18	1.11	.059	7	2	.59	147	.09	2	1.03	.06	.28	1	5
E 57893	3	11	2	50	.2	2	4	696	1.87	2	5	ND	3	77	1	2	2	18	1.29	.057	7	2	.56	136	.08	6	.87	.06	.25	1	62
E 57894	1	5	6	50	.1	2	4	571	1.86	3	5	ND	3	69	1	2	2	19	.72	.056	7	2	.57	182	.11	3	.91	.06	.35	1	4
STD C/AU-R	18	57	42	132	7.5	68	28	1067	4.15	42	25	7	38	47	18	16	21	57	.49	.082	39	59	.92	178	.07	33	1.97	.07	.13	12	510

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	SR 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 57895	1	50	4	49	.1	3	4	689	2.16	2	5	ND	3	122	1	2	2	24	.70	.053	8	3	.57	203	.12	2	1.03	.08	.41	1	4
E 57896	1	11	8	47	.2	2	4	646	1.82	4	5	ND	4	64	1	2	2	19	1.04	.051	7	5	.53	173	.09	5	.98	.08	.34	1	3
E 57897	1	19	5	42	.2	2	4	663	1.76	2	5	ND	3	74	1	2	2	15	1.44	.055	7	2	.50	119	.07	3	.81	.06	.21	1	235
E 57898	1	12	11	47	.1	2	4	656	1.94	2	5	ND	3	93	1	3	2	21	.91	.055	8	3	.54	180	.10	7	.99	.08	.36	1	8
E 57899	1	12	4	39	.1	2	4	736	1.75	2	5	ND	3	78	1	2	2	16	1.57	.053	7	2	.47	124	.06	2	.83	.06	.22	1	122
E 57900	1	8	7	45	.1	2	4	683	1.80	2	5	ND	3	66	1	2	2	18	1.14	.053	7	3	.53	158	.09	3	.90	.07	.30	1	12
E 57901	1	15	6	44	.1	2	4	718	1.61	2	5	ND	3	69	1	2	2	12	1.71	.054	7	2	.51	60	.03	6	.81	.05	.10	1	35
E 57902	1	14	4	46	.1	2	4	781	1.70	2	8	ND	4	70	1	2	2	12	1.91	.053	7	1	.50	62	.04	2	.78	.03	.10	1	54
E 57903	1	10	4	48	.4	2	4	640	1.78	2	5	ND	2	62	1	2	2	18	.89	.058	7	2	.54	144	.08	2	.88	.06	.26	1	475
E 57904	1	8	3	47	.1	1	4	684	1.78	3	5	ND	2	57	1	2	2	18	1.05	.052	7	2	.56	156	.09	5	.87	.07	.32	1	14
E 57905	1	17	6	46	.4	2	4	715	1.92	2	5	ND	3	66	1	2	2	18	1.23	.052	7	2	.52	163	.08	2	.83	.06	.31	1	250
E 57906	1	21	4	48	.1	2	4	647	1.98	2	7	ND	3	59	1	2	2	23	.61	.053	8	2	.56	191	.11	9	.92	.08	.41	1	10
E 57907	1	8	6	49	.1	2	4	656	2.04	2	5	ND	2	64	1	2	2	23	.71	.054	7	2	.56	200	.11	2	.97	.08	.40	1	39
E 57908	1	9	2	46	.1	2	4	616	1.64	2	5	ND	3	122	1	2	2	15	1.22	.052	8	2	.52	128	.08	2	.95	.07	.21	1	72
E 57909	1	10	4	47	.1	2	4	601	1.67	2	5	ND	3	74	1	2	2	16	1.08	.055	8	2	.54	155	.09	2	.91	.07	.29	2	16
E 57910	3	71	6	41	2.4	2	4	567	2.08	2	5	2	2	97	1	2	2	17	1.08	.049	7	2	.50	161	.08	2	.91	.08	.31	1	2400
E 57911	1	14	2	42	.2	2	4	559	1.76	2	5	ND	2	75	1	2	2	17	1.10	.053	8	2	.51	145	.08	2	.86	.07	.26	1	38
E 57912	1	13	3	43	.2	1	4	626	1.83	2	5	ND	3	71	1	2	2	16	1.14	.052	7	2	.53	112	.07	2	.85	.06	.20	1	72
E 57913	1	10	5	44	.2	2	4	550	1.83	2	5	ND	3	110	1	2	2	18	1.01	.055	7	2	.53	139	.08	5	.96	.07	.25	1	17
E 57914	1	29	5	45	.2	2	4	614	1.79	2	5	ND	3	102	1	2	2	16	1.27	.055	8	2	.53	131	.07	2	.87	.06	.23	1	162
E 57915	1	7	6	45	.1	3	4	555	1.67	2	5	ND	2	90	1	2	2	16	1.10	.055	7	3	.53	137	.08	4	.93	.06	.25	1	11
E 57916	1	10	2	47	.1	2	4	661	1.97	2	5	ND	3	75	1	2	2	22	.81	.055	7	2	.54	181	.10	6	.90	.08	.36	1	25
E 57917	1	6	5	48	.1	2	4	624	1.72	3	5	ND	3	87	1	2	2	17	.90	.053	7	3	.56	139	.09	9	.89	.06	.25	1	5
E 57918	1	8	4	47	.1	2	4	663	1.59	3	5	ND	3	89	1	2	2	14	1.22	.055	8	2	.54	129	.07	2	.90	.07	.22	1	11
E 57919	1	6	3	43	.1	2	3	603	1.72	2	5	ND	2	426	1	2	2	19	2.22	.047	6	3	.47	176	.08	2	2.15	.16	.28	1	4
E 57920	1	12	7	45	.2	2	4	651	1.68	2	5	ND	4	120	1	2	2	14	1.60	.055	7	2	.52	93	.06	2	1.04	.08	.16	1	19
E 57921	1	9	3	46	.1	2	4	636	1.70	2	5	ND	3	99	1	2	2	16	1.38	.051	7	2	.49	118	.07	2	.92	.07	.21	1	14
E 57922	1	6	4	49	.1	2	4	613	1.89	2	5	ND	3	105	1	2	2	19	1.00	.056	8	3	.57	171	.10	2	1.00	.07	.34	1	9
E 57923	1	6	5	47	.1	2	4	622	1.83	3	5	ND	2	71	1	2	2	18	1.32	.053	7	2	.53	139	.08	2	.87	.06	.27	1	2
E 57924	1	9	3	47	.1	2	4	752	1.90	3	5	ND	3	78	1	2	2	19	1.15	.053	8	3	.56	168	.09	4	.94	.07	.31	1	9
E 57925	1	6	4	50	.1	2	4	620	2.00	2	5	ND	4	101	1	2	2	23	.73	.053	8	2	.57	192	.11	2	.98	.08	.36	1	3
E 57926	1	6	2	51	.1	2	4	642	2.02	2	5	ND	3	59	1	2	2	24	.64	.055	8	2	.58	204	.12	3	.99	.09	.43	1	1
E 57927	1	6	3	50	.1	2	4	655	2.16	2	6	ND	3	88	1	2	2	25	.62	.055	7	3	.57	209	.12	2	1.01	.09	.43	1	1
E 57928	1	8	4	51	.1	2	4	664	2.12	2	5	ND	4	79	1	2	2	25	.69	.059	8	2	.59	203	.12	5	1.02	.08	.44	1	1
E 57929	1	6	3	48	.1	3	4	545	1.82	2	5	ND	3	89	1	2	2	20	.76	.055	8	3	.51	172	.10	3	.93	.07	.32	1	1
E 57930	1	31	2	49	.3	2	4	671	1.87	3	5	ND	3	128	1	2	2	19	1.36	.055	8	2	.53	163	.09	8	1.02	.07	.28	1	172
STD C/AU-R	18	57	39	132	7.4	68	28	1068	4.13	39	24	7	39	47	19	18	21	57	.49	.083	39	57	.92	177	.07	32	1.96	.07	.13	12	515

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	SR 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 57931	1	7	7	44	.1	2	4	624	1.78	2	5	ND	1	63	1	2	2	19	1.01	.055	7	2	.53	175	.09	2	.84	.05	.36	1	159
E 57932	1	6	3	48	.1	2	4	607	2.01	2	5	ND	2	57	1	2	2	24	.55	.056	7	1	.55	191	.11	2	.95	.08	.45	1	1
E 57933	1	6	7	48	.1	2	4	609	2.09	2	5	ND	2	59	1	2	2	24	.56	.055	8	1	.55	196	.11	2	.94	.08	.46	2	1
E 57934	1	7	3	43	.7	2	4	536	1.84	2	5	ND	2	63	1	2	2	19	.78	.054	6	1	.50	150	.09	2	.81	.05	.33	2	730
E 57935	1	6	5	47	.1	3	4	598	1.94	2	5	ND	2	58	1	2	2	22	.68	.056	7	3	.55	188	.11	2	.90	.06	.43	1	25
E 57936	1	6	2	46	.2	1	4	598	1.95	2	5	ND	3	59	1	2	2	24	.60	.057	7	1	.53	186	.11	2	.90	.07	.43	2	1
E 57937	1	8	2	48	.1	2	4	595	1.97	2	5	ND	2	69	1	2	2	21	.80	.056	7	2	.53	183	.11	2	.89	.06	.37	1	31
E 57938	1	6	4	49	.1	2	4	644	2.15	2	5	ND	2	61	1	2	2	26	.65	.058	8	2	.57	203	.12	2	1.00	.08	.49	1	4
E 57939	1	9	6	46	.1	2	4	617	1.75	2	5	ND	3	98	1	2	2	16	1.14	.057	7	2	.52	154	.09	2	.89	.05	.30	1	9
E 57940	1	11	2	45	.3	2	4	689	1.78	2	5	ND	2	82	1	2	2	16	1.51	.057	7	2	.52	130	.07	2	.85	.05	.25	1	610
E 57941	1	8	2	46	.1	2	4	645	1.78	2	5	ND	3	82	1	2	2	17	1.31	.057	6	2	.54	119	.07	2	.89	.05	.22	1	70
E 57942	1	8	2	46	.3	2	4	625	1.76	2	5	ND	2	109	1	2	2	17	1.15	.057	7	2	.54	171	.09	2	.91	.06	.32	1	68

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: DEC 1987
DATE REPORT MAILED: Jan. 11/88.

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp AU** BY FIRE ASSAY FROM 1/2 A.T.

ASSAYER: D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

CATHEDRAL GOLD PROJECT-4544 File # 87-6222R

SAMPLE#	AU** oz/t
E 57577	.915
E 57589	3.640
E 57599	.100
E 57607	.665

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL/ASSAY CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Core AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU** BY FIRE ASSAY FROM 1/2 A.T.

DATE RECEIVED: JAN 15 1988 DATE REPORT MAILED: Jan 20/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

CATHEDRAL GOLD PROJECT-4544 File # 88-0111 Page 1

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	SR 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	AU** OZ/T
E57951	1	6	2	46	.1	2	4	598	1.64	2	5	ND	2	117	1	2	2	18	.99	.055	7	1	.45	179	.09	3	.97	.08	.29	1	6	-
E57952	1	6	3	42	.3	1	4	546	1.47	2	5	ND	1	67	1	2	2	13	1.19	.055	6	1	.43	105	.07	2	.81	.07	.16	1	184	-
E57953	1	6	3	46	.1	1	4	543	1.73	3	5	ND	1	51	1	2	2	19	.58	.055	6	2	.46	163	.10	2	.82	.07	.31	2	4	-
E57954	1	12	2	44	.1	1	4	589	1.73	2	5	ND	2	90	1	2	2	17	1.03	.054	6	1	.45	170	.09	2	.81	.07	.28	1	83	-
E57955	1	5	2	47	.1	2	4	523	1.79	2	5	ND	1	61	1	2	2	20	.53	.056	6	1	.46	210	.11	2	.85	.08	.37	1	4	-
E57956	1	5	2	40	.1	1	3	598	1.81	2	5	ND	2	57	1	2	2	19	1.04	.057	7	1	.46	178	.09	2	.83	.08	.33	1	5	-
E57957	1	6	3	47	.1	2	4	581	1.87	2	5	ND	2	77	1	2	2	21	.77	.059	7	2	.48	196	.10	6	.93	.08	.37	1	7	-
E57958	1	8	2	47	.1	1	4	623	1.87	2	5	ND	1	92	1	2	2	20	.94	.056	6	2	.50	186	.10	10	.92	.08	.36	1	48	-
E57959	1	10	3	45	.5	2	4	629	1.72	2	5	ND	2	74	1	2	2	17	1.15	.058	7	1	.47	170	.09	8	.84	.07	.29	1	68	-
E57960	1	28	2	47	.1	2	4	782	1.68	2	5	ND	1	81	1	2	2	12	1.98	.057	5	1	.46	78	.05	2	.78	.06	.10	1	215	-
E57961	1	6	2	45	.1	1	4	575	1.85	2	5	ND	2	55	1	2	2	21	.63	.055	6	1	.48	193	.10	7	.84	.08	.38	1	48	-
E57962	1	111	2	47	.1	2	4	682	1.87	2	5	ND	1	73	1	2	2	19	1.20	.060	6	2	.50	179	.09	2	.86	.07	.34	1	66	-
E57963	1	8	2	42	.1	1	4	578	1.69	2	5	ND	2	59	1	2	2	17	1.10	.056	6	1	.46	156	.08	2	.81	.06	.27	1	5	-
E57964	1	8	2	47	.1	2	4	583	1.80	3	5	ND	1	57	1	2	2	19	.83	.058	7	2	.50	179	.10	3	.86	.07	.32	1	7	-
E57965	1	7	3	44	.1	2	4	478	1.51	2	5	ND	2	70	1	2	2	17	.76	.057	6	1	.43	164	.09	2	.79	.06	.25	1	26	-
E57966	1	10	2	48	.1	2	4	563	1.74	2	5	ND	1	83	1	2	2	18	.89	.059	7	2	.51	189	.10	2	.98	.08	.33	2	6	-
E57967	1	24	3	46	.4	2	4	615	1.84	3	5	ND	2	73	1	2	2	20	1.01	.058	7	1	.50	189	.09	2	.94	.07	.32	1	20	-
E57968	1	26	2	37	.3	2	3	638	1.59	2	5	ND	1	67	1	2	2	12	1.80	.059	6	1	.40	80	.03	2	.86	.07	.11	1	255	-
E57969	3	44	2	42	3.7	2	5	678	1.98	2	5	5	2	69	1	2	2	14	1.62	.056	6	2	.46	110	.06	2	.86	.07	.16	1	4680	.139
E57970	1	8	2	49	.5	1	4	568	1.63	2	5	ND	1	61	1	2	2	15	.99	.059	6	1	.52	124	.08	2	.84	.06	.17	1	650	-
E57971	1	7	2	43	.3	1	4	688	1.66	2	5	ND	2	70	1	2	2	13	1.55	.056	7	1	.48	70	.03	4	.83	.05	.09	1	27	-
E57972	2	16	3	39	.4	2	7	657	1.66	2	5	ND	3	85	1	2	2	11	1.83	.052	8	1	.39	84	.02	2	.77	.05	.12	1	450	-
E57973	1	12	2	51	.1	1	4	623	1.81	2	5	ND	2	64	1	2	2	17	1.16	.063	7	1	.49	136	.07	2	.84	.06	.22	1	49	-
E57974	5	15	3	55	.3	2	5	837	2.58	5	5	ND	2	64	1	2	2	24	1.70	.081	8	2	.53	174	.07	2	.85	.06	.21	1	320	-
E57975	1	8	2	46	.4	2	4	556	1.61	2	5	ND	3	122	1	2	2	16	1.13	.058	7	1	.45	146	.06	2	.90	.07	.22	2	40	-
E57976	1	76	2	48	.5	1	4	717	1.66	2	5	ND	2	86	1	2	2	13	1.89	.060	8	1	.48	87	.03	2	.88	.06	.12	1	240	-
E57977	1	15	2	47	.7	1	4	691	1.69	2	5	ND	3	88	1	2	2	12	1.81	.059	7	1	.49	65	.02	2	.89	.05	.11	1	205	-
E57978	1	22	4	50	.1	1	4	649	1.72	3	5	ND	3	203	1	2	2	14	1.49	.061	10	1	.52	102	.02	2	1.09	.06	.11	1	91	-
E57979	1	10	2	45	.4	1	4	716	1.56	2	5	ND	2	100	1	2	2	13	2.34	.055	7	1	.44	83	.03	2	.97	.06	.14	1	83	-
E57980	1	6	3	50	.5	3	4	600	1.91	2	5	ND	3	86	1	2	2	22	.91	.062	8	2	.49	187	.10	4	1.03	.08	.36	1	7	-
E57981	1	21	4	46	.3	2	4	678	1.65	2	5	ND	2	121	1	2	2	14	1.75	.057	7	1	.45	127	.04	2	1.01	.07	.19	1	149	-
E57982	1	5	3	43	.5	2	4	507	1.57	3	5	ND	3	62	1	2	2	15	1.06	.056	8	2	.41	145	.03	2	1.21	.06	.25	1	11	-
E57983	1	46	2	49	.4	1	4	720	1.66	2	5	ND	2	77	1	2	2	14	1.74	.060	8	1	.48	102	.03	2	.86	.06	.14	1	192	-
E57984	1	40	2	46	.4	2	4	636	1.73	4	5	ND	2	72	1	2	2	17	1.28	.059	7	2	.46	144	.07	2	.83	.06	.24	1	90	-
E57985	1	59	3	41	.7	1	3	887	1.65	2	5	ND	2	99	1	2	2	11	2.42	.057	7	1	.43	71	.02	3	.75	.05	.11	1	420	-
E57986	1	14	2	47	.5	2	4	673	1.72	3	5	ND	3	61	1	2	2	18	1.53	.061	7	1	.43	159	.08	2	.85	.06	.29	1	101	-
STD C/AU-R	19	57	38	132	7.4	68	27	1051	4.08	43	18	8	37	47	18	17	19	56	.48	.088	38	56	.89	177	.07	34	1.95	.08	.14	11	495	-

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	SR 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
E57987	1	41	2	44	.8	3	4	816	1.89	3	5	ND	1	75	1	2	2	15	2.12	.057	6	3	.55	101	.04	9	.82	.06	.16	1	510
E57988	1	15	3	43	.2	2	4	741	1.78	3	5	ND	1	49	1	2	2	15	1.64	.054	7	1	.52	145	.05	14	.84	.06	.24	1	136
E57989	1	10	2	46	.2	2	4	653	1.75	2	5	ND	1	102	1	2	2	16	1.44	.058	6	1	.55	141	.05	2	.90	.06	.18	1	154
E57990	1	58	2	38	.9	2	4	652	1.69	2	5	ND	3	71	1	2	2	14	1.57	.048	7	2	.45	121	.05	2	.79	.06	.21	1	390
E57991	1	29	5	42	.4	2	4	689	1.75	2	5	ND	2	72	1	2	2	16	1.50	.054	6	2	.52	104	.05	10	.84	.07	.16	1	380
E57992	1	8	2	46	.3	2	4	613	1.91	2	5	ND	2	281	1	2	2	19	1.14	.053	8	2	.54	210	.08	3	1.16	.09	.33	1	15
E57993	1	34	3	39	.6	2	4	756	1.69	2	5	ND	2	87	1	2	2	12	2.24	.051	6	2	.47	71	.02	2	.83	.07	.12	1	210
E57994	1	26	4	42	.5	1	4	744	1.81	2	5	ND	2	68	1	2	2	13	1.85	.053	6	2	.53	65	.02	3	.88	.08	.11	2	76
E57995	1	41	2	39	.5	2	4	923	1.73	2	5	ND	1	88	1	2	2	9	2.75	.054	5	3	.48	72	.01	7	.84	.07	.13	1	260
E57996	5	58	3	33	.5	1	3	819	1.59	2	5	ND	1	70	1	2	2	8	2.61	.046	6	2	.44	60	.01	2	.82	.06	.10	1	400
E57997	2	45	2	42	.2	2	4	589	1.71	2	5	ND	1	58	1	2	2	15	1.07	.053	6	2	.52	127	.07	12	.81	.08	.17	1	158
E57998	1	19	3	47	.2	2	4	689	1.80	2	5	ND	1	68	1	2	2	14	1.52	.054	5	2	.59	78	.05	2	.95	.10	.11	1	55
E57999	1	9	2	43	.4	2	4	701	1.78	2	5	ND	2	66	1	2	2	13	1.71	.054	6	2	.53	99	.04	18	.85	.08	.16	1	7
E58000	1	10	3	44	.2	2	4	618	1.80	2	5	ND	2	56	1	2	2	17	.96	.053	6	2	.55	179	.08	2	.87	.08	.33	1	7
B11001	16	36	2	40	.6	2	3	650	1.64	2	5	ND	1	62	1	2	2	11	1.72	.047	6	2	.46	73	.02	2	.75	.07	.10	1	670
B11002	1	9	3	49	.2	2	4	638	2.16	2	5	ND	1	53	1	2	2	23	.61	.054	6	2	.61	226	.11	5	1.01	.11	.45	1	82
B11003	1	9	7	47	.2	2	4	651	2.11	2	5	ND	2	58	1	2	2	23	.69	.054	6	3	.59	202	.11	7	.98	.10	.42	1	11
B11004	1	7	4	47	.7	2	4	576	1.95	2	5	ND	1	55	1	2	2	20	.56	.050	5	2	.56	207	.10	19	.91	.10	.41	1	740
B11005	1	7	3	49	.2	2	4	604	2.05	2	5	ND	2	52	1	2	2	24	.57	.056	6	3	.57	220	.11	3	.98	.12	.46	1	10
B11006	1	7	2	43	.3	2	4	531	1.40	2	5	ND	1	87	1	2	2	11	1.18	.050	6	2	.49	119	.06	13	.88	.10	.19	1	63
B11007	1	11	7	47	.1	2	4	612	1.97	2	5	ND	1	55	1	2	2	22	.68	.052	6	2	.56	196	.10	2	.94	.11	.41	2	18
B11008	1	7	2	47	.3	2	4	616	2.07	2	5	ND	2	56	1	2	2	22	.61	.051	7	2	.57	214	.11	2	.93	.10	.43	1	9
B11009	1	7	4	48	.1	2	4	563	1.94	2	5	ND	2	53	1	2	2	22	.55	.052	6	2	.54	208	.11	2	.93	.10	.43	1	13
B11010	1	7	4	50	.1	2	4	638	2.19	2	5	ND	2	50	1	2	2	25	.53	.053	7	2	.59	220	.12	2	1.02	.12	.49	1	8
B11011	1	8	2	45	.2	2	4	560	1.71	2	5	ND	2	86	1	2	2	17	.80	.051	5	2	.52	177	.09	10	.88	.09	.33	2	97
B11012	1	8	4	44	.3	3	4	473	1.58	2	5	ND	3	75	1	2	2	16	.57	.052	6	2	.49	164	.09	3	.87	.10	.30	1	8
B11013	1	7	2	51	.1	2	4	650	1.96	2	5	ND	1	67	1	2	2	20	.88	.053	6	2	.59	209	.10	18	1.01	.11	.42	1	11
B11014	1	7	3	47	.2	2	4	581	1.97	2	5	ND	2	70	1	2	2	22	.54	.052	6	2	.55	208	.11	10	.95	.11	.43	1	2
B11015	1	8	3	44	.4	2	4	626	1.69	2	5	ND	2	72	1	2	2	15	1.37	.052	6	2	.48	150	.07	3	.85	.10	.27	2	215
B11016	1	11	3	42	.6	2	4	575	1.57	2	5	ND	2	64	1	2	2	14	1.17	.048	6	2	.46	140	.07	2	.79	.09	.23	1	178
B11017	1	7	3	47	.1	2	4	597	1.91	2	5	ND	2	62	1	2	2	20	.86	.053	6	2	.54	183	.09	2	.93	.10	.36	2	66
B11018	1	9	2	42	.2	2	4	698	1.98	2	5	ND	1	177	1	2	2	15	1.52	.050	6	2	.52	104	.04	2	.86	.06	.14	1	121
B11019	1	7	2	44	.6	2	4	498	1.52	2	5	ND	2	101	1	2	2	15	.81	.052	6	1	.49	146	.08	2	.84	.07	.24	1	21
B11020	1	9	4	47	.3	3	4	629	2.26	2	5	ND	2	81	1	2	2	17	1.00	.051	7	3	.54	153	.08	2	.94	.10	.26	1	7
B11021	1	7	3	44	.3	2	4	566	1.70	2	5	ND	2	61	1	2	2	17	.85	.049	6	1	.51	161	.08	2	.85	.07	.30	1	13
B11022	1	65	4	48	.1	3	4	668	1.88	2	5	ND	2	57	1	2	2	17	1.14	.054	6	2	.56	144	.07	3	.87	.07	.25	1	16
STD C/AU-R	17	57	37	130	7.4	70	27	1052	4.09	40	24	7	37	48	18	19	19	56	.49	.087	38	55	.92	175	.07	31	1.98	.08	.14	10	520

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	SR 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	AU** OZ/T
D11023	1	8	3	48	.1	1	4	486	1.57	3	5	ND	2	72	1	2	2	15	.62	.055	6	1	.48	145	.08	5	.85	.08	.32	2	6	-
D11024	15	8	4	40	1.8	2	8	526	2.14	2	9	2	2	62	1	2	2	15	.86	.050	5	1	.42	141	.07	2	.77	.08	.30	1	2090	.064
D11025	2	15	2	44	.1	2	3	558	1.88	2	5	ND	1	59	1	2	2	19	.76	.054	6	1	.47	163	.08	2	.84	.08	.38	1	69	-
D11026	13	10	2	44	.9	2	4	522	1.64	2	9	ND	3	71	1	2	2	13	.90	.056	6	2	.47	119	.07	2	.86	.09	.23	1	530	-
D11027	1	12	2	58	.1	5	5	694	1.87	2	5	ND	1	126	1	2	2	18	1.23	.060	6	10	.70	121	.07	2	1.11	.07	.17	1	34	-
D11028	1	9	2	46	.4	2	4	554	1.81	2	9	ND	3	61	1	2	2	18	.80	.057	7	1	.49	170	.09	2	.91	.09	.35	1	4	-
D11029	1	8	2	46	.1	2	4	512	1.65	2	5	ND	1	68	1	2	2	16	.75	.055	5	1	.46	142	.08	2	.86	.07	.28	1	2	-
D11030	1	10	2	48	.2	2	4	625	2.05	2	7	ND	2	77	1	2	2	22	.72	.054	6	2	.52	210	.10	2	1.09	.08	.48	1	5	-
D11031	1	7	2	45	.1	2	4	491	1.48	2	5	ND	1	81	1	2	2	13	.99	.055	6	1	.46	125	.07	2	.89	.08	.24	1	44	-
D11032	1	8	2	43	.2	2	4	523	1.84	2	5	ND	2	63	1	2	2	18	.77	.056	6	2	.45	170	.09	2	.86	.08	.36	1	6	-
D11033	1	6	2	47	.1	2	4	559	1.94	2	5	ND	1	56	1	2	2	22	.57	.054	6	1	.51	203	.10	2	.96	.09	.48	1	26	-
D11034	1	10	2	41	.1	1	3	611	1.55	2	6	ND	2	68	1	2	2	13	1.28	.053	5	1	.46	115	.06	8	.78	.06	.22	1	1	-
D11035	1	21	2	43	.1	1	3	600	1.70	2	5	ND	1	74	1	2	2	16	1.14	.056	6	1	.47	135	.07	2	.83	.07	.26	1	49	-
D11036	1	11	2	41	.1	1	3	626	1.59	2	5	ND	2	79	1	2	2	13	1.34	.053	6	1	.45	117	.05	2	.80	.06	.21	1	32	-
D11037	1	16	2	49	.2	2	4	651	1.98	3	5	ND	2	142	1	2	2	19	1.09	.059	7	2	.52	173	.08	3	.98	.08	.35	2	265	-
D11038	1	11	2	43	.2	2	4	544	1.82	2	5	ND	2	64	1	2	2	18	.82	.055	6	1	.49	169	.09	2	.85	.08	.35	2	4	-
D11039	1	15	2	44	.3	2	4	574	2.27	2	7	ND	2	63	1	2	2	22	.61	.054	7	2	.52	203	.10	2	.93	.09	.44	1	7	-
D11040	1	13	2	44	.1	2	4	561	1.79	2	5	ND	1	83	1	2	2	16	.90	.058	6	2	.52	168	.08	2	.91	.07	.33	1	4	-
D11041	1	9	2	44	.4	2	4	582	1.71	2	7	ND	2	82	1	2	2	17	.88	.057	6	1	.51	153	.08	2	.87	.07	.28	1	9	-
D11042	1	32	2	43	.3	2	4	559	1.66	2	5	ND	2	60	1	2	2	14	1.10	.057	6	1	.47	117	.07	4	.80	.07	.21	1	94	-
D11043	1	13	2	48	.1	1	4	531	1.73	2	5	ND	1	56	1	2	2	17	.74	.058	6	2	.54	182	.09	2	.92	.08	.41	2	18	-
D11044	2	10	2	46	.4	2	4	608	1.84	2	7	ND	2	64	1	2	2	17	1.13	.060	6	2	.54	151	.08	2	.89	.08	.30	1	25	-
D11045	2	10	2	37	.2	1	3	698	1.58	2	5	ND	2	74	1	2	2	12	1.87	.057	5	1	.42	89	.04	2	.75	.07	.15	1	4	-
D11046	1	10	2	45	.1	2	4	556	1.77	2	5	ND	2	72	1	2	2	18	.83	.058	6	2	.51	173	.10	2	.92	.08	.41	1	6	-
D11047	1	25	2	46	.1	2	4	553	1.90	2	5	ND	1	61	1	2	2	19	.71	.056	6	2	.53	181	.09	2	.91	.08	.42	1	11	-
D11048	1	12	3	44	.3	2	4	590	1.98	2	5	ND	2	79	1	2	2	20	.86	.055	6	2	.51	192	.09	2	.94	.08	.42	1	16	-
D11049	1	10	3	51	.1	2	4	585	1.97	2	5	ND	2	84	1	2	2	21	.61	.056	6	2	.53	211	.11	2	1.00	.10	.47	1	1	-
D11050	1	11	3	46	.1	2	4	532	1.73	2	5	ND	1	64	1	2	2	16	.80	.055	6	2	.48	164	.09	2	.84	.07	.33	1	4	-
D11051	1	8	3	48	.1	2	4	548	1.86	2	5	ND	1	59	1	2	2	20	.67	.061	6	2	.50	178	.10	2	.93	.10	.43	2	7	-
D11052	1	9	2	43	.2	1	4	458	1.52	2	5	ND	2	102	1	2	2	15	.70	.052	6	1	.44	164	.08	2	.85	.08	.34	1	27	-
D11053	1	8	2	37	.1	1	3	333	1.08	2	5	ND	1	76	1	2	2	9	.72	.047	5	1	.34	112	.06	2	.71	.08	.21	1	44	-
D11054	1	7	2	45	.3	2	4	511	1.68	2	5	ND	2	54	1	2	2	16	.73	.056	6	1	.46	166	.09	2	.81	.07	.34	1	38	-
D11055	1	14	2	48	.1	2	4	533	1.64	3	5	ND	1	113	1	2	2	15	.94	.056	6	2	.48	144	.08	2	.92	.09	.28	1	40	-
D11056	1	9	2	47	.3	2	4	535	1.84	2	6	ND	2	65	1	2	2	20	.55	.055	6	2	.49	194	.10	2	.89	.09	.42	2	4	-
D11057	1	21	2	46	.3	1	4	655	1.77	2	5	ND	1	131	1	2	2	15	1.43	.056	6	1	.47	131	.07	2	.89	.09	.21	1	350	-
D11058	1	14	2	47	.1	2	4	491	1.57	2	5	ND	1	62	1	2	2	14	.86	.055	6	2	.46	164	.08	2	.83	.08	.29	2	142	-
STD C/AU-R	19	59	39	132	7.3	68	27	1032	4.04	38	22	7	36	47	17	18	20	55	.49	.085	37	55	.89	171	.07	32	1.92	.07	.14	12	510	-

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	SR 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
B11059	1	11	5	51	.1	2	4	568	2.00	2	5	ND	2	86	1	2	2	20	.74	.059	7	2	.55	210	.11	14	1.03	.09	.46	1	19
B11060	1	9	2	49	.1	2	4	552	1.88	2	5	ND	2	72	1	2	2	19	.70	.061	6	2	.50	164	.09	2	.90	.07	.35	1	1
B11061	1	11	4	46	.1	1	4	446	1.39	2	5	ND	1	103	1	2	2	13	.80	.055	6	2	.45	125	.07	10	.86	.06	.22	1	7
B11062	1	9	2	48	.1	2	4	516	1.66	2	5	ND	2	81	1	2	2	16	.84	.057	6	1	.50	153	.08	3	.91	.07	.28	2	2
B11063	1	11	2	46	.4	2	4	640	1.94	2	5	ND	2	65	1	2	2	18	1.14	.057	6	2	.50	164	.08	3	.89	.07	.32	1	605
B11064	1	9	5	48	.1	2	4	569	1.99	3	5	ND	2	56	1	2	2	21	.61	.055	6	1	.50	196	.10	2	.94	.09	.47	2	4
B11065	1	9	3	48	.1	2	4	611	2.03	2	5	ND	2	60	1	2	2	21	.79	.058	7	2	.52	188	.10	3	.98	.10	.44	2	28
B11066	1	10	2	50	.1	2	4	610	1.96	2	5	ND	1	57	1	2	2	19	.86	.059	6	2	.52	164	.09	2	.92	.07	.36	2	86
B11067	1	21	4	45	.2	2	4	561	1.81	2	5	ND	3	64	1	2	2	18	.91	.055	6	3	.50	168	.09	2	.89	.08	.34	1	43
B11068	1	9	5	48	.1	2	4	547	1.90	2	5	ND	2	52	1	2	2	19	.63	.056	6	2	.53	189	.09	2	.93	.08	.43	2	5
B11069	1	17	3	47	.2	2	4	557	1.80	2	5	ND	2	53	1	2	2	18	.83	.056	6	2	.52	185	.09	2	.90	.08	.40	2	44
B11070	1	12	2	49	.1	2	4	553	1.98	2	5	ND	1	60	1	2	2	19	.65	.056	6	2	.52	188	.10	14	.95	.09	.43	1	35
B11071	1	8	3	48	.1	1	4	541	1.73	2	5	ND	1	64	1	2	2	17	.76	.058	6	1	.51	169	.09	2	.91	.08	.37	1	22
B11072	1	15	2	46	.3	2	4	653	1.92	2	5	ND	2	62	1	2	2	17	1.30	.058	6	2	.51	141	.08	2	.88	.07	.29	1	37
B11073	1	10	2	44	.2	2	4	615	1.73	2	5	ND	2	83	1	2	2	14	1.40	.055	6	2	.45	128	.07	2	.86	.07	.23	2	142
B11074	1	11	3	44	.1	2	4	506	1.63	2	5	ND	2	126	1	2	2	14	1.09	.055	6	2	.44	145	.07	2	.87	.07	.27	1	22
B11075	1	9	2	44	.1	1	4	488	1.53	2	5	ND	1	103	1	2	2	13	.94	.055	5	2	.47	124	.07	2	.84	.06	.24	2	18
B11076	1	12	4	45	.1	2	4	491	1.65	2	5	ND	2	59	1	2	2	16	.70	.056	6	2	.49	159	.08	2	.84	.07	.34	1	7
B11077	1	8	2	50	.1	2	4	575	2.05	2	5	ND	1	52	1	2	2	22	.51	.058	6	2	.53	205	.10	2	.96	.09	.48	1	1
B11078	1	7	2	46	.1	1	4	555	1.81	2	5	ND	2	47	1	2	2	18	.65	.055	5	2	.49	180	.09	2	.85	.08	.40	1	17
B11079	1	7	3	34	.1	2	3	571	1.74	2	5	ND	1	60	1	2	2	12	1.23	.056	6	2	.42	111	.06	2	.77	.07	.22	2	24
B11080	1	6	3	47	.1	1	4	608	2.15	3	5	ND	2	50	1	2	2	23	.57	.055	6	2	.52	199	.11	2	.95	.09	.48	1	17
19300N 4650E	1	6	3	1	.2	2	1	33	.69	2	5	ND	1	2	1	2	2	2	.02	.001	2	2	.01	15	.01	2	.07	.01	.04	1	645
STD C/AU-R	18	57	38	133	7.2	68	27	1052	4.22	44	21	7	37	47	18	16	19	56	.51	.088	38	56	.92	177	.07	33	1.92	.08	.14	12	500

CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

FIGURE 4 N.T.S. 103 J/2

1987 DRILL PROGRAM

CONTOUR INTERVAL - 100 FEET

metres 50 0 50 100 150 200 metres

SCALE: 1:2500

DATE: FEBRUARY, 1988

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,735

GEOLOGIST: C.A. TAYLOR

DRAWN BY: J. CORKUM

LEGEND

QTZ DIOR
QUARTZ DIORITE - FELSIC CENTRAL DIORITE BODY (CRETACEOUS)

HBLD QTZ DIOR
MAFIC RIDGE HORNBLENDE QUARTZ DIORITE PHASE

PR SCHIST
PERMO - JURASSIC PRINCE RUPERT SCHIST CONSISTING OF AMPHBOLITES, SCHISTS, GNEISSES, GABBRO, META - DIORITE AND META - VOLCANICS

an ANDESITE DYKE

b BASALT DYKE

x SOIL SAMPLE WITH ANALYSIS OF Au IN ppb

SILT SAMPLE WITH ANALYSIS OF Au IN ppb

ROCK SAMPLE WITH ANALYSIS OF Au IN ppb

GEOCHEM GRID WITH SAMPLE STATIONS

UNDERGROUND 1015 LEVEL WORKINGS

UNDERGROUND 1110 LEVEL WORKINGS

SHEAR

FOLIATION AND DIP

ASSUMED GEOLOGICAL CONTACT

CLAIM BOUNDARY

CLAIM POST

ORE ZONE

DDH LOCATION

MINE GRID

Edye Pass

EDWIN POINT

Useless Bay

REWARD C.G.
6955

NABOB C.G.
7192

PIRATE C.G.
6953

JEANIE C.G.
7191

WESTERN HOPE C.G.
6516

TRIXIE
6515

6519

6513

6514

6518

6517

7188

2443

7190

7312

7189

PIC GRID

PIA GRID

PIB GRID

EDWIN SHEAR

EDYE SHEAR

EDYE MINE PORTAL

EDYE PASS ADIT

ADIT No 4

ADIT No 3

ADIT No 2

ADIT No 1

SURF POINT MINE

19250 N BASE LINE

PISP 700 W LINE

P8900N 0+50N - 22+00N

BR 1

BR 2

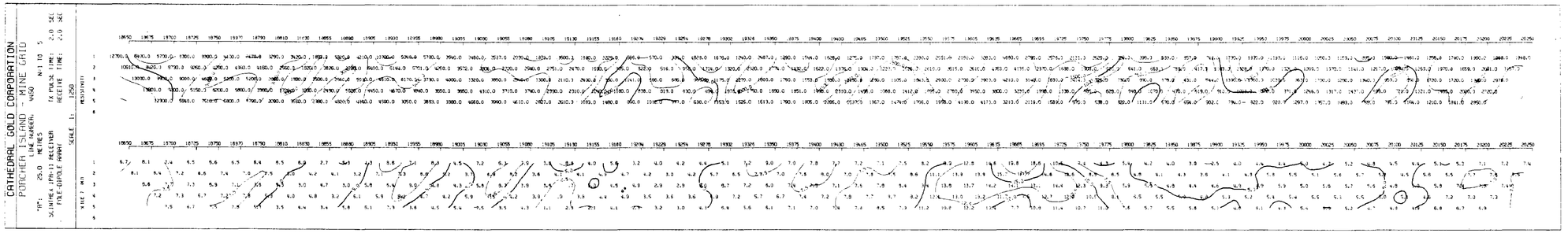
TIPPY

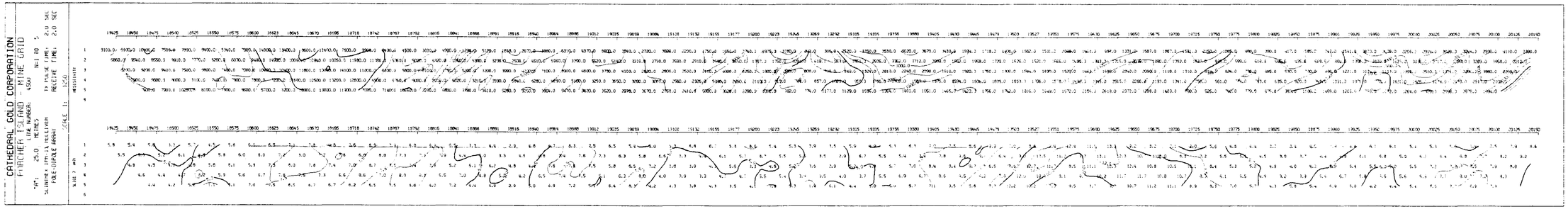
TOBY 1

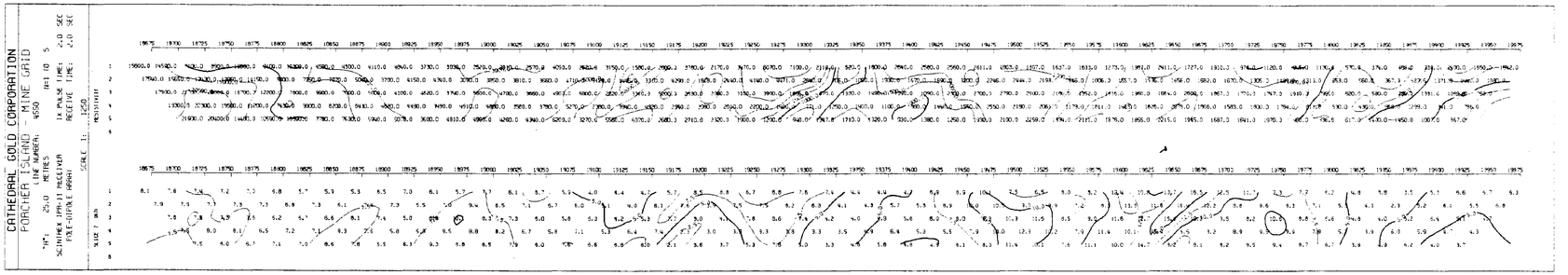
TOBY 2

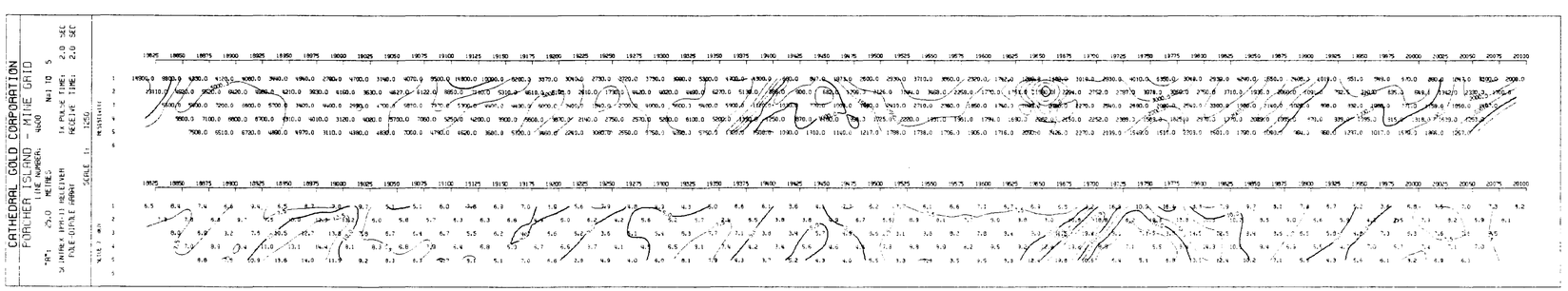
KERRY

SOUTH HALF - SEE FIGURE 3b









GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,735

CATHEDRAL GOLD CORPORATION
PORCHER ISLAND

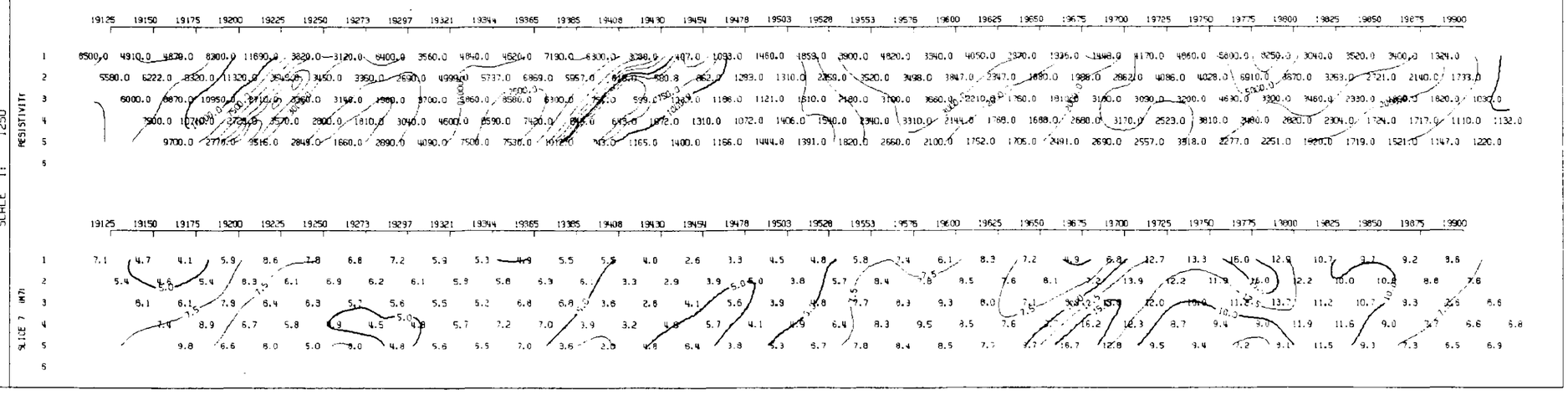
FIGURE 5A

INDUCED POLARIZATION
PSEUDOSECTIONS

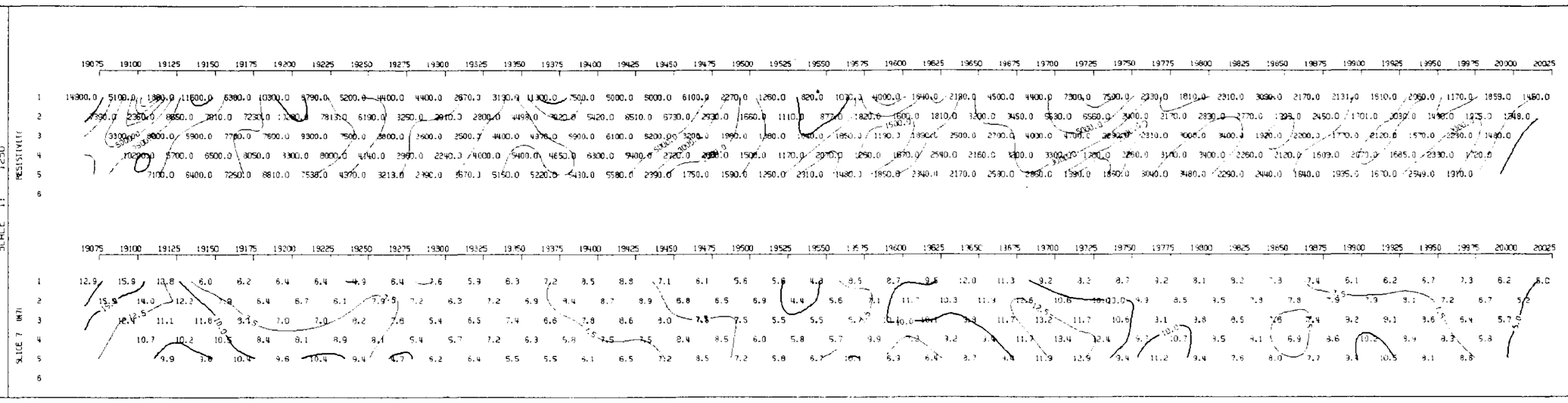
m 0 20 40 60 80 m

SCALE: 1:1250 — GEOLOGIST: A TAYLOR
DATE: FEBRUARY, 1988 — DRAWN BY:

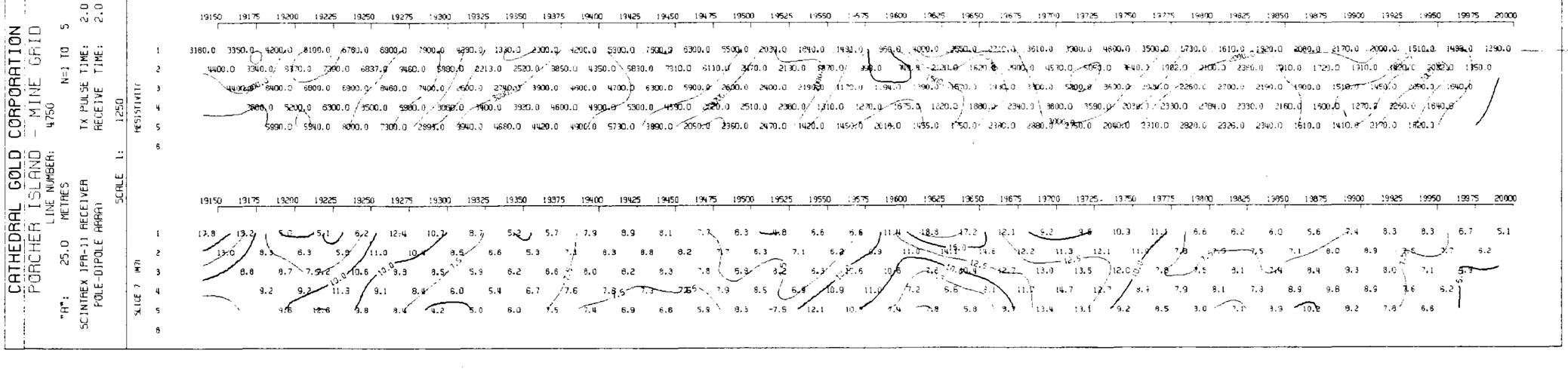
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND - MINE GRID
LINE NUMBER: 4650
"A": 25.0 METRES N=1 TO 5
SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC
POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC
SCALE 1: 1250



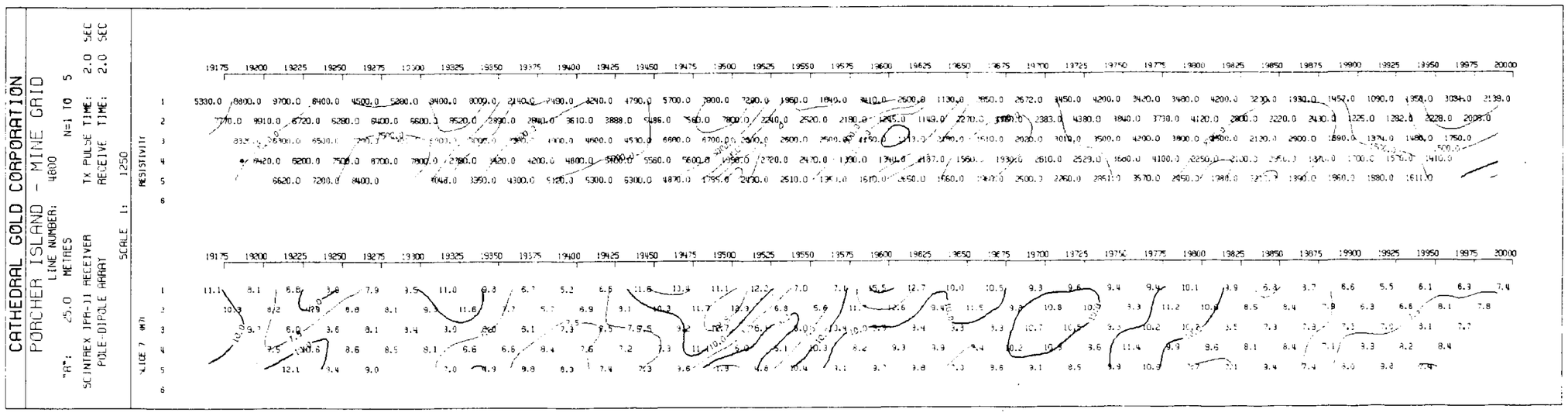
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND - MINE GRID
LINE NUMBER: 4700
"A": 25.0 METRES N=1 TO 5
SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC
POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC
SCALE 1: 1250



CATHEDRAL GOLD CORPORATION
PORCHER ISLAND - MINE GRID
LINE NUMBER: 4750
"A": 25.0 METRES N=1 TO 5
SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC
POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC
SCALE 1: 1250

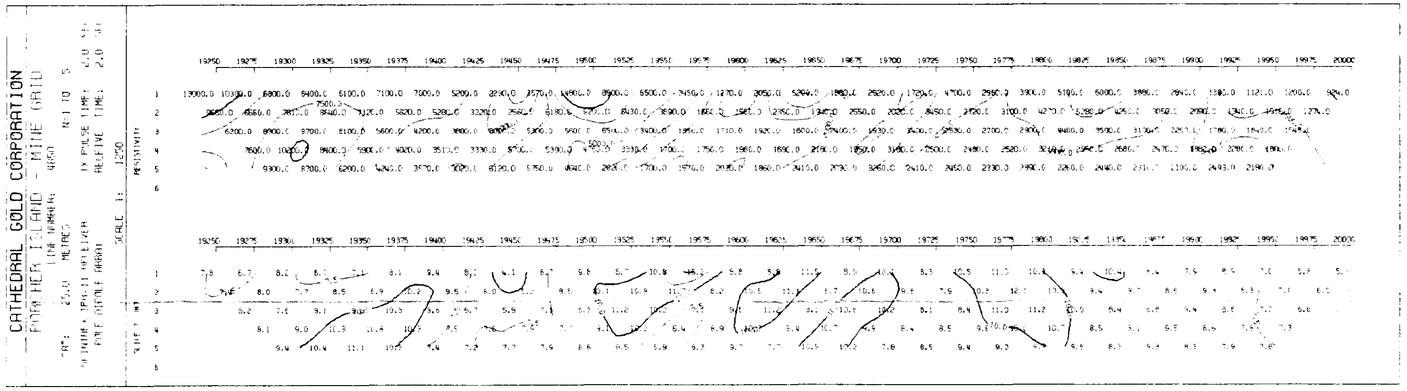


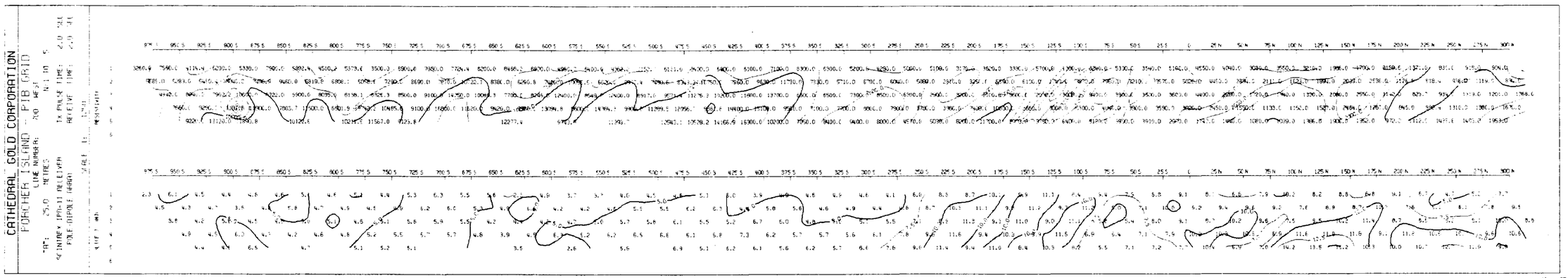
CATHEDRAL GOLD CORPORATION
PORCHER ISLAND - MINE GRID
LINE NUMBER: 4800
"A": 25.0 METRES N=1 TO 5
SCINTREX IPA-11 RECEIVER TX PULSE TIME: 2.0 SEC
POLE-DIPOLE ARRAY RECEIVE TIME: 2.0 SEC
SCALE 1: 1250

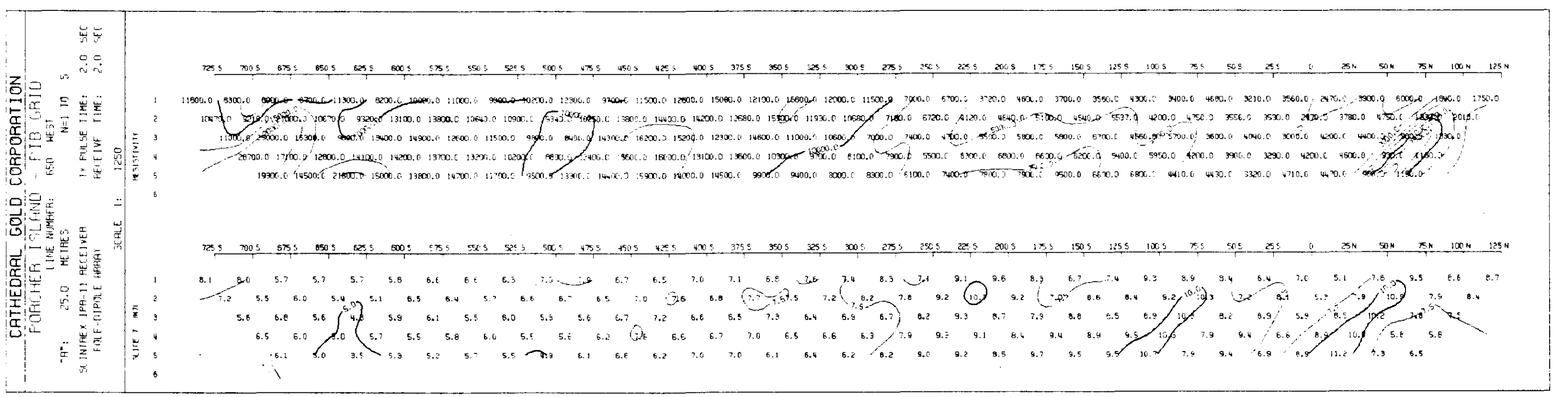


CATHEDRAL GOLD CORPORATION
PORCHER ISLAND
FIGURE 5B
INDUCED POLARIZATION PSEUDOSECTIONS
m 0 20 40 60 80 m
SCALE 1:1250
GEOLOGIST A TAYLOR
DATE FEBRUARY, 1988
DRAWN BY

10,73







CATHEDRAL GOLD CORPORATION

PORCHER ISLAND

FIGURE 5C

INDUCED POLARIZATION PSEUDOSECTIONS

m 0 20 40 60 80 m

SCALE 1:1250	GEOLOGIST A.TAYLOR
DATE FEBRUARY, 1988	DRAWN BY