

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

85-406-13814

13,914

DIAMOND DRILLING REPORT

ON THE

DIADEM, LOIS 5-6-8-9 CLAIMS

VANCOUVER MINING DIVISION

Latitude: 50°00'N

Longitude: 124°02'W

NTS: 92 K/1 and F/16

OWNERS: ANACONDA CANADA EXPLORATION LTD.

VANCOUVER, BRITISH COLUMBIA

(Lois Claims)

FURY EXPLORATION LTD.

VANCOUVER, BRITISH COLUMBIA

(Diadem Claim)

OPERATOR: ANACONDA CANADA EXPLORATION LTD.

L. Riccio, PhD

June, 1985

## TABLE OF CONTENTS

	PAGE
LIST OF FIGURES	ii
LIST OF TABLES	ii
LIST OF APPENDICES	ii
SUMMARY	1
INTRODUCTION	2
LOCATION, OWNERSHIP, ACCESS	2
DIAMOND DRILLING PROGRAM	4
Results	7
Lithology and Structure	8
Sulphide Mineralization and Alteration	8
Sulphide Zones	9
CONCLUSIONS AND RECOMMENDATIONS	11
REFERENCES	12
STATEMENT OF COSTS	13
STATEMENT OF QUALIFICATIONS	14

## LIST OF FIGURES

	PAGE
FIGURE 1: Property Location map.	3
FIGURE 2: Claim map.	5
FIGURE 3: Drill Plan Compilation.	15
FIGURE 4: Cross section DDH 84-1	16
FIGURE 5: Cross section DDH 84-2	17
FIGURE 6: Cross section DDH 84-3, 4	18
FIGURE 7: Cross section DDH 84-5	19
FIGURE 8: Cross section DDH 84-6	20
FIGURE 9: Cross section DDH 84-7	21
FIGURE 10: Cross section DDH 84-8	22
FIGURE 11: Cross section DDH 84-9	23

## LIST OF TABLES

TABLE 1: Diamond Drill hole Summary.	6
TABLE 2: Significant Drill Intercepts.	24

## LIST OF APPENDICES

APPENDIX I - DIAMOND DRILL LOGS	27
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## SUMMARY

Nine BQ holes totalling 899.3 m were diamond drilled in 1984 to investigate known polymetallic, silver-bearing sulphide mineralization exposed in trenches and open cuts in the vicinity of the Upper Adit. This program outlined three en echelon, stratabound, stringer sulphide zones, up to 30 m wide and aggregating 120 m in length, occurring in brecciated and altered (quartz-chlorite-epidote ± garnet) banded argillites at or near contacts with intercalated chloritic flows and sills. The sulphide zones consist of high grade polymetallic pods enveloped by low grade, Ag-poor, Zn ± Cu mineralization. Best intercepts, in DDH-84-4, assayed 0.79% Cu, 2.74% Pb, 1.61% Zn, 135 g/t Ag over 12 m including 2.1% Cu, 7.9% Pb, 2.5% Zn, 359.5 g/t Ag over 4 m. Work to date indicates that the mineralized zones are open to the south. It is recommended that the massive sulphide potential of the pendant be further investigated through drilling and detailed lithogeochemical sampling.

## INTRODUCTION

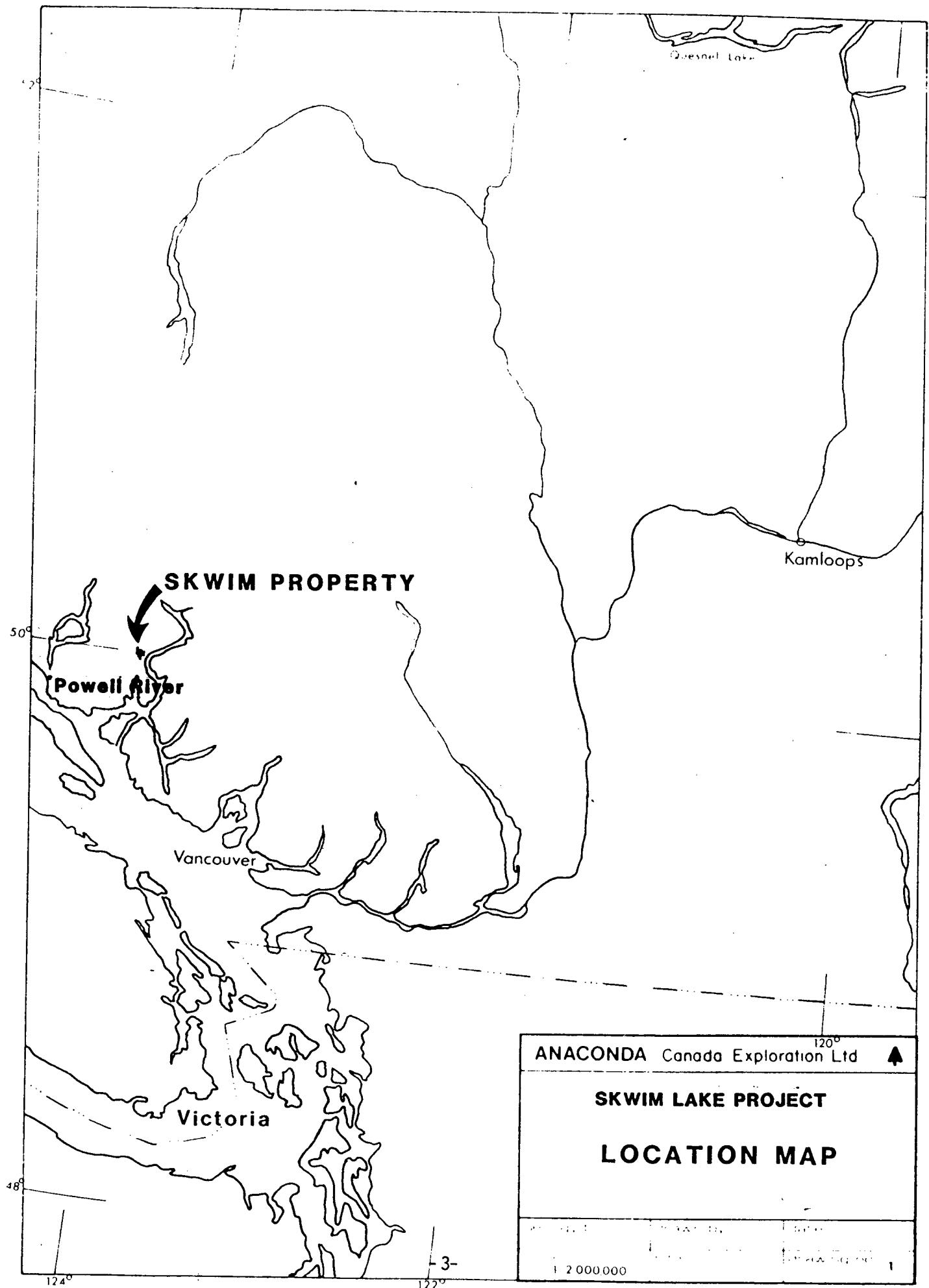
In 1983 Anaconda Canada Exploration Ltd carried out a program of geological mapping, soil, stream and rock sampling, EM and magnetometer surveys (Riccio et.al. 1983) to explore for precious metal-rich volcanogenic massive sulphides within the Skwim Lake Pendant south of Jervis Inlet. Known silver ± gold bearing polymetallic sulphide showings exposed in two areas (Upper and Lower Adit Zones) located 800 m apart and separated by 300 m vertical relief and precipitous terrain were re-examined, trenched and extensively sampled.

Sampling results outlined significant (2-3 m wide) mineralized zones carrying 200-400 g/t Ag and 10% or more combined base metals. Geological and geophysical data indicated these mineralized zones to be spatially related to the contact between Unit 2 volcanics (chloritic rocks) and Unit 3 sediments (banded argillites) and to coincide with a series of subparallel EM conductors intermittently traceable for several km along this contact zone. Based on this information, a decision was made to drill test the Upper Adit Mineralized Zone between the Upper Adit and the cliffs to the south, a distance of 200 m. The purpose of this program was to establish continuity and geological controls of known sulphide mineralization.

This report summarizes the results of the 1984 drill program. For information regarding property geology and previous exploration activities in the area the reader is referred to the 1983 report by Riccio et.al.

## LOCATION, OWNERSHIP AND ACCESS

The property is located 35 km ENE of Powell River and 100 km NW of Vancouver, B.C. (Figure 1, page 3) in the Vancouver Mining Division.



The claims are recorded as follows:

Claim Name	Units	Record No.	Month of Record	Ownership
Diadem	9	435	June	Fury Explorations
Lois 5	20	1275	October	Anaconda Canada
Lois 6	20	1276	"	" "
Lois 8	20	1278	"	" "
Lois 9	20	1279	"	" "

Access to the 1984 drill area is by helicopter. A newly built logging road along the Lois River Valley reaches the southern boundary of the Diadem claim (Figure 2, page 5) to within 900 m of the Lower Adit.

#### DIAMOND DRILLING PROGRAM

Nine BQ holes totalling 899.3 m were diamond drilled on the Diadem claim between August 21st and October 2, 1984. Drilling was efficiently performed by M & B Drilling Ltd of Powell River, B.C., employing a Boyles 15 A drill. Moves were skillfully executed by Rotortech Helicopters Ltd with a 61 m (200 ft) longline cable. Average helicopter time for a drill move was 1.5 hours. Complete mob-demob and moves between drill sites were accomplished on average in one day. Drill pad set-ups were made with available timber and required direct bedrock anchoring to the drill frame. Very hard ground resulted in 2 abandoned holes (DDH 84-2 and 7). Bit, core barrel, and rods were left in DDH 84-2 and 84-3. Except for the first couple of metres of each hole, core recovery was excellent. A mislatch in DDH 84-4 resulted in 2.3 metres of lost core.

Acid tests were done at the bottom of each hole. The inclination of DDH 84-1 is  $-45^\circ$  initially and  $-37^\circ$  at 134.7 m depth. All other holes

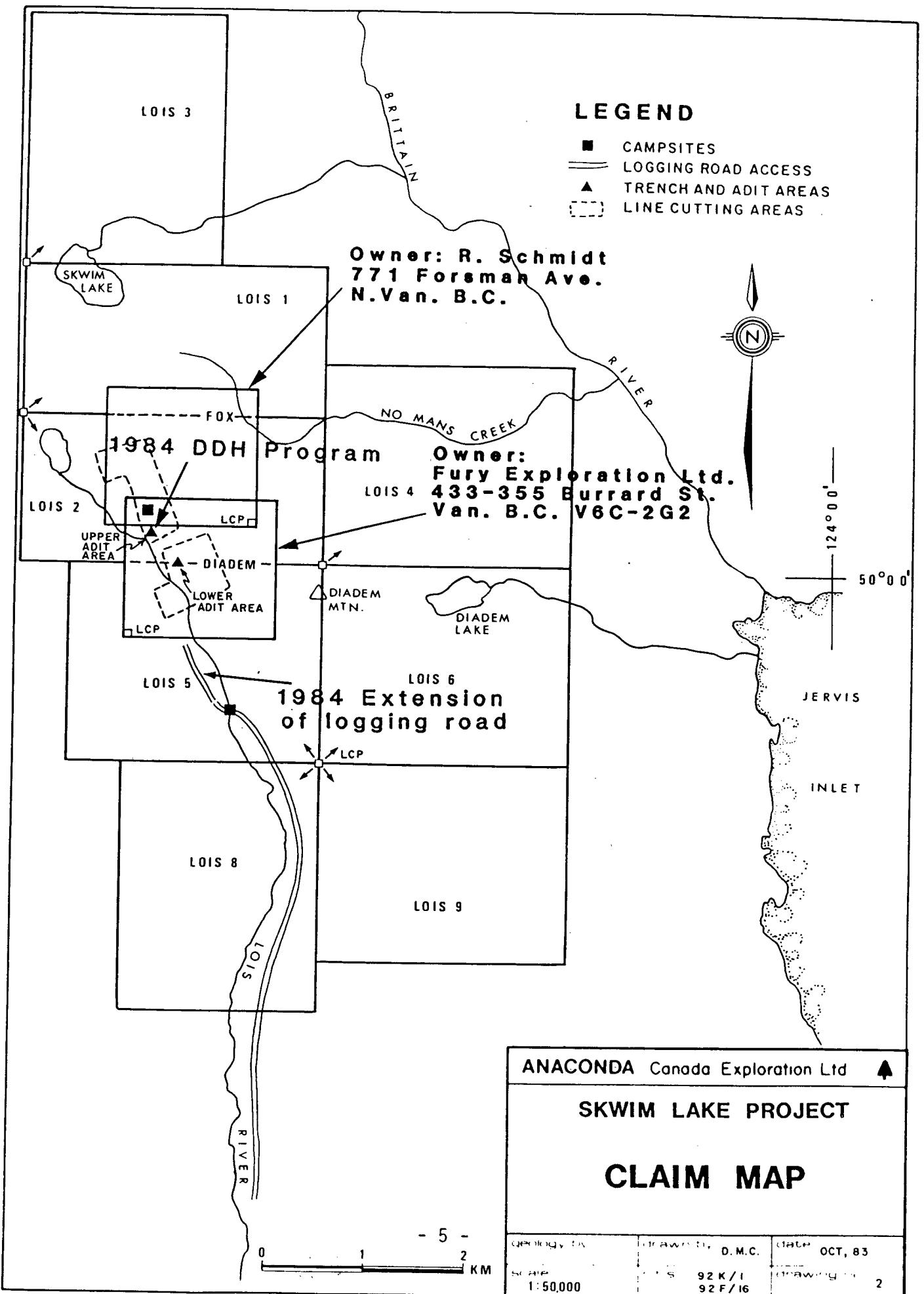


TABLE 1

## Diamond Drill Hole Summary

Hole No.	Grid Coordinates	Elevation (m)	Inclination	Azimuth	Final Depth (m)
1	2+24S 0+47E	1150	-45°	260°	134.7
2	2+74S 0+58E	1145	-50°	260°	75.0
3	1+70S 0+11E	1155	-45°	260°	41.5
4	1+70S 0+11E	1155	-70°	260°	88.8
5	1+22S 0+25W	1174	-48°	080°	93.6
6	1+22S 0+25W	1174	-58°	145°	124.1
7	0+68S 0+23W	1182	-47°	270°	79.6
8	2+17S 0+35W	1133	-65°	047°	159.2
9	2+69S 0+19W	1126	-60°	100°	102.8
				TOTAL	899.3

deviated <1° from their initial dip. Drill data is summarized in Table 1 (page 6).

Drill core samples were shipped directly to Bondar-Clegg and Company Ltd. At Bondar-Clegg the whole sample is put through a primary jaw crusher followed by a secondary core crusher (80% - 10 mesh). A representative split of approximately 250 gms is obtained by passing the entire crushed sample through a Jones riffle splitter. This split is then pulverized for 2 1/2 minutes in a ring and puck grinder which reduces the particle size to 99% - 100 mesh.

From this sample a split was treated with hot perchloric-nitric-HCl solution to extract Cu, Pb, Zn and Ag. The resultant solution was analyzed by conventional atomic absorption methods for the above. Gold on all samples was analyzed by fire assay according to the following procedure. Samples were analyzed on a 0.5 assay/ton or 1.0 assay/ton basis depending on fusability. The doré bead was dissolved and analyzed by A.A. for Au. Samples in excess of 0.20 o.p.t. were re-assayed and finished by the classic method of reweighing the gold bead.

### Results

Diamond drilling results are summarized in Figures 3 to 11 (Geological Compilation Plan and Cross Sections, pages 15 to 23) and Table 2 (Significant Assay Intervals, pages 24-26). Diamond drill logs are shown in the accompanying Appendix. Detailed descriptions of the geology and mineralization are summarized below.

## Lithology and Structure

Rock types encountered in the drill program include:

- a) grey-black, thinly bedded to finely laminated argillites, cherty argillites, and argillaceous siltstones alternating with greyish-white tuffaceous sandstones,
- b) green, fine-grained andesitic flows (or tuffs?) intercalated with the sedimentary package;
- c) green, medium-grained diorites; and
- d) grey, feldspar porphyritic dacitic to andesitic dykes. Contacts between andesite and diorite is generally transitional, both rock types being composed of chlorite (30-50%), epidote (15-20%), oligoclase (20-30%) and subordinate pyrrhotite.

Bedding to core orientations coupled with surface structural observations indicate consistent easterly dips steepening from east to west south of line 1+50S, and subvertical to steep westerly dips north of that line.

## Sulphide Mineralization and Alteration

Sulphide mineralization observed in drill core consists of stringers, veinlets, blebs, bands, pods and minor disseminations of pyrrhotite, chalcopyrite, sphalerite, galena, minor tetrahedrite, and trace arsenopyrite within brecciated, quartz-chlorite-epidote ± garnet altered portions of the argillite unit. Stringers and veinlets of pyrrhotite, chalcopyrite, sphalerite and rare galena also occur in fine grained chloritic andesites and locally in chloritized diorites. Some barren diorite bodies sandwiched between mineralized andesites (e.g. 98.9-103.4 m in DDH 6) appear to postdate the mineralization event.

Four main mineral assemblages are recognized:

- a) pyrrhotite-sphalerite
- b) phrrhotite-sphalerite-galena
- c) pyrrhotite-chalcopyrite ± tetrahedrite and

d) pyrrhotite-sphalerite-chalcopyrite-galena

High silver values correlate positively with high copper and/or lead contents suggesting a genetic link between silver, galena, and probably tetratedrite. The presence of garnet within the alteration assemblage is also an indicator of high silver values.

#### Sulphide Zones

Three main base metal bearing sulphide zones, (Northern, Central, and Southern, page 12) have been delineated by drilling and surface trenching.

The northern sulphide zone is up to 30 m wide and can be traced from Line 1+50S to trench 7, a distance of approximately 50 m. It is truncated by an ENE trending fault-shear just north of trench 4 and possibly offset to the west by another ENE trending fault between lines 1+50S and 1+75S. This zone was intersected in DDH 3, 4 and 6. It was not penetrated by DDH 8 (Figure 10, page ) due to a combination of easterly dipping stratigraphy and steep inclination ( $65^{\circ}$ ) of the hole. The central zone consists of two "high grade" mineralized horizons (10-30% sulphides) occurring mostly in sediments at the contact with a chloritic andesite unit. The two horizons are separated and enveloped by low grade pyrrhotite-sphalerite mineralization (2-6% sulphides). The upper horizon contains up to 76.1 g/t Ag and 2.95% combined base metals over 1.5 m (22.2-23.7 m, DDH 3). The lower horizon averages 12.51% combined base metals and 359.4 g/t Ag over 4 metres (27.2 - 31.2 m DDH 3). Metal zonation within this intercept is from top to bottom: Cu-Ag; Cu-Pb-Zn-Ag; Pb-Zn-Ag. In contrast, the lower mineralized horizon, encountered in DDH 4 only, contains one narrow Cu-Ag zone (46.3 - 47.3 m) which is cut by a dacitic dyke and underlain by weakly geochemically anomalous sediments. This relationship suggests that the bottom 2/3 of the lower horizon in DDH 4 may have been faulted off.

The Central Zone, intersected in DDH 1, consists of four discrete short (0.5-1.5 m) intervals assaying up to 47.1 g/t Ag and 5.02% combined base

metals, mutually separated and enveloped by lower grade mineralization (0.42% Cu, 0.29% Pb, 0.77% Zn, 19.3 g/t Ag over 15.25 m). This zone occurs in sediments overlying intercalated andesitic flows, dioritic sills, and minor argillite.

The Southern Zone as intersected in DDH 9 consists of a 7.7 m interval (70.7-78.4 m) enriched in sphalerite and galena (0.1% Cu - 1.48% Pb - 1.53% Zn - 40.8 g/t Ag) overlain by low grade Zn-Pb mineralization (.02% Cu - .09% Pb - 0.36% Zn - 4.6 g/t Ag over 11.5 m) in turn overlain by discontinuously weakly mineralized intervals with progressively higher Cu/Zn ratios and minor to no lead. The southern zone occurs in sediments overlying a thin green chloritic andesite flow.

A zone of base-metal silver mineralization hosted by green chloritic andesite was intersected in the bottom 5.7 m of DDH 7. Unfortunately this zone, which averages 7.93% combined base metals and 68.9 g/t Ag over a short interval (0.7 m) could not be fully evaluated because of a drill breakdown.

## CONCLUSIONS AND RECOMMENDATIONS

The 1984 diamond drill program at the Skwim property established the presence of three steeply dipping, en echelon, polymetallic base-metal silver zones south of the Upper Adit. The three zones are up to 30 m wide and occur over an aggregate strike length of 120 m. Assay values in the northern zone range up to 0.79% Cu, 2.74% Pb, 1.61% Zn, 135 g/t Ag over 12 m and 2.1% Cu, 7.9% Pb, 2.5% Zn, 359.5 g/t Ag over 4 m. Overall grades of the Central and Southern zones are 0.47% Cu, 0.29% Pb, 0.77% Zn, 19.3 g/t Ag over 15.25 m and 0.1% Cu, 1.48% Pb, 1.53% Zn, 40.8 g/t Ag over 7.7 m respectively. The three zones are made up of stringer mineralization, display metal zonation, and appear to be stratabound. They are largely confined to brecciated, quartz-chlorite-epidote ± garnet altered portions of banded argillites at/or near contacts with intercalated chloritic andesites. Based on these features the three zones can be interpreted to represent syngenetic (volcanogenic ?) sulphide horizons probably remobilized during deformation and metamorphism accompanying the intrusion of Coast Range granitoids. If this is the case, contact zones between sediments and volcanics, especially those characterized by hydrothermal alteration, anomalous geochemistry, and coincident  $\text{Em}$  conductors should be carefully investigated.

Further work at the property should include : a) additional drilling between the cliffs south of DDH-84-9 and the Lower Adit to establish continuity of sulphide mineralization along the contact zone between Units 2 and 3 ; b) soil and lithogeochemical follow up along the same contact zone between the Upper Adit and Skwim Lake. Areas with coincident geochemical and geophysical signatures should subsequently be drill tested ; c) Lithogeochemical follow up of hydrothermally altered (silica-pyrite±sericite) intermediate to felsic tuffs exposed near Mt. Diadem and in the northern part of the Upper Grid between lines 13 N and 17 N.

REFERENCES

Riccio, L., Crowe, G., Scott, A., Matysek, P.,(1983) - Skwim Project,  
Final Report 1983 - Anaconda's Internal Report.

STATEMENT OF COSTS

**Personnel**

L. Riccio, Senior Geologist 4 days @ 200	\$ 800.00
A. Kikauka, Geologist 45 days @ 110	<u>4,950.00</u>
	<b>\$ 5,750.00</b>

**Diamond Drilling**

899 m @ 61.91 m	<b>55,657.09</b>
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**Geochemistry**

351 Au assays @ 6.50/sample	2,281.50
100 Cu, Pb, Zn, Ag assays @ 27.735/sample	2,773.50
248 Au geochem @ 7.32/sample	<u>1,816.13</u>
	6,871.13

**Travel**

**Helicopter Support**

41.9 hrs @ 450/hr	18,855.00
JPH Fuel	<u>819.51</u>
	19,674.51

<b>Engineering and Field Supplies</b>	<b>699.54</b>
Drafting Supplies	123.70
Office Supplies	180.64
Vehicle Rentals	980.42
Field Equipment Rentals	400.00
Telecommunications	605.74
Drafting and Report Preparation	<u>2,000.00</u>

<b>TOTAL COSTS</b>	<b>\$93,825.92</b>
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STATEMENT OF QUALIFICATIONS

Luca Riccio

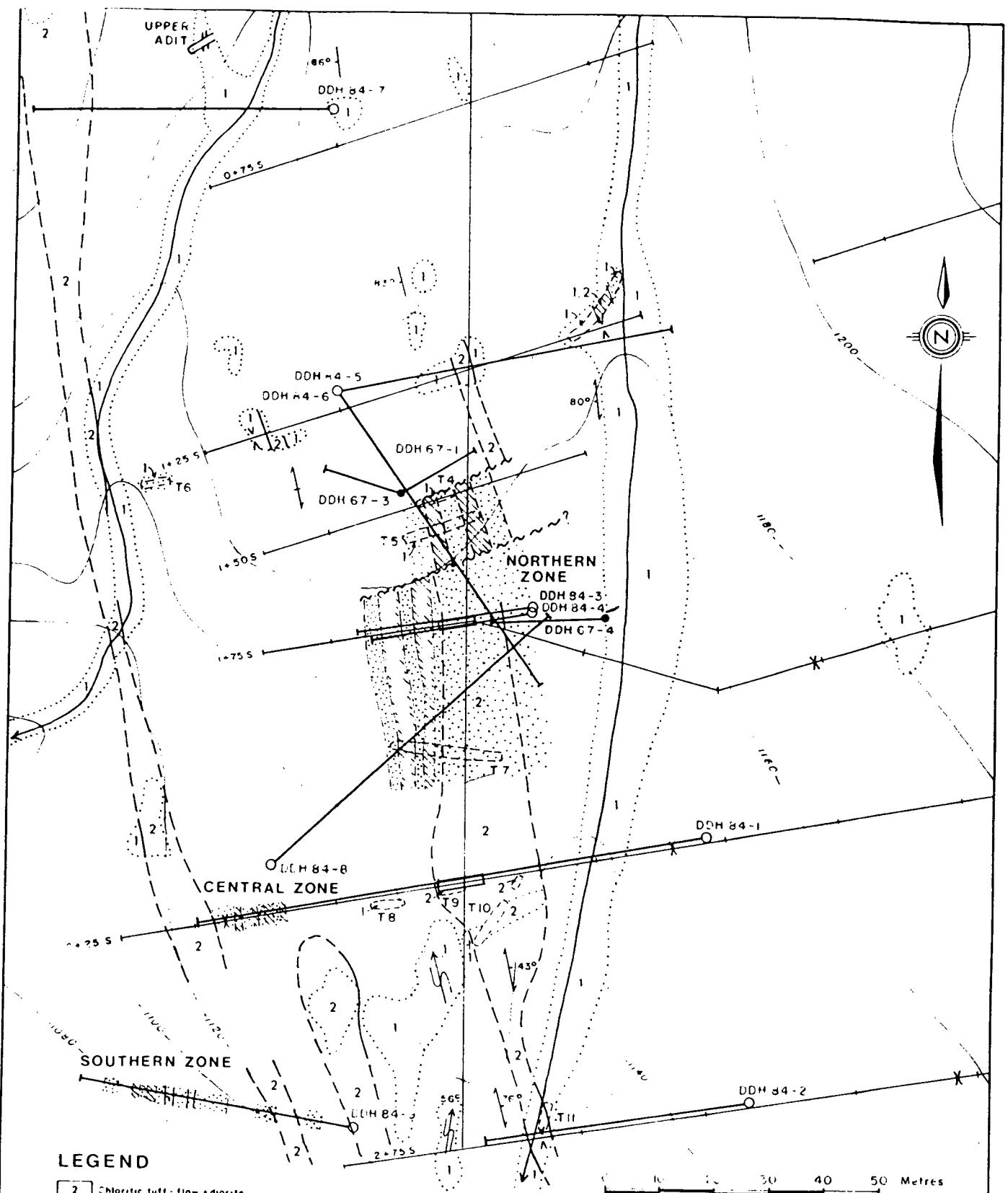
- BSc - University of Turin, Italy (1969)  
MSc - University of Western Ontario (1972)  
Geology  
PhD - University of Western Ontario (1976)  
Geology

Respectfully Submitted



June 1985

Luca Riccio  
Senior Geologist

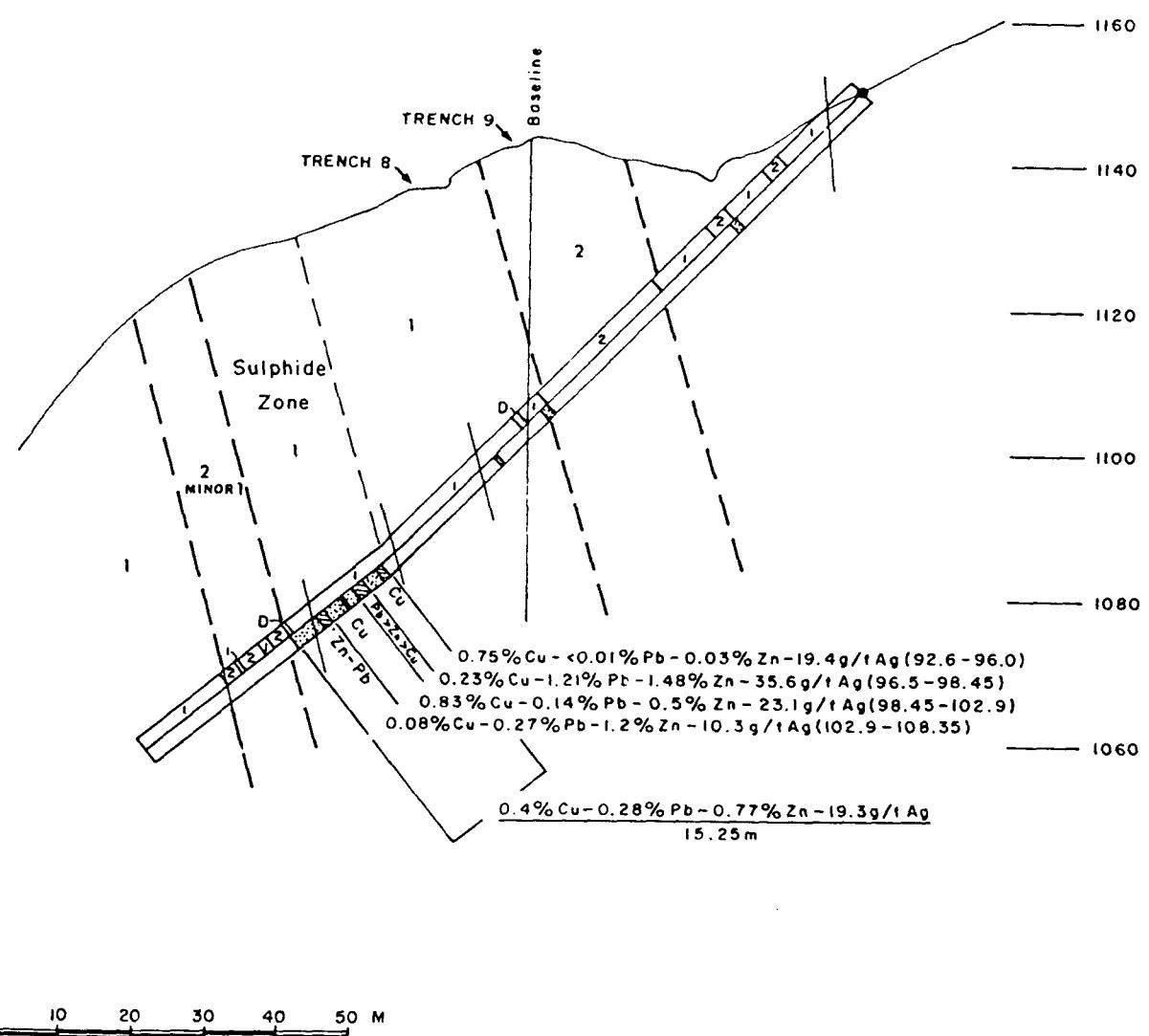


ANACONDA Canada Exploration Ltd.

SKWIM PROJECT

COMPILED MAP

geology by	G.C	drawn by	B.M.C	date	JAN, 85
scale	1:1000	n.t.s.	92 K/1	fig/proj. no.	3



#### LEGEND

- [2] Chloritic tuff - flow ± diorite
- [1] Argillite ± cherty; interbedded tuffaceous sandstone
- [...] Base metal(s) bearing sulphide zone (>1000 ppm)
- [Hatched] Sulphide zone with Cu+Pb±Zn>3% and/or Ag>30g/t
- / Trace of bedding
- D Dyke

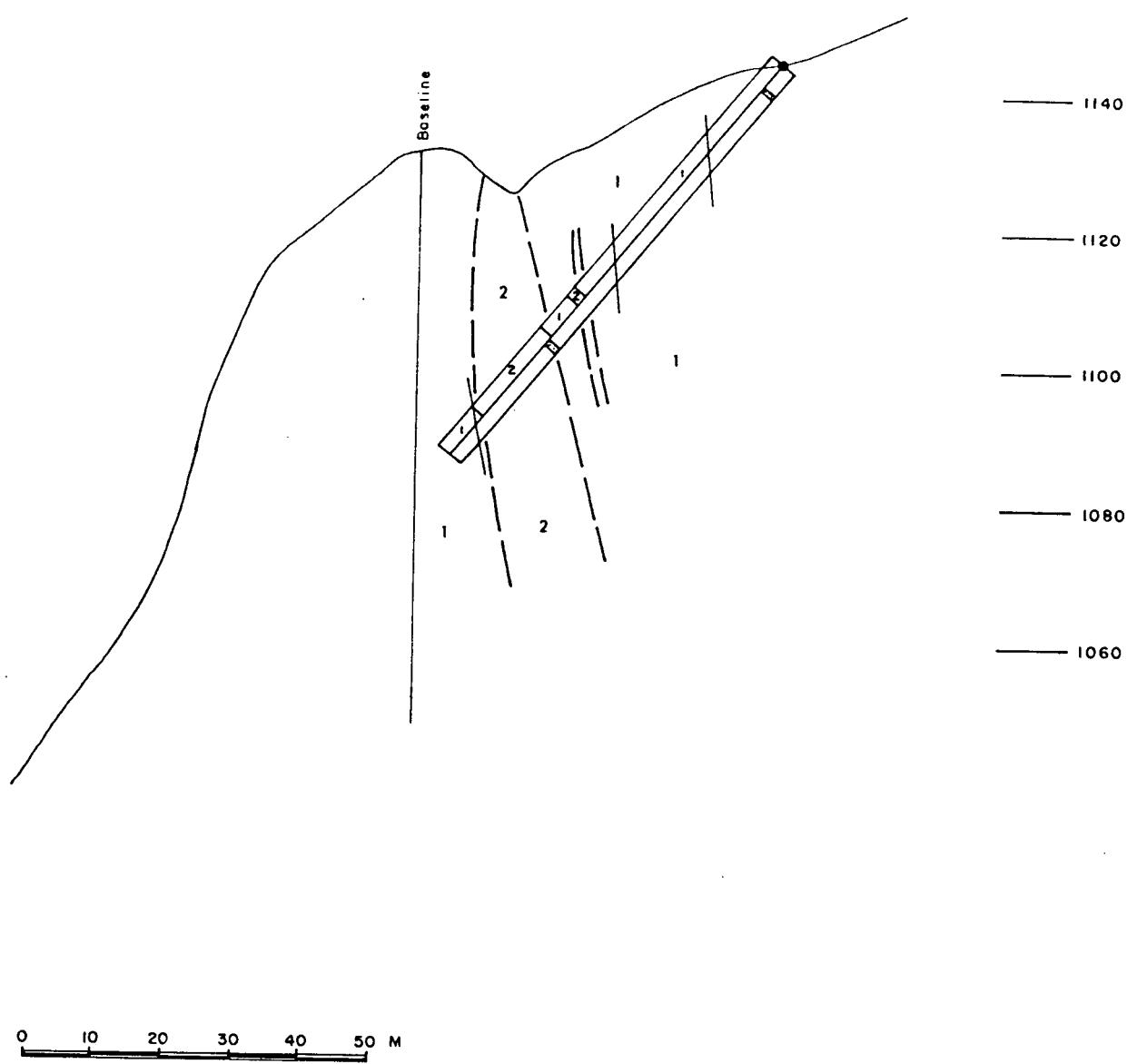
ANACONDA Canada Exploration Ltd.

SKWIM PROJECT

CROSS SECTION

DDH 84-1

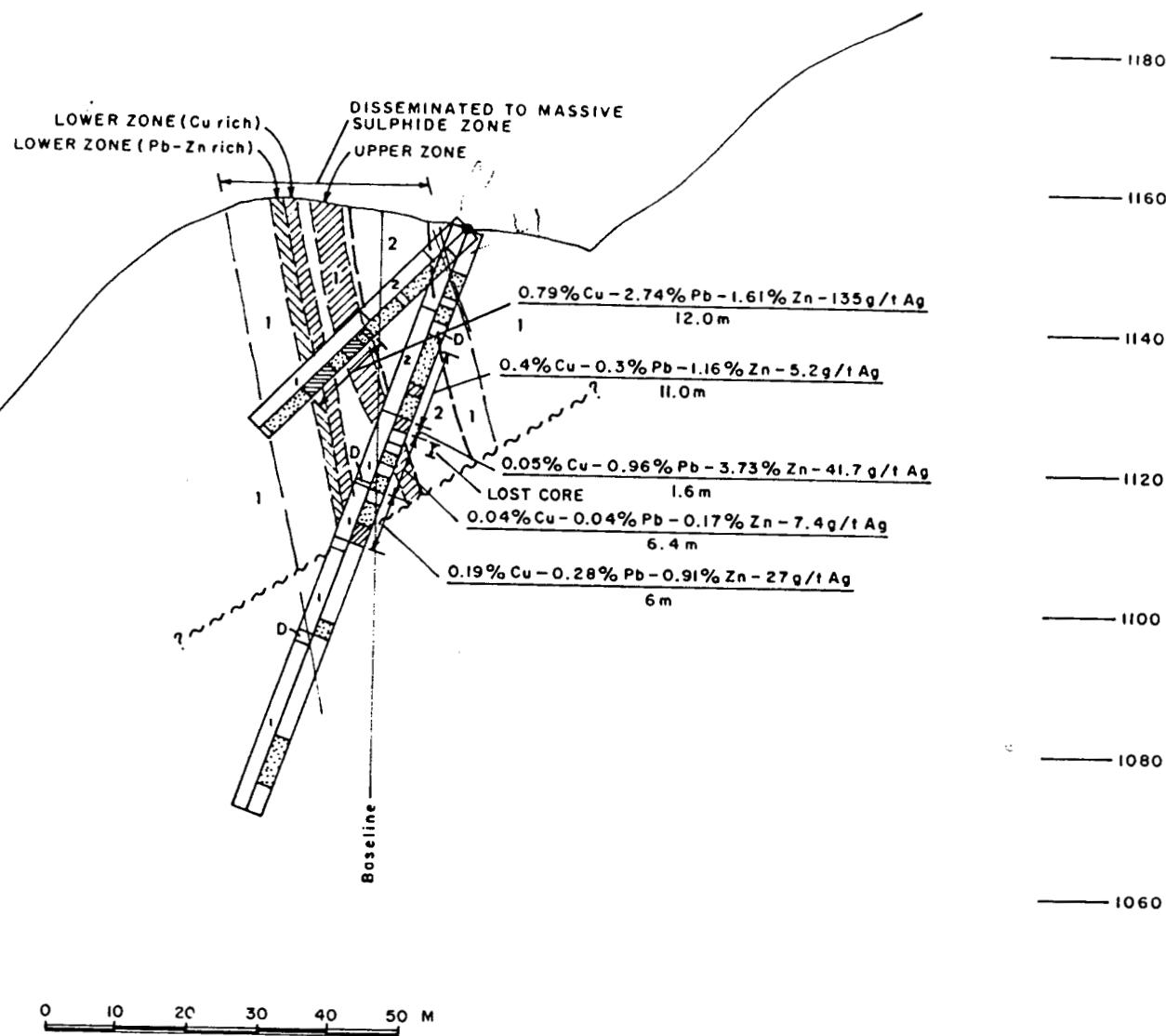
Geology by A.K. L.R.	Drawn by D.M.C.	Date JAN, 85
Scale 1:1000	92 K/I	Fig. Proj. No. 4



#### LEGEND

- 2 Chloritic tuff - flow ± diorite
- 1 Argillite ± cherty; interbedded tuffaceous sandstone
- Base metal(s) bearing sulphide zone (>1000ppm)
- Sulphide zone with Cu+Pb±Zn 3% and/or Ag>30g/t
- Trace of bedding
- D Dyke

ANACONDA Canada Exploration Ltd.					
<b>SKWIM PROJECT</b>					
<b>CROSS SECTION</b>					
<b>DDH 84-2</b>					
geology by	A.K., L.R.	drawn by	D.M.C.	date	JAN, 85
scale	1:1000	nts	92 K/I	fig/proj. no.	5



#### LEGEND

- 2 Chloritic tuff - flow ± diorite
- 1 Argillite ± cherty; interbedded tuffaceous sandstone
- Base metal(s) bearing sulphide zone (>1000 ppm)
- Sulphide zone with  $\text{Cu} + \text{Pb} \pm \text{Zn} > 3\%$  and/or  $\text{Ag} > 30 \text{ g/t}$
- Trace of bedding
- D Dyke

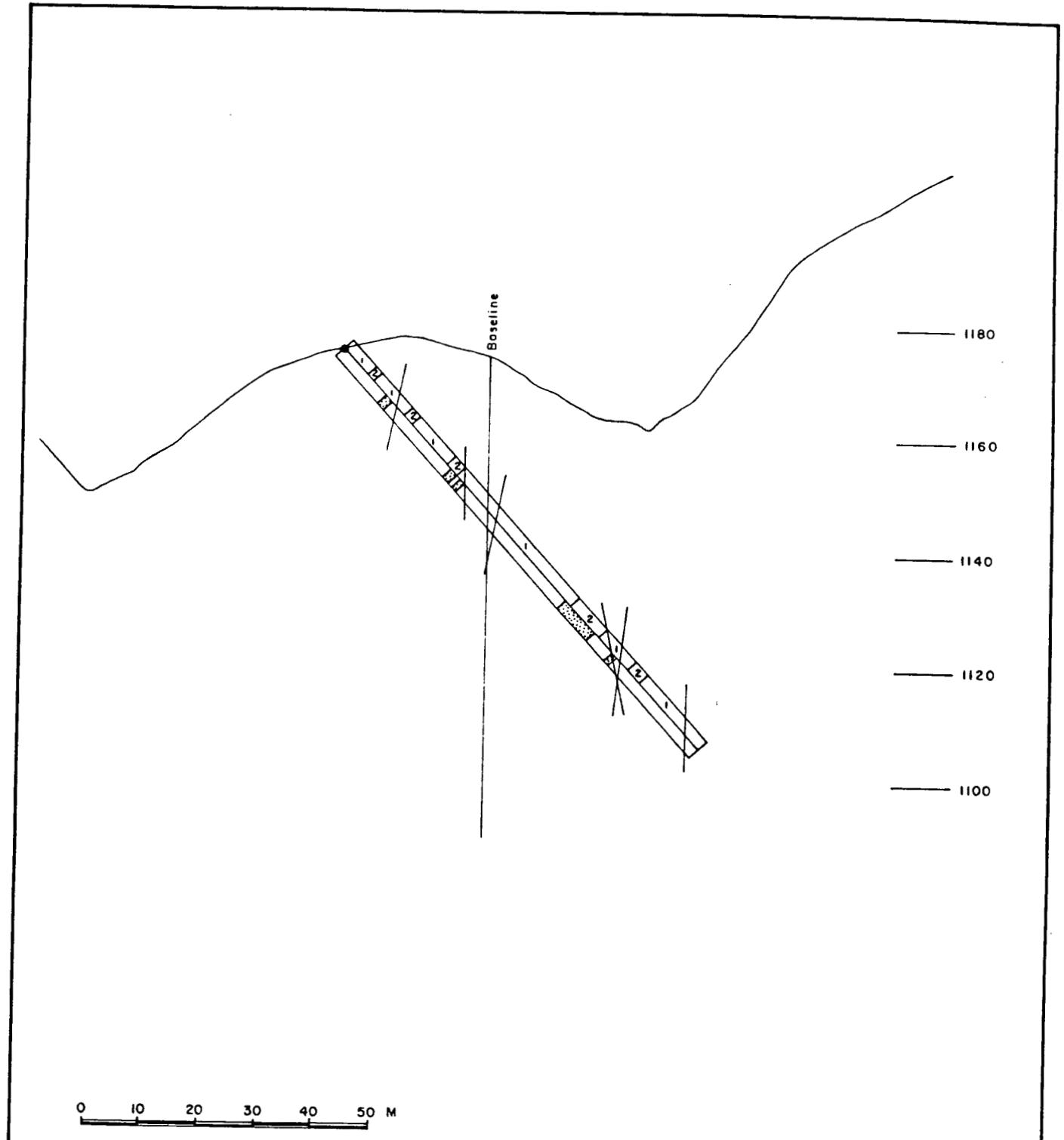
**ANACONDA Canada Exploration Ltd.**

**SKWIM PROJECT**

**CROSS SECTION**

**DDH 84-3,4**

geology by A.K., L.R.	drawn by D.M.C.	date JAN, 85
scale 1:1000	nts 92 K/I	fig/proj. no. 6



#### LEGEND

- [Box] 2 Chloritic tuff - flow ± diorite
- [Box] 1 Argillite ± cherty; interbedded tuffaceous sandstone
- [Stippled Box] Base metal(s) bearing sulphide zone (>1000 ppm)
- [Hatched Box] Sulphide zone with Cu+Pb±Zn 3% and/or Ag 30 g/t
- / Trace of bedding
- D Dyke

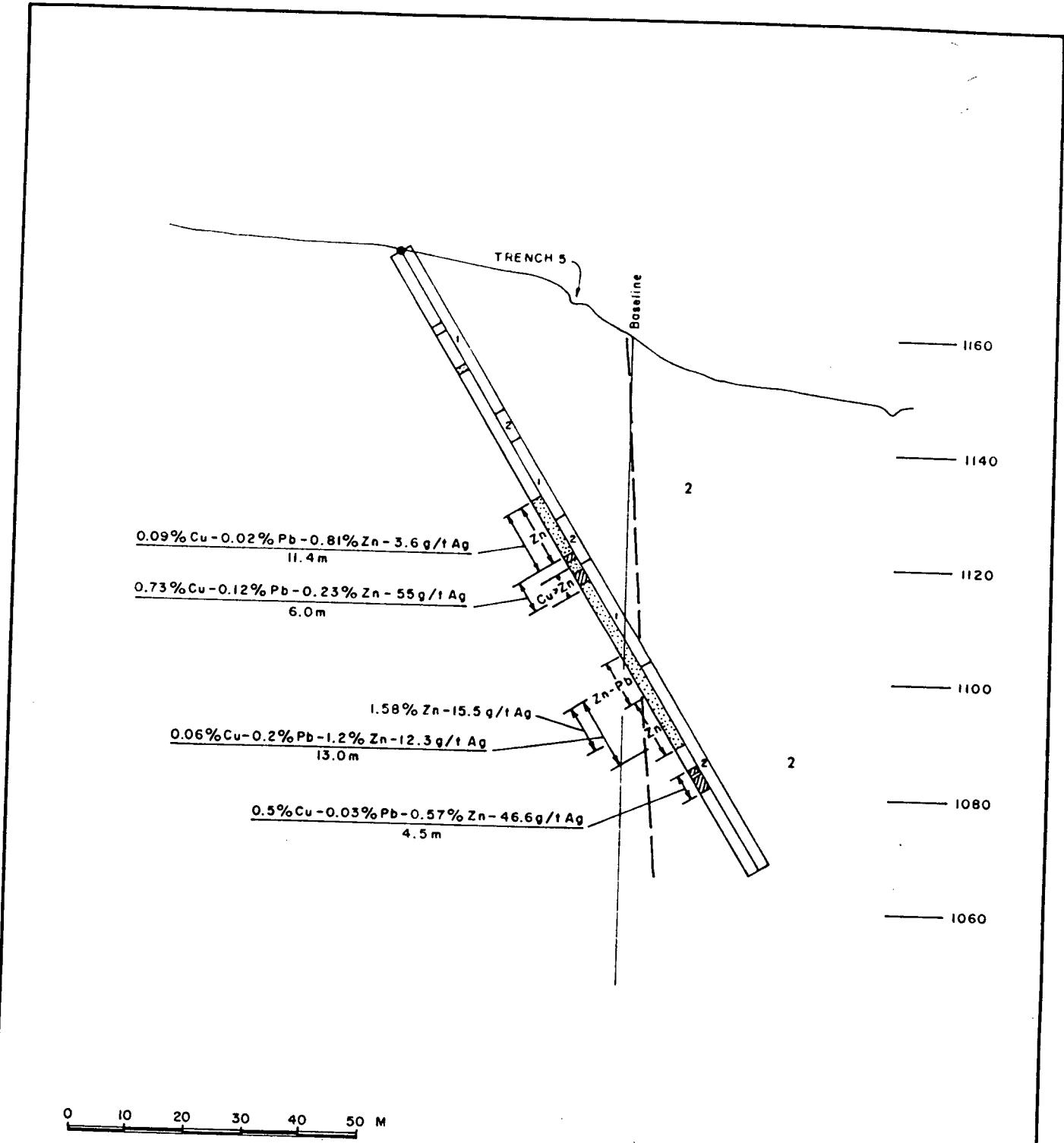
**ANACONDA Canada Exploration Ltd.**

**SKWIM PROJECT**

**CROSS SECTION**

**DDH 84-5**

Geology by	A.K, L.R.	drawn by	D.M.C.	date	JAN, 85
scale	1:1000	nts	92 K/1	fig/proj no	7



#### LEGEND

- 2 Chloritic tuff - flow ± diorite
- 1 Argillite ± cherty; interbedded tuffaceous sandstone
- [Dotted pattern] Base metal(s) bearing sulphide zone (>1000 ppm)
- [Hatched pattern] Sulphide zone with Cu+Pb±Zn 3% and/or Ag>30g/t
- / Trace of bedding
- D Dyke

- 20 -

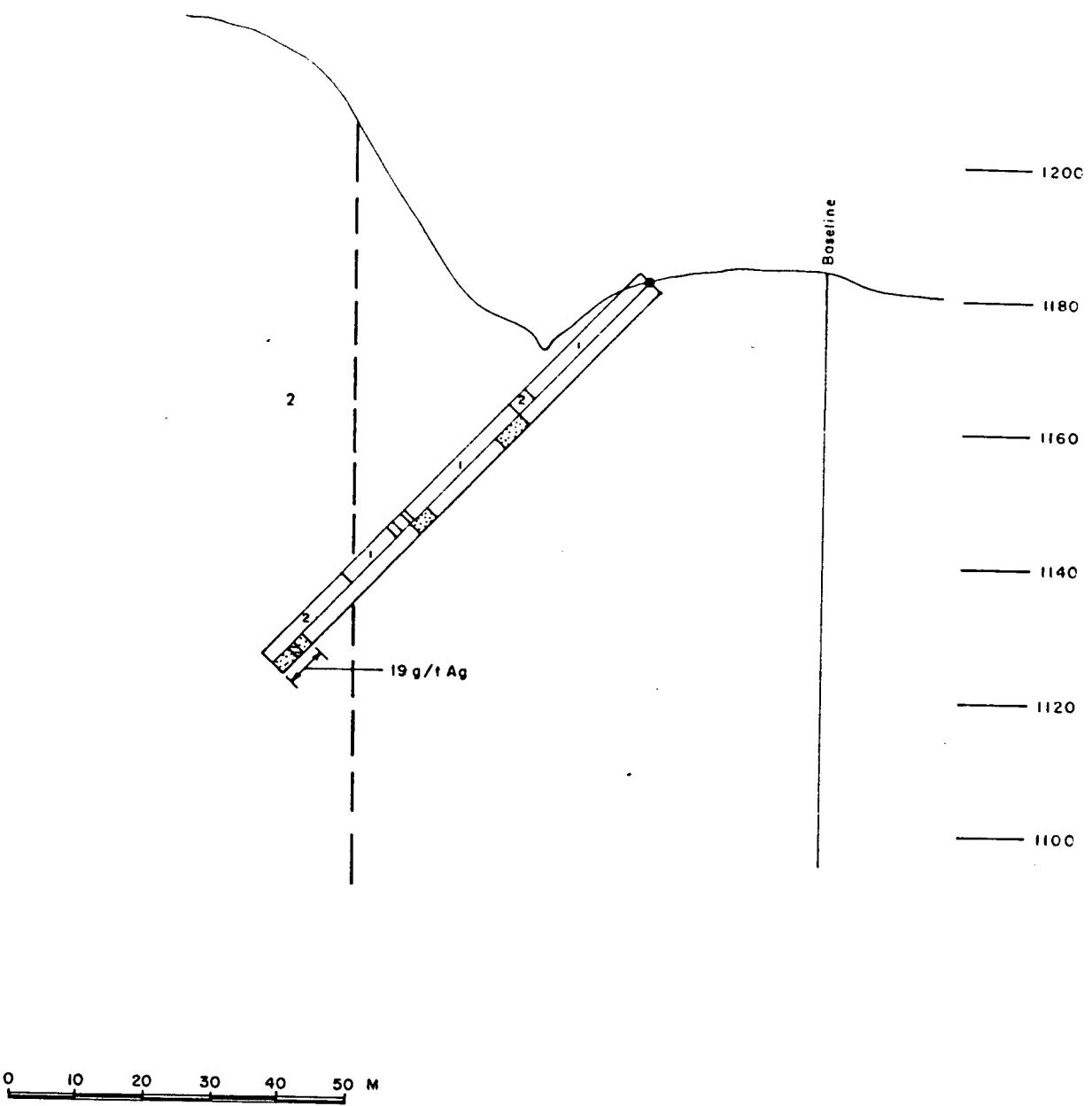
geology by A.K., L.R.		drawn by D.M.C.	date JAN, 85
scale 1:1000	92 K/1	fig/proj no 8	

**ANACONDA Canada Exploration Ltd.** 

**SKWIM PROJECT**

**CROSS SECTION**

**DDH 84-6**



#### LEGEND

- [Box 2] Chloritic tuff - flow ± diorite
- [Box 1] Argillite ± cherty; interbedded tuffaceous sandstone
- [Dotted Box] Base metal(s) bearing sulphide zone (>1000 ppm)
- [Hatched Box] Sulphide zone with Cu+Pb±Zn 3% and/or Ag 30 g/t
- / Trace of bedding
- D Dyke

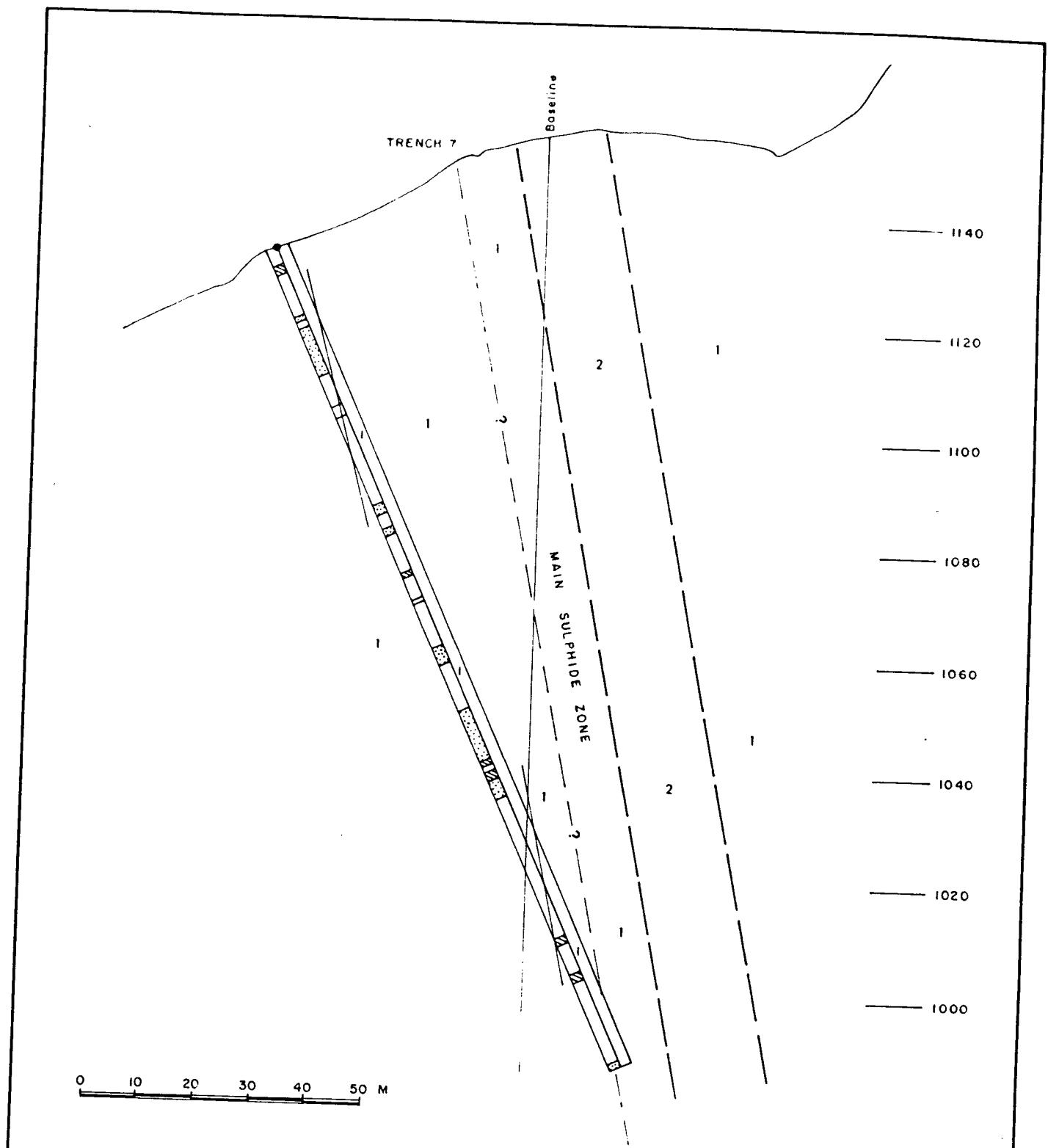
**ANACONDA** Canada Exploration Ltd.

**SKWIM PROJECT**

**CROSS SECTION**

**DDH 84-7**

geology by A.K., L.R.	drawn by D.M.C.	date JAN, 85
scale 1:1000	n.s. 92 K/I	fig/proj no 9



LEGEND

- 2 Chloritic tuff-flow ± diorite
- 1 Argillite ± cherty; interbedded tuffaceous sandstone
- Base metal(s) bearing sulphide zone (>1000 ppm)
- Sulphide zone with Cu+Pb±Zn 3% and/or Ag 30g/t
- Trace of bedding
- D Dyke

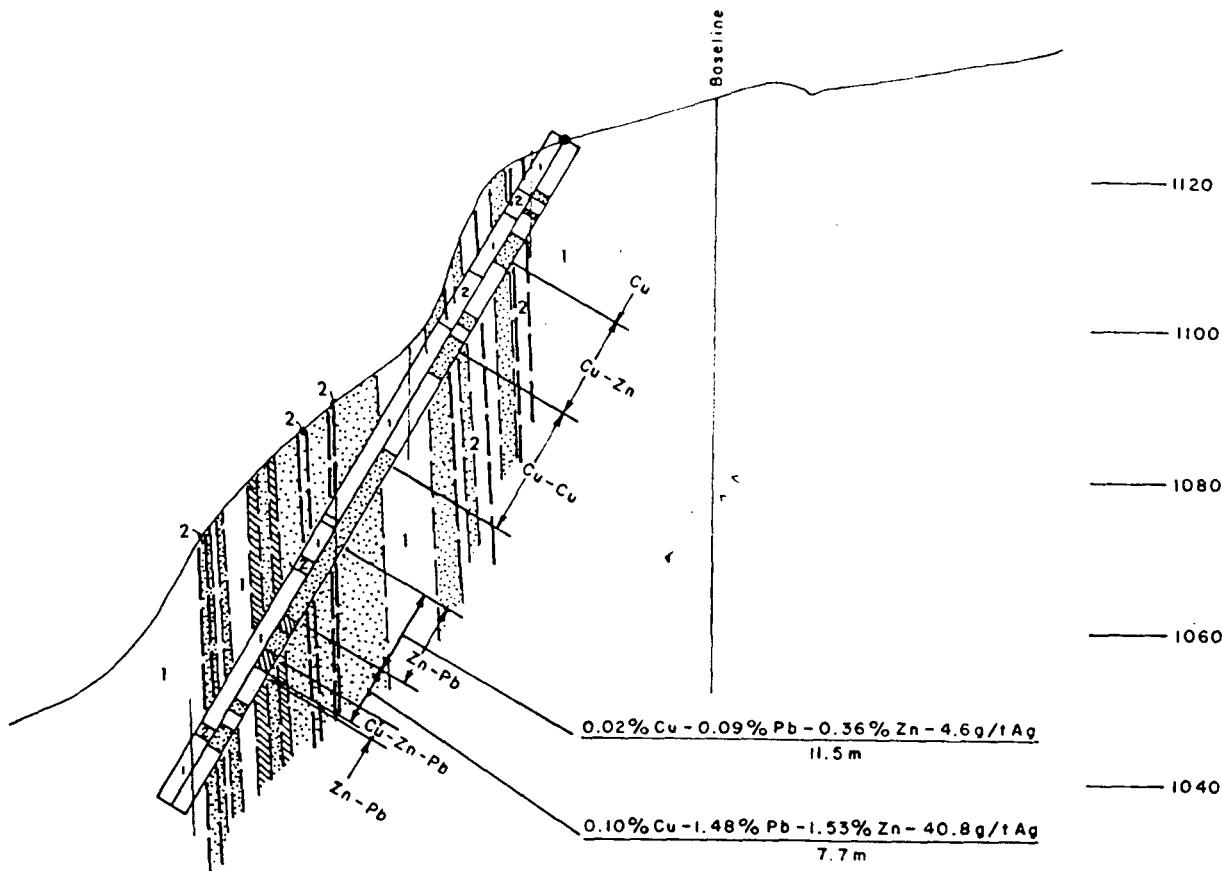
ANACONDA Canada Exploration Ltd.

SKWIM PROJECT

CROSS SECTION

DDH 84-8

Geology by A.K., L.R.	Drawn by D.M.C.	Date JAN, 85
Scale 1:1000	92 K/1	Eq. Proj. No. 10



#### LEGEND

- [Box] Chloritic tuff - flow ± diorite
- [Box] Argillite ± cherty; interbedded tuffaceous sandstone
- [Box] Base metal(s) bearing sulphide zone (>1000 ppm)
- [Hatched Box] Sulphide zone with  $\text{Cu} + \text{Pb} \pm \text{Zn} > 3\%$  and/or  $\text{Ag} > 30 \text{ g/t}$
- / Trace of bedding
- D Dyke

ANACONDA Canada Exploration Ltd.

**SKWIM PROJECT**

**CROSS SECTION**

**DDH 84-9**

geology by A.K., L.R.	drawn by D.M.C.	date JAN, 85
scale 1:1000	n.t.s. 92 K/1	fig/proj. no. 11

TABLE 2

SKWIM LAKE PROJECT  
SIGNIFICANT DRILL INTERCEPTS  
(AG > 30 PPM AND/OR CU+PB+ZN > 3.0%)

HOLE NO.	FROM m	TO m	INT m	CU %	PB %	ZN %	CU+PB+ZN %	AG g/t	AU ppb
DDH84.01	93.0	93.5	.5	2.28	.01	.06	2.35	52.5	70.
DDH84.01	93.5	94.0	.5	1.76	.01	.05	1.82	41.8	70.
			1.0	1.64	.01	.05	2.08	47.1	70.
DDH84.01	96.5	97.0	.5	.43	2.25	.86	3.54	55.9	70.
DDH84.01	97.0	97.5	.5	.13	1.33	.81	2.27	53.8	70.
	97.5	98.0	.5	.24	0.91	2.00	3.15	22.6	70.
			1.5	.27	1.50	1.22	2.99	44.1	70.
DDH84.01	99.9	100.4	.5	2.32	.02	.16	2.50	46.6	5.
DDH84.01	102.9	103.4	.5	.09	1.16	3.83	5.08	17.8	170.
DDH84.01	103.4	103.9	.5	.04	1.22	3.70	4.96	17.8	70.
			1.0	.06	1.19	3.76	5.02	17.8	120.
DDH84.03	20.2	20.7	.5	.05	.04	6.00	6.09	24.0	10.
DDH84.03	22.2	22.7	.5	.11	.34	2.72	3.17	30.0	200.
DDH84.03	22.7	23.2	.5	.15	.30	.84	1.29	43.0	90.
DDH84.03	23.2	23.7	.5	.76	.89	2.74	4.39	155.3	440.
			1.5	.34	.51	2.10	2.95	76.1	110.
DDH84.03	27.2	27.7	.5	1.51	.01	.30	1.82	123.8	50.
DDH84.03	27.7	28.2	.5	3.72	.01	.32	4.05	236.9	80.
DDH84.03	28.2	28.7	.5	8.07	2.87	3.60	14.54	582.8	60.
DDH84.03	28.7	29.2	.5	1.20	5.35	2.68	9.23	237.2	30.
DDH84.03	29.2	29.7	.5	.46	.86	.58	1.90	36.3	5.
DDH84.03	29.7	30.2	.5	.66	8.35	4.25	13.26	169.0	40.
DDH84.03	30.2	30.7	.5	.55	30.20	4.15	34.90	812.5	35.
DDH84.03	30.7	31.2	.5	.96	15.75	3.73	20.44	677.1	55.
			4.0	2.14	7.92	2.45	12.51	359.4	45.

HOLE NO	FROM m	TO m	INT m	CU %	PB %	ZN %	CU+PB+ZN %	AG g/t	AU ppb
DDH84.04	23.7	24.7	1.0	.05	.03	7.47	7.55	13.0	10.
DDH84.04	28.7	29.2	.5	.08	.04	3.32	3.44	11.0	70.
DDH84.04	29.2	29.7	.5	.04	1.59	3.24	4.87	74.4	70.
DDH84.04	29.7	30.2	.5	.02	.90	4.62	5.54	39.8	70.
			1.5	.05	.84	3.72	4.61	41.7	70.
DDH84.04	32.6	33.1	.5	.19	.04	.51	.74	34.0	70.
DDH84.04	33.1	33.6	.5	.20	.04	.16	.40	33.0	45.
			1.0	.19	.04	.39	.63	33.6	55.
DDH84.04	44.8	45.3	.5	.01	.57	2.65	3.23	12.7	70.
DDH84.04	45.3	46.3	1.0	.01	.68	2.24	2.93	13.4	70.
DDH84.04	46.3	46.8	.5	1.33	.30	.19	1.82	160.4	70.
DDH84.04	46.8	47.3	.5	.34	.16	.07	.57	46.6	70.
			2.5	.34	.48	1.48	2.30	49.3	70.
DDH84.06	14.6	15.6	1.0	7.15	.01	.49	7.65	319.2	800.
DDH84.06	60.4	61.4	1.0	1.04	.01	.27	1.32	37.6	10.
DDH84.06	63.4	64.4	1.0	1.32	.26	.39	1.97	127.2	10.
DDH84.06	64.4	65.4	1.0	1.08	.36	.44	1.88	120.7	10.
			3.0	1.20	.31	.41	1.92	123.9	10.
DDH84.06	86.4	86.9	0.5	.06	1.24	8.40	9.70	93.9	120.
DDH84.06	103.4	103.9	0.5	.20	.04	1.83	2.07	34.3	5.
DDH84.06	103.9	104.4	0.5	.32	.02	.07	.41	35.7	45.
DDH84.06	104.9	105.4	0.5	.12	.11	1.10	1.33	43.2	15.
DDH84.06	105.4	105.9	0.5	.15	.10	1.79	2.04	83.6	15.
DDH84.06	105.9	106.4	0.5	1.43	.01	.14	1.58	85.7	100.
DDH84.06	106.4	106.9	0.5	1.08	.01	.04	1.13	65.5	40.
DDH84.06	106.9	107.4	0.5	.62	.01	.02	.65	35.0	15.
DDH84.06	107.4	107.9	0.5	.62	.01	.04	.67	31.9	10.
			4.0	.57	.04	.63	1.24	51.9	30.
DDH84.07	75.9	76.6	0.7	.13	1.57	6.23	7.93	68.9	20.

HOLE NO	FROM m	TO m	INT m	CU %	PB %	ZN %	CU+PB+ZN %	AG g/t	AU ppb
DDH84.08	2.5	3.7	1.2	3.25	.01	.18	3.44	86.7	15.
DDH84.08	61.8	62.6	0.8	.34	.08	.25	.67	39.0	5.
DDH84.08	98.9	99.9	1.0	1.62	.28	1.20	3.10	175.2	40.
DDH84.08	101.4	102.4	1.0	.05	.78	2.67	3.50	8.9	15.
DDH84.08	133.2	134.2	1.0	.07	.33	2.00	2.40	32.0	5.
DDH84.08	140.6	141.6	1.0	.02	.95	1.50	2.47	45.0	5.
DDH84.09	72.7	73.4	0.7	.06	1.08	2.59	3.73	22.8	5.
DDH84.09	73.4	74.1	0.7	.04	1.06	1.65	2.75	17.1	5.
	74.1	74.7	0.6	.03	1.12	4.33	5.48	17.2	60.
				2.0	.04	1.08	2.78	3.90	19.1
DDH84.09	77.7	78.4	0.7	.13	12.30	5.15	17.58	261.6	480.
DDH84.09	78.4	79.4	1.0	.27	.08	.25	.60	42.0	20.
DDH84.09	79.4	80.4	1.0	.38	.05	.12	.55	44.0	5.
			2.7	.27	3.24	1.47	4.98	99.7	130.

## APPENDIX

### DIAMOND DRILL LOGS

( NOTE: Geochemical samples in ppm (Cu, Pb, Zn, Ag) and ppb (Au).

Assay samples in % (Cu, Pb, Zn); g/t (Ag) .

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : SKWIM HOLE No. : 84-1 CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 2+24S  
0+47E

LATITUDE : \_\_\_\_\_

DEPARTURE : \_\_\_\_\_

ELEVATION : 1150 m

SECTION : \_\_\_\_\_

BEARING : 260°

DIP : -45°

DATE BEGUN : Aug. 21/84

DATE FINISHED : Aug. 24/84

TOTAL DEPTH : 134.7 m

CORE SIZE : BQ

SHEET No. : 1 of 7

LOGGED BY : A. KIKAUKA

DATE : Aug. 22/84

METRES	FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	4.6 m		Overburden											
4.6	14.4		Siliceous black argillaceous siltstone interbedded with tuffaceous sandstone, 1-5 cm wide bands. Bedding is 45°-55° to θ. 0.1-2.0 cm barren quartz-carbonate veinlets					95%	tr f.gr. diss. Po					
			1-5 cm wide intercalations of chloritic green flow with Po blebs 0.1-3.0 cm wide.											
14.4	16.8		Chloritic green andesite tuff with intercalated tuffaceous sandstone-siltstone. Disseminated and fracture filling Po.	1332115A	14.4	15.6	1.2 m	100%	3% Po	164	4	95	<0.2	<5
				116A	15.6	16.8	1.2 m		3% Po	68	2	88	<0.2	<5
16.8	24.7		Siliceous black argillaceous siltstone, interbedded with tuffaceous sandstone (60° to θ). Minor chloritic green andesite flow (1-15 cm wide) with blebs and fracture coatings of Po, trace Cpy.					100%						
			Some contorted bedding and brecciation.											
24.7	25.9		50 cm massive Po, minor Cpy	117A	24.7	25.3	0.6 m	100%	50 cm of massive Po.	1580	10	1430	2.3	110
			in chloritic andesite tuff.	118A	25.3	25.9	0.6 m		minor Cpy	1840	9	6800	2.9	35

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-1 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 2 of 7

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
25.9	28.1	Chloritic green andesitic flow. Traces fine grained disseminated Po. 0.1-1.0 cm quartz-epidote veinlets.						tr diss. Po					
							100%						
28.1	37.8	Siliceous, black argillaceous siltstone with chloritic intercalations. 1-5 cm chloritic bands associated with blebs and stringers of Po; quartz-calcite veinlets and brecciation. Bedding is 70° to θ.					100%	tr diss. & frac. fill. Po					
37.8	39.1	Greenish-purple chert, 1-6 cm wide quartz veins with epidote and Po. Bedding is 90° to θ.	119A	37.8	39.1	1.3 m	100%	1-3% Po	130	3	84	0.2	35
39.1	49.1	Chloritic, green andesitic flow. Disseminated and fracture filling Po. 0.1-1.0 cm wide epidote veinlets. Contorted bands and fragments of argillaceous siltstone.	120A	45.6	46.6	1.0 m	100%	3% Po	240	5	155	0.2	<5
			121A	46.6	47.6	1.0 m		3% Po	310	3	87	0.2	<5
49.1	54.0	Diorite Sill (med. grain). Diffuse contact with chloritic andesite flow.					100%						
54.0	60.5	Chloritic andesite flow, 1-15 cm wide epidote-chlorite rich zones with blebs and stringers of Po.						1% Po					

**ANACONDA Canada Exploration Ltd.**

DIAMOND      DRILL      LOG

PROPERTY : \_\_\_\_\_ HOLE No. : 84-1 CLAIM : \_\_\_\_\_

**COLLAR SURVEY**

LATITUDE: \_\_\_\_\_

## **DEPARTURE !**

**ELEVATION :** \_\_\_\_\_

## **PATE BEGUN:**

SHEET No. 1 3 of 7

**DATE FINISHED:** \_\_\_\_\_

LOGGED BY 1

**TOTAL DEPTH**

**DATE :** \_\_\_\_\_

**CORE SIZE:** \_\_\_\_\_

CORE SIZE: \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-1 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 4 of 7

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		alteration, crosscutting stringers and blebs of Cpy up to											
		15% for 25 cm.											
		Chlorite-epidote alteration with assoc. crosscutting sulphide stringers. 8-2-3 cm wide Cpy stringer zones.	127A	91.6	92.6	1.0 m		2% Po minor Cpy	0.06%	<0.01%	0.01%	3.1	170
		Crosscutting Cpy-Po stringers 1-3 cm wide.	128A	92.6	93.0	0.4 m		2% Cpy	0.60%	<0.01%	0.03%	12.7	70
		Same as above, bedding 60° to θ.	129A	93.0	93.5	0.5 m		5-7% Cpy 3-5% Po	2.38%	<0.01%	0.06%	52.5	70
		Greyish, wiry, bleached alteration along Chl-Cpy veins	130A	93.5	94.0	0.5 m		3-5% Cpy 2-3% Po	1.76%	<0.01%	0.05%	41.8	<70
		crosscutting bedding.	131A	94.0	95.0	1.0 m		1-2% Po <1% Cpy	0.03%	<0.01%	0.01%	1.4	70
		Minor Po veins and blebs.	132A	95.0	96.0	1.0 m	100%	20 cm of 2% Po	0.22%	<0.01%	0.02%	12.3	<70
96.0	108.4	Siliceous black argillite hosting polymetallic											
		Cu-Pb-Zn mineralization. Minor tuffaceous inter-											
		beds. Sph stringers 0.5 cm wide, trace Gal, Cpy	133A	96.0	96.5	0.5 m	100%	2% Sph tr Gal	0.02%	0.01%	0.36%	2.1	<70
		5 cm qtz-ep-chl-carbonate vein with Sph minor Gal.	134A	96.5	97.0	0.5 m	100%	5% combined Sph-Cpy-Gal	0.43%	2.25%	0.86%	55.9	70
		1-2 mm Sph veinlets, 3-5 cm Gal-Sph bleb, wiry grey	135A	97.0	99.5	0.5 m	100%	3% combined Sph-Cpy-Gal	0.13%	1.33%	0.81%	53.8	<70
		alteration mineral. Polymetallic veinlets with qtz assoc.	136A	97.5	98.0	0.5 m	100%	4% combined Sph-Gal-Cpy	0.24%	0.91%	2.00%	22.6	<70

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-1 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 5 of 7

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		with hard red-sugary mineral (garnet?).											
		Same as above with increasing brecciation.	137A	98.0	98.45	0.45 m	100%	3% combined Sph-Gal-Cpy	0.1%	0.3%	2.25%	10.3	< 70
		Same as above, chl-ep alteration, 10 cm wide qtz breccia	138A	98.45	98.95	0.5 m	100%	8% Po 2% Cpy	0.5%	0.08%	0.56%	23.0	170
		zone with crosscutting Po veins.						minor Sph					
		Well bedded, crosscutting qtz-ep-chl alteration, beds 50° to e	139A	98.95	99.4	0.45 m	100%	2% Po 1% Cpy minor Sph tr Gal	0.36%	0.03%	0.08%	6.9	< 70
		Chlorite-epidote alteration with Cpy-Po. 10 cm wide qtz-	140A	99.4	99.9	0.5 m	100%	5% Po 2% Cpy tr Sph	1.04%	0.01%	0.09%	19.5	70
		ep-chl sulphide vein at 99.8 m.											
		30 cm wide zone of 10% Cpy. 20% Po minor Sph-Gal.	141A	99.9	100.4	0.5 m	100%	3% Cpy 6% Po 10% Gal	2.32%	0.02%	0.16%	46.6	170
		Polymetallic veinlets crosscutting and parallel to bedding.	142A	100.4	100.9	0.5 m	100%	5% combined Sph-Gal-Cpy, 1% Po	1.00%	0.1%	0.72%	22.6	170
		Crosscutting and parallel sulphide veins and blebs	143A	100.9	101.4	0.5 m	100%	10% Po 5% Cpy 1% Sph-Gal	1.04%	0.32%	0.56%	27.4	< 70
		Graphitic argillite, numerous 1-5 cm bands and veinlets	144A	101.4	101.9	0.5 m	100%	5% Py 3% Cpy 2% Sph 1% Gal	0.61%	0.29%	0.66%	20.6	170
		of sulphide.											
		Aspy in qtz veins with veinlets and blebs of Cpy-Gal-Sph-Po	145A	101.9	102.4	0.5 m	100%	5% Po 1-2% Cpy 1-2% Sph, Gal tr Aspy	0.36%	0.32%	1.10%	25.4	206
		Epidote-chlorite alteration bands. 2-3% Po.	146A	102.4	102.9	0.5 m	100%	2% combined Cpy, Sph, Gal	0.21%	0.08%	0.58%	16.1	170

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-1 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 6 of 7

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
		Same as above.	147A	102.9	103.4	0.5 m	100%	5% Po 5% Sph .5% Cpy, Gal	0.09%	1.16%	3.83%	17.8	170
		Same as above.	148A	103.4	103.9	0.5 m	100%	5% Sph 3% Po 1% Cpy	0.04%	1.22%	3.70%	17.8	70
								tr Gal					
		Decreasing alteration and sulphides; minor qtz veining.	149A	103.9	104.9	1.0 m	100%	1% Po minor Sph	0.01%	0.17%	0.46%	3.1	< 70
		Same as above, bedding 70° to θ.	150A	104.9	106.6	1.7 m	100%	3% Po minor Sph	0.05%	0.07%	0.46%	5.49	< 70
		Po-Cpy veins, gypsum?-calcite veinlets, qtz-Po-Cpy 106.6-	151A	106.6	107.6	1.0 m	100%	20% Po 1-2% Cpy	0.23%	0.01%	0.67%	13.7	< 70
		106.8.						1% Sph, Gal					
		10 cm Sph-Cpy bleb, bleached alteration patches, Po zone	152A	107.6	108.35	0.75m	100%	5% Po 1% Cpy	0.09%	0.02%	1.16%	16.1	170
		15 cm wide at contact with dyke.						1% Sph tr Gal					
108.4	108.9	Green intermediate dyke, veinlets of Sph.	153A	108.35	108.9	0.55m	100%	1% Po tr Sph	0.01%	0.01%	0.69%	1.3	< 70
108.9	111.4	Chloritic flow, ep-biot-qtz veining; blebs and stringers	154A	108.9	111.4	2.5 m	100%	1-2% Po	200	7	635	1.4	10
		of Po.											
111.4	112.8	Black, siliceous argillite. Well bedded, locally altered.	155A	111.4	112.8	1.4 m	100%	1% Po	166	58	1250	.8	< 5
		Crosscutting Qtz-carbonate veinlets. Bedding 65° to θ.											
112.8	116.1	Diorite Sill, crosscutting Po veinlets 1-2 cm wide.					100%	minor Po					

**ANACONDA** Canada Exploration Ltd.

**DIAMOND**      **DRILL**      **LOG**

**PROPERTY :** \_\_\_\_\_ **HOLE No. :** 84-1 **CLAIM :** \_\_\_\_\_

**COLLAR SURVEY**

**DATE BEGUN:** \_\_\_\_\_

SHEET No. 7 of 7

LATITUDE: \_\_\_\_\_

**SECTION :** \_\_\_\_\_

DATE FINISHED: \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

**DEPARTURE :** \_\_\_\_\_

**BEARING:**

**TOTAL REPTH**

**RATE :**

**ELEVATION :** \_\_\_\_\_

DIP : \_\_\_\_\_

**CORE SIZE:** \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND**    **DRILL**    **LOG**

PROPERTY : SKWIM      HOLE No. : 84-2      CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 2+74S  
0+58E

LATITUDE : \_\_\_\_\_

DEPARTURE : \_\_\_\_\_

ELEVATION : 1145 m

SECTION : \_\_\_\_\_

BEARING : 260°

DIP : -50°

DATE BEGUN : Aug. 27/84

SHEET No. : 1 of 2

DATE FINISHED : \_\_\_\_\_

LOGGED BY : A. KIKAUKA

TOTAL DEPTH : \_\_\_\_\_

DATE : Aug. 27/84

CORE SIZE : 80

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	1.8	Overburden											
1.8	2.6	Green chloritic flow. 1-3 mm stretched grey fragments,						95%	tr Po				
		andesitic composition.											
2.6	4.8	Siliceous black argillaceous siltstone, interbedded tuffaceous beds 45° to @. 4.1-5.1 m quartz-breccia with crosscutting epidote-Sph-Po vein network.	1332161B	4.1	5.1	1.0 m	100%	2% Po, 1% Sph,Cpy	112	19	2100	0.3	5
4.8	5.9	Green chloritic interval, 1-3 cm epidote veins.						98%	tr Po				
5.9	44.8	Siliceous black argillaceous siltstone, interbedded tuffaceous sandstone 0.1-3.0 cm. quartz-epidote veins and stringers. Bedding 55° to @ at 10.0 m. 20° to @ at 27.2 m. 45° to @ at 40.0 m. Intense epidote alteration 10% and 1-5 cm qtz veins, 5/m, at 24.7-27.9 m. 3-5% epidote veins, 15% chlorite alteration bands, minor qtz veins at 35.7-41.6 m.	1628	12.7	13.4	0.7 m	98%	8% Po 1% Cpy	900	7	660	1.9	15
44.8	46.3	Greyish-green chlorite flow. Quartz breccia with						98%	tr Po				

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-2 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 2 of 2

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		crosscutting epidote alteration 0.1-8.0 cm wide.											
46.3	52.8	Siliceous, black, argillaceous siltstone. Crosscutting network of epidote veins 0.1-6.0 cm wide. 1-8 cm					98%	tr-1% Po tr Cpy					
		crosscutting Po veins, trace Cpy, 20° to @.											
		Bedding 45° to @.											
52.8	60.1	Medium green chloritic flow. 1-3 cm qtz-veins crosscut by epidote vein network. 1-3 mm stretched fragments elongated 30-50° to @.	163B	52.3	53.3	1.0 m	98%	.5%-1% Po tr Sph.Cpy	670	6	1480	1.8	<5
		Medium grained diorite sill, diffuse contact with chloritic flow cut by 1-4 qtz and calcite veins, approx. 2/m					95%	tr-1% Po tr Cpy					
62.5	67.8	Green chloritic flow, 1-3 mm fragments elongated 45° to @.					90%	tr Po					
67.8	75.0	Siliceous black argillite interbedded with tuffaceous sandstone. 15% parallel and crosscutting epidote-chlorite concentrations 1-12 cm wide. Bedding at 55° to @.					95%	tr Po					

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : SKWIM HOLE No. : 84-3 CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 1+70S  
0+11E  
LATITUDE : SECTION :  
DEPARTURE : BEARING : 260°  
ELEVATION : 1155 m DIP : -45°

DATE BEGUN : Aug. 30/84 SHEET NO. : 1 of 4  
DATE FINISHED : Aug. 31/84 LOGGED BY : A. KIKAUKA  
TOTAL DEPTH : 41.5 m DATE : Aug. 31/84  
CORE SIZE : BQ

METRES	FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	3.1m		Overburden											
3.1	4.6		Broken up core, poor recovery						30%					
4.6	5.7		Siliceous, black argillaceous siltstone, interbedded tuffaceous sandstone. Bedding 60° to @. Po along fractures.	1332164C	4.6	5.7	1.1 m	100%	1% Po tr Cpy	200	134	1020	1.0	55
5.7	6.1		Andesite dyke 1-4 mm plagioclase phenocrysts; sharp contact 70° to @.	165C	5.7	6.1	0.4 m	100%	nil	14	117	525	0.4	5
6.1	7.0		Argillaceous siltstone, interbedded tuff, 0.5-4.0 cm wide crosscutting Po stringers with grey Sph; 1-4 cm quartz veins; 10 cm quartz breccia zone.	166C	6.1	7.0	0.9 m	100%	3% Po 2% Sph tr Gal	170	1150	17,100	2.7	15
7.0	10.3		Green, chloritic andesite flow. 1-5 cm blebs and stringers of Po with minor Sph. 1-4 cm quartz veins, 3/m. Stretched variolitic structures elongated 55° to @ near contact with diorite sill.	167C	7.0	8.0	1.0 m	100%	5% Po 1% Sph tr Gal	310	35	1740	0.9	10
				168C	8.0	9.0	1.0 m	100%	5% Po 2% Sph tr Gal	270	12	14,400	0.9	5
				169C	9.0	10.0	1.0 m	100%	5% Po 2% Sph tr Gal	380	10	10,900	1.2	5
10.3	12.7		Diorite sill, gradational contact with andesitic flow. Blebs and stringers of Po, minor	170C	10.0	11.0	1.0 m	100%	3% Po tr Sph,Cpy	420	10	200	1.2	< 5
				171C	11.0	12.0	1.0 m	100%	3% Po tr Sph,Cpy	390	10	360	1.9	< 5

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-3 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 2 of 4

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
		Sph, Cpy.	172C	12.0	13.0	1.0 m	100%	3% Po tr Sph,Cpy	620	23	318	4.0	5
12.7	19.7	Green, chloritic, andesite flow. 1-2 cm epidote veins.	173C	13.0	14.5	1.5 m	100%	2% Po	275	11	99	1.4	5
		Crosscutting stringers 0.1-2.0 cm Po with minor	174C	14.5	16.0	1.5 m	100%	2% Po .5% Sph tr Cpy	360	575	12,300	5.9	10
		grey Sph, trace Cpy.	175C	16.0	17.5	1.5 m	100%	1% Po tr Sph	180	16	317	1.2	10
		Variolitic? fragments elongated 60° to θ.	176C	17.5	19.0	1.5 m	100%	2% Po tr Sph	168	16	183	1.0	5
		8% Po. At 19.0-19.7 polymetallic zone begins.	177C	19.0	19.7	0.7 m	100%	5% Po	430	73	1960	5.3	5
19.7	32.2	Siliceous, black argillite. 1-5 cm wide quartz-	178C	19.7	20.2	0.5 m	100%	3% Po 1% Sph tr Gal	430	42	6400	3.6	10
		chlorite-epidote alteration bands. 1-6 cm Po veins.	179C	20.2	20.7	0.5 m	100%	5% Po 3% Sph tr Gal	560	440	6.00%	24.0	10
		0.1-3.0 cm brown Sph stringers. 1-5 cm Gal veins.											
		Approximately 2% combined Cu-Pb-Zn sulphides. Cross-											
		cutting mineralized quartz veins carrying Cu-Pb sulphides.											
		0.1-3.0 cm brown Sph stringers. 1-5 cm Po veins.	180C	20.7	21.2	0.5 m	100%	5% Po 2% comb Sph,Cpy	215	990	7900	6.0	15
		4 cm massive grey Sph; quartz veining; Po stringers	181C	21.2	21.7	0.5 m	100%	4% Po 3% Sph tr Cpy	270	405	4200	6.7	15
		0.1-2.0 cm crosscutting brown Sph stringers, qtz & Po veins.	182C	21.7	22.2	0.5 m	100%	5% Po 2% Sph tr Cpy	440	365	1520	12.0	25
		Same as above.	183C	22.2	22.7	0.5 m	100%	5% Po 2% Sph tr Cpy,Gal	1100	3440	2,724	30.0	200

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE NO. : 84-3 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 3 of 4

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		Same as above.	184C	22.7	23.2	0.5 m	100%	2% Po 2% Sph tr Cpy	1520	3020	8400	43.0	90
		Increasing sulphides and brecciation.	185C	23.2	23.7	0.5 m	100%	3% Po 2% Sph tr Gal	7600	8900	2.74±0.55.3	440	
		Increasing sulphides and brecciation.	186C	23.7	24.2	0.5 m	100%	4% Po 2% Sph	1690	905	6800	22.0	160
		Increasing sulphides and brecciation.	187C	24.2	24.7	0.5 m	100%	3% Po 3% Sph	800	1720	12,800	8.0	680
		Zone of relatively unaltered rock, decreasing sulphides and brecciation.	188C	24.7	25.7	1.0 m	100%	2% Po	520	495	3000	9.0	10
		Cpy-Po zone (26.7-29.2 m). 2.5 m of stringers and massive pods.	189C	25.7	26.7	1.0 m	100%	1% Po 1% Cpy	520	435	6900	6.1	5
		massive pods.	190C	26.7	27.2	0.5 m	100%	5% Po 1% Cpy	1500	38	2400	7	5
		12 cm massive Cpy with 3-5 mm Po blebs.	191C	27.2	27.7	0.5 m	100%	8% Po 3% Cpy tr Sph	15100	100	3000	123.8	50
			192C	27.7	28.2	0.5 m	100%	20% Po 8% Cpy, tr Sph	3.72%	81	3200	236.9	80
			193C	28.2	28.7	0.5 m	100%	15% Po 6% Cpy, tr Sph	8.07%	2.87%	3.60%	582.8	60
			194C	28.7	29.2	0.5 m	100%	8% Po 3% Cpy, tr Sph	12000	5.35%	2.68%	237.3	30
		Sph-Gal zone (29.2-32.2 m) 3.0 m of stringers and massive pods of Pb-Zn sulphides.	195C	29.2	29.7	0.5 m	100%	6% Po 2% Cpy, tr Sph	4600	8650	5800	36.3	5
			196C	29.7	30.2	0.5 m	100%	5% Po 5% Sph, 5% Gal	6600	8.35%	4.25%	169.0	40
			197C	30.2	30.7	0.5 m	100%	5% Po 5% Sph, 5% Gal	5500	30.20%	4.15%	812.6	35
			198C	30.7	31.2	0.5 m	100%	5% Po 5% Sph, 3% Gal	9600	15.75%	3.73%	677.1	55

**ANACONDA** Canada Exploration Ltd.

DIAMOND      DRILL      LOG

PROPERTY : \_\_\_\_\_ HOLE No. : **84-3** CLAIM : \_\_\_\_\_

## COLLAR SURVEY

LATITUDE: \_\_\_\_\_

**DEPARTURE:** \_\_\_\_\_

ELEVATION : \_\_\_\_\_

**SECTION :** \_\_\_\_\_

**DATE BEGUN:** \_\_\_\_\_

SHEET NO. 4 OF 4

**DATE FINISHED:** \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE: \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : SKHIM HOLE No.: 84-4 CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 1+70S  
0+58E

LATITUDE :

SECTION :

DATE BEGUN : Sept. 2/84

SHEET No. : 1 of 5

DEPARTURE :

BEARING : 260°

DATE FINISHED : Sept. 5/84

LOGGED BY : A. KIKAUKA

ELEVATION : 1155 m

DIP : -70°

TOTAL DEPTH : 88.8 m

DATE : Sept. 3/84

CORE SIZE : BQ

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	2.4	Overburden											
2.4	4.2	Poor recovery.						30%					
4.2	10.8	Black siliceous argillite, interbedded tuffaceous sandstone. Bedding 40° to @ at 5.0 m., 15° at 7.8 m.	1332206D	4.2	6.4	2.2	100%	1% Po tr Sph	150	23	107	1.2	< 5
		Po stringers 0.1-2.0 cm width with minor Sph.	207D	6.4	8.6	2.2	100%	2% Po tr Sph	300	21	1340	1.8	25
10.8	11.9	Green dacite dyke, 1-4 mm. Chloritized plagioclase phenocrysts. 5% brown biotite.	209D	10.8	11.9	1.1	100%	none	25	19	390	0.2	< 5
11.9	13.2	Greenish-grey, siliceous argillite, interbedded tuffaceous sandstone. Bedding 40° to @. Fractured chert at 12.7-12.9 m. Chlorite bands. Fracture filling and disseminated Po to 2%, grey Sph to 1%.	210D	11.9	13.2	1.3	100%	2% Po 1% Sph	96	39	1240	0.6	< 5
13.2	20.7	Green chloritic andesite flow, stretched amygdaloidal structures elongated 26° to @.	211D	13.2	14.7	1.5	100%	2% Po tr Sph	130	10	5500	0.7	< 5
		1-5 cm quartz veins 1/m. Po stringers with minor Sph. Soft silver mineral speck in chlorite	212D	14.7	16.2	1.5	100%	2% Po tr-.5% Sph	230	12	615	1.2	5
			213D	16.2	17.7	1.5	100%	2% Po tr-1% Sph	172	18	11,000	1.4	< 5
			214D	17.7	19.2	1.5	100%	3% Po tr-.5% Sph	280	23	5900	1.7	< 5

# ANACONDA Canada Exploration Ltd.

## DIAMOND DRILL LOG

PROPERTY : \_\_\_\_\_ HOLE No. : 84-4 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

### COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 2 of 5

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
		at 20.0 m.	215D	19.2	20.7	1.5	100%	4% Po, 1% Sph, tr Cpy	600	70	4600	3.9	5
20.7	25.7	Green, chloritized diorite sill, 5 cm wide Sph vein cutting @ 20° (at 19.8-20.2 m).	216D	20.7	22.2	1.5	100%	3% Po, tr Sph	510	1230	15,200	12.0	5
		1-10 cm wide bands of chlorite with minor epidote.	217D	22.2	23.7	1.5	100%	2% Po, tr Sph	110	73	6200	1.4	<5
			218D	23.7	24.7	1.0	100%	4% Sph, 1% Po	565	319	7,472	13.0	10
			219D	24.7	25.7	1.0	100%	2% Po, tr Sph, Cpy	400	111	2200	3.7	15
25.7	28.7	Green chloritic andesite flow. Gradational contact with diorite. Elongated chlorite-epidote clots and bands 40° to @.	220D	25.7	26.7	1.0	100%	2% Po, 1% Sph, tr Cpy	470	224	17,100	4.9	10
			221D	26.7	27.7	1.0	100%	2% Po, tr Sph	250	25	161	1.3	<5
			222D	27.7	28.7	1.0	100%	Sph, 2% Po, tr Cpy	810	30	770	6.0	<5
28.7	30.3	High grade Sph in chloritic flow rock. Approx. 6% combined Sph-Po. Hard pink silicate (garnet?)	223D	28.7	29.2	0.5	100%	2% Sph, 2% Po, tr Gal, Cpy	0.08%	0.04%	3.32	10.9	<70
			224D	29.2	29.7	0.5	100%	3% Sph, 2% Po, 0.5% Gal, tr Cpy	1.59%	3.24	74.4	<70	
		1-3 mm wiry texture.	225D	29.7	30.3	0.6	100%	3% Sph, 2% Po, 0.5% Gal, tr Cpy	0.90%	4.62	39.8	<70	
30.3	32.6	2.3 m of lost core.											
32.6	39.0	Siliceous, black argillite. Interbedded tuffaceous sandstone. Bedding 38° to @. Minor brown Sph	226D	32.6	33.1	0.5		4% Po, 1% Cpy, tr Sph	0.19%	0.04%	0.51	34.0	<70
		veinlets. 1% Po stringers.	227D	33.1	33.6	0.5		8% Po, 1% Cpy, tr Sph	2000	400	1680	33.0	45
			228D	33.6	35.8	2.2	100%	1% Po, tr Sph	110	328	1040	2.5	5

# ANACONDA Canada Exploration Ltd.

## DIAMOND DRILL LOG

PROPERTY : \_\_\_\_\_ HOLE No.: 84-4 CLAIM : \_\_\_\_\_

MOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 3 of 5

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	ANALYSIS				
									Cu	Pb	Zn	Ag	Au
			229D	35.8	37.3	1.5	100%	1% Po tr Sph	50	250	382	2.4	5
			230D	37.3	39.0	1.7	100%	1% Po tr Sph	85	855	3000	1.5	5
39.0	39.8	Green-grey dacite dyke; 1-4 mm plagioclase phenocrysts.  Contact irregular i.e. wavy.											
39.8	47.3	Black, siliceous argillite, interbedded tuffaceous sandstone. Bedding 40-45° to θ.  Quartz-epidote breccia (41.8-47.3) with crosscutting fracture filling Sph, Gal and Cpy.  1.5% combined Sph-Cpy zone (44.8-47.3 m).  Epidote-garnet associated with mineralization.	231D	41.8	42.8	1.0	100%	.5% Po tr Gal, Sph	130	1170	2500	7.0	5
			232D	42.8	43.8	1.0	100%	.5% Po, 1% Cpy tr Gal, Sph	2500	730	860	23.0	5
			233D	43.8	44.8	1.0	100%	.5% Po, tr Gal, Sph, Cpy	61	510	1140	1.6	< 70
			234D	44.8	45.3	0.5	100%	.5% Sph, 2% Gal tr Cpy, 1% Po	.01%	.57%	2.65%	12.7	< 70
			235D	45.3	46.3	1.0	100%	.5% Po tr Sph, Gal	.01%	.68%	2.24%	13.4	< 70
			236D	46.3	46.8	0.5	100%	.5% Cpy, 1% Po .5% Sph, Gal	1.33%	0.30%	.19%	160.4	70
			237D	46.8	47.3	0.5	100%	.5% Cpy, 1% Po tr Gal, Sph	0.34%	.16%	.07%	46.6	< 70
47.3	49.2	Grey dacite dyke; 1-6 mm plagioclase phenocrysts.  Sharp contact 40° to θ.					100%						
49.2	62.0	Siliceous, black argillite, interbedded tuffaceous sandstone. Bedding 40° to θ. Trace -	238D	49.2	51.2	2.0	100%	.5% Po tr Cpy	152	87	410	2.0	10
			239D	51.2	53.2	2.0	100%	.5% Po tr Gal	61	130	298	0.4	< 5

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-4 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 4 of 5

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
		1% Po stringers, minor Sph-Cpy-Gal.	240D	53.2	55.2	2.0	100%	2% Po, tr Gal,Sph,Cpy	445	77	465	4.6	10
		Quartz veins and epidote veinlets carrying	241D	55.2	56.2	1.0	100%	1% Po tr Cpy	680	42	213	5.8	15
		Po-Sph-Gal. Graphite at 58.5 m.	242D	56.2	57.2	1.0	100%	1% Po tr Cpy	305	33	359	1.7	40
			243D	57.2	58.2	1.0	100%	2% Po .5% Cpy	625	89	575	4.8	540
			244D	58.2	59.2	1.0	100%	.5% Po tr Cpy	187	22	400	1.2	10
			245D	59.2	60.2	1.0	100%	2% Po tr Sph,Cpy	825	2045	2880	15.0	80
			246D	60.2	62.0	1.8	100%	1% Po .5% Sph,Cpy	810	700	800	20.0	260
62.0	63.3	Dacite dyke. 0.1-1.2 cm quartz veins with Po-Cpy tr Gal.	247D	62.0	63.3	1.3	100%	.5% Po tr Cpy,Gal	93	229	255	1.8	<5
63.2	77.0	Siliceous, black argillite, interbedded tuffaceous sandstone. 0.2-1.0 cm quartz veins. Trace Po.	248D	66.8	68.3	1.5	100%	.5% Po tr Cpy	72	45	274	0.7	5
		Chlorite-epidote alteration bands with Po tr Sph-Cpy.											
		Bedding 30° to θ. Radiating argillite fragments in quartz breccia at 75.5 m.											
77.0	78.1	Green chloritic andesite flow with 3-15 cm quartz veins carrying 10% Po, tr Cpy.	250D	77.0	78.1	1.1	100%	8% Po tr Cpy	735	4	2060	0.9	10

**ANACONDA** Canada Exploration Ltd.

DIAMOND      DRILL      LOG

PROPERTY : \_\_\_\_\_ HOLE No. : 84-4 CLAIM : \_\_\_\_\_

COLLAR SURVEY

**LATITUDE:** \_\_\_\_\_

**DATE BEGUN :** \_\_\_\_\_

SHEET No. 5 of 5

**DEPARTURE:** \_\_\_\_\_

**SECTION :** \_\_\_\_\_

**DATE FINISHED :** \_\_\_\_\_

**DEPARTURE:** \_\_\_\_\_

#### **BEARING :**

**TOTAL DEPTH :**

**ELEVATION :** \_\_\_\_\_

DIP :

**CORE SIZE:**

**LOGGED BY :**

**DATE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND**    **DRILL**    **LOG**

PROPERTY : SKWIM                  HOLE No. : 84-5                  CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 1+25S  
0+25W  
LATITUDE : \_\_\_\_\_  
DEPARTURE : \_\_\_\_\_  
ELEVATION : 1174 m

SECTION : \_\_\_\_\_  
BEARING : 080°  
DIP : -48°

DATE BEGUN : Sept. 7/84  
DATE FINISHED : Sept. 10/84  
TOTAL DEPTH : 93.6 m  
CORE SIZE : BQ

SHEET No. : 1 of 4  
LOGGED BY : A. KIKAUKA  
DATE : Sept. 8/84

METRES	FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	1.8		Overburden											
1.8	5.4		Black, siliceous argillite, interbedded tuffaceous sandstone. Bedding 45°-50° to @. Chlorite alteration bands 1-8 cm. Quartz augen "eyes" 0.2-3.0 cm diameter.					90%	tr Po					
5.4	7.1		Green, chloritic andesite flow. 0.5 mm grey fragments elongated 45° to @.					100%	tr Po					
7.1	16.3		Greyish-black siliceous argillite, interbedded tuffaceous sandstone. Bedding 50° to @. Minor vuggy quartz veins. 1-30 cm wide quartz veins (with chlorite) carrying Po-Sph-Cpy at 8.4-12.0 m.	1332254E	8.4	10.4	2.0	100%	tr-.5% Po tr Sph,Cpy	228	6	152	1.2	10
				255E	10.4	12.0	1.6	100%	tr 1% Po tr Sph,Cpy	1205	8	1110	4.7	< 5
16.3	18.6		Green chloritic andesite flow. Sharp contact with black argillite 40° to @. 0.1 cm epidote veins crosscut by late calcite vein 1.0 cm.											
18.6	27.8		Siliceous, black argillite, interbedded laminations					100%	tr Po					

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-5 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 2 of 4

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM TO		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	An
		of grey-white tuffaceous sandstone. "Zebra rock".											
		5 mm beds. Bedding 45° to @ at 25.2 m.											
		30° to @ at 27.0 m. Trace disseminated and fracture											
		fill Po.											
27.8	29.7	Green, chloritic andesite flow. Po-Sph-Cpy.	256E	27.5	28.2	0.7	100%	tr-1% Po tr Sph,Cpy	292	119	16,700	2.2	5
		Stringers to 2 cm associated with quartz-epidote veins	257E	28.2	29.7	1.5	100%	tr-1% Po tr Sph,Cpy	40	46	230	< .2	< 5
		and breccia at contact with black argillite.											
29.7	59.8	Siliceous, black argillite, interbedded tuffaceous	258E	29.7	30.7	1.0	100%	tr-1% Po tr Sph	146	10	2460	0.3	< 5
		sandstone 1-30 cm wide. Bedding 45° to @ at 31.0 m.	259E	13.6	44.6	1.0	100%	tr-1% Po tr Sph	117	41	485	0.2	20
		50° to @ at 40.0 m. 1-5 cm quartz veins with Po-Sph-Cpy.	260E	58.0	59.5	1.5	100%	tr-2% Po tr Sph	480	11	630	1.8	< 5
		2-6 mm quartz augen "eyes".											
		Chloritic breccia and graphitic slickensides at											
		43.6-44.6 m.											
59.8	67.0	Green chloritic andesite flow. Sheared and brecciated	261E	59.5	61.0	1.5	100%	tr-1% Po tr Sph-Cpy	396	13	2880	0.9	< 5
		61.7-65.0 m. Minor intercalations of black argillite	262E	61.0	62.5	1.5	100%	tr-1% Po tr Sph,Cpy	105	18	880	1.8	< 5

## **ANACONDA Canada Exploration Ltd.**

DIAMOND      DRILL      LOG

**PROPERTY :** \_\_\_\_\_ **HOLE No. :** 84-5 **CLAIM :** \_\_\_\_\_

COLLAR SURVEY

**LATITUDE:** \_\_\_\_\_

**DEPARTURE :** \_\_\_\_\_

**ELEVATION :** \_\_\_\_\_

**SECTION :** \_\_\_\_\_

**BEARING :** \_\_\_\_\_

**DIP :** \_\_\_\_\_

**DATE BEGUN:** \_\_\_\_\_

SHEET No.: 3 of 4

**DATE FINISHED :** \_\_\_\_\_

**LOGGED BY :** \_\_\_\_\_

**TOTAL DEPTH** \_\_\_\_\_

**DATE :** \_\_\_\_\_

**CORE SIZE:** \_\_\_\_\_

CORE SIZE: \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

DIAMOND      DRILL      LOG

**PROPERTY :** \_\_\_\_\_ **HOLE No.:** 84-5 **CLAIM :** \_\_\_\_\_

**COLLAR SURVEY**

**DATE BEGUN :** \_\_\_\_\_

SHEET No.: 4 of 4

LATITUDE: \_\_\_\_\_

**SECTION :** \_\_\_\_\_

PATE FINISHED :

**DEPARTURE:** \_\_\_\_\_

**BEARING :** \_\_\_\_\_

**TOTAL DEPTH**

**ELEVATION :** \_\_\_\_\_

DIP :

**CORE SIZE:** \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND    DRILL    LOG**

PROPERTY : SKWIM      HOLE No. : 84-6      CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 1+25S  
0+25W  
LATITUDE : 0+25W SECTION : \_\_\_\_\_  
DEPARTURE : \_\_\_\_\_ BEARING : 145°  
ELEVATION : 1174 m DIP : -58°

DATE BEGUN : Sept. 11/84 SHEET No. : 1 of 6  
DATE FINISHED : Sept. 13/84 LOGGED BY : A. KIKAUKA  
TOTAL DEPTH : 124.1 m DATE : Sept. 12/84  
CORE SIZE : BQ

METRES	FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	1.8		Overburden											
1.8	14.6		Siliceous black argillite, interbedded tuffaceous sandstone. Beds 12° to @ at 4.0 m. Epidote stringers. Minor Po. Trace Sph in epidote at 12.0 m.					95%						
14.6	15.6		Massive Cpy, minor Po and Sph. Sharp contact at 30° to @ with argillite host.	1332273F	14.6	15.6	1.0	95%	25% Cpy, 10% Po, 1% Sph	7.15%	0.01%	.49%	319.2	1800
15.6	32.6		Siliceous black argillite, interbedded tuffaceous sandstone. Beds 10° to @ at 22.3 m. Increasing chlorite-epidote clots 2-15 cm. Mineralized quartz vein 22.6-23.6 m.	274F	22.6	23.7	1.1	100%	2% Po tr Sph, Cpy	3570	6	2460	21.0	10
32.6	38.2		Green chloritic andesite flow; minor Po stringers. Dark green clots 2-6 mm elongated 10-15° to @.											
38.2	53.4		Siliceous black argillite, interbedded tuffaceous sandstone. Beds 10° to @. Crosscutting Po stringers. 40 cm quartz vein at 51.7 m	275F	49.0	50.2	1.2	100%	2% Po, 5% Cpy, tr Sph	1320	4	1630	5.6	5
				276F	50.2	51.4	1.2	100%	2% Po tr Cpy & Sph	.05%	0.01%	.16%	1.7	5
				277F	51.4	52.4	1.0	100%	5% Po, .5% Sph, Cpy	.11%	0.01%	.24%	4.1	60

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-6 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 2 of 6

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		carrying 10% Po with minor Sph-Cpy. Brecciated	278F	52.4	53.4	1.0	100%	1% Po, tr Sph .5% Cpy	.16%	0.01%	.84%	6.9	45
		quartz-epidote at contact with chloritic flow.											
53.4	62.2	Green chloritic andesite flow. Dark green amygdaloidal clots oriented 10°-15° to @.	279F	53.4	54.4	1.0	100%	1% Po, .5% Cpy, tr Sph	.37%	0.04%	.93%	11.7	5
		Crosscutting Po-Sph stringers 54.4-57.4 m.	280F	54.4	55.4	1.0	100%	5% Po, 2% Sph, tr Cpy	.06%	0.05%	1.59%	2.7	< 5
		Erratic Sph mineralization continues, 59.4-62.4 m with Cpy-Po fracture coatings.	281F	55.4	56.4	1.0	100%	3% Po, 2% Sph, tr Cpy	.02%	0.08%	1.95%	2.7	< 5
			282F	56.4	57.4	1.0	100%	2% Po, 2% Sph, tr Cpy	.04%	0.02%	1.83%	2.1	5
			283F	57.4	59.4	2.0	100%	5% Po, tr Sph & Cpy	41	17	1790	0.2	< 5
			284F	59.4	60.4	1.0	100%	1% Sph, 1% Po, tr Cpy	.04%	<.01%	1.02%	1.4	< 5
			285F	60.4	61.4	1.0	100%	1% Cpy, 1% Po, tr Sph	1.04%	<.01%	.27%	34.6	10
			286F	61.4	62.4	1.0	100%	1% Po, .5% Cpy, tr Sph	0.13%	<.01%	.04%	5.5	< 5
62.2	81.9	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 20° to @ at 69.7 m.	287F	62.4	63.4	1.0	100%	1% Sph, 2% Po, tr Cpy	.40%	0.01%	.05%	14.7	5
		Massive Po-Cpy-tetrahedrite at 65.1-65.3.	288F	63.4	64.4	1.0	100%	1% Sph, 1% Cpy, tr tetrahe,	1.32%	.26%	.39%	27.2	10
		2% combined Sph-Cpy at 62.4-66.4 m and 72.4-77.4 m.	289F	64.4	65.4	1.0	100%	1% Cpy, 1% Sph, 2% Po, tr tetrahe	1.08%	.35%	.44%	120.7	10
			290F	65.4	66.4	1.0	100%	1% Sph, .5% Cpy, 2% Po	.41%	.06%	.16%	27.4	< 5
			291F	66.4	68.4	2.0	100%	tr-.5% Cpy, 2% Po	71	70	580	0.4	< 5

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-6 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET NO. : 3 of 6

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
			292F	68.4	70.4	2.0	100%	tr-.5% Sph tr-1% Po	48	12	2010	0.4	< 5
			293F	70.4	72.4	2.0	100%	tr-.5% Sph tr-1% Po	71	36	1000	0.8	< 5
			294F	72.4	73.4	1.0	100%	3% Po, 1% Sph, tr Cpy	.07%	.02%	.95%	12.0	25
			295F	73.4	74.4	1.0	100%	5% Po, tr Sph, Cpy	.08%	.02%	.08%	8.9	100
			296F	74.4	75.4	1.0	100%	5% Po, tr-5% Cpy, tr Sph	.04%	.01%	.02%	2.1	5
			297F	75.4	76.4	1.0	100%	5% Po tr Cpy	.04%	.01%	.06%	3.8	15
			298F	76.4	77.4	1.0	100%	5% Po tr Cpy	.06%	.03%	.14%	6.5	10
			299F	77.4	78.9	1.5	100%	2% Po tr Cpy	1140	52	1000	8.0	15
			300F	78.9	80.4	1.5	100%	2% Po tr Cpy	530	39	800	3.9	75
			301F	80.4	81.9	1.5	100%	2% Po tr Cpy	1690	1015	9040	23.0	85
81.9	83.9	Greyish-grey dacite dyke; 1-5 mm plagioclase phenocrysts; 1-8 mm epidote-chlorite clots.	302F	81.9	83.9	2.0	100%	tr Po	268	212	925	4.0	10
83.9	98.9	Green chloritic andesite flow, partly calcareous. Dark green amygdaloidal grains elongated 0°-30° to Ø exhibiting flow texture. Plagioclase laths	303F	83.9	84.4	0.5	100%	5% Po, 2% Sph .5% Cpy, Gal	.05%	.56%	2.37%	11.0	15
			304F	84.4	84.9	0.5	100%	5% Po, 2% Sph .5% Cpy, Gal	.01%	.35%	1.40%	5.8	10
			305F	84.9	85.4	0.5	100%	3% Po 1% Sph tr Gal	.02%	.14%	1.18%	3.4	10

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-6 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 4 of 6

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		developed at 101-104 m. 2% combined	306F	85.4	85.9	0.5	100%	3% Po, 1% Sph, tr Gal	.02%	.69%	1.28%	8.6	10
		Sph-Cpy-Gal associated with garnet at	307F	85.9	86.4	0.5	100%	3% Po, 1% Sph, tr Gal	.04%	.49%	1.81%	18.2	15
		83.9-89.7 m and	308F	86.4	86.9	0.5	100%	10% Sph, 15% Po tr Gal, Cpy	.06%	1.24%	8.40%	93.9	120
		93.9-98.9 m.	309F	86.9	87.9	1.0	100%	10% Sph, 15% Po tr Gal, Cpy	.02%	.02%	.15%	3.1	5
			310F	87.9	88.9	1.0	100%	2% Sph, 1% Po, tr Cpy	.07%	.11%	1.78%	26.1	15
			311F	88.9	89.9	1.0	100%	1% Po, .5% Sph, tr Cpy	445	199	10,500	8.2	<5
			312F	89.9	90.9	1.0	100%	1% Po, tr Sph	565	420	15,300	15.0	<5
			313F	90.9	91.9	1.0	100%	1% Po, .5% Sph	740	167	10,310	9.1	<5
			314F	91.9	92.9	1.0	100%	1% Po, .5% Sph	700	193	5050	7.6	<5
			315F	92.9	93.9	1.0	100%	1% Po, .5% Sph	391	129	2200	3.9	<5
			316F	93.9	94.9	1.0	100%	1% Po, .5% Sph	.05%	<.01%	.41%	4.1	<5
			317F	94.9	95.9	1.0	100%	3% Po, .5% Cpy, 1% Sph	.07%	.01	.49%	5.8	5
			318F	95.9	96.9	1.0	100%	3% Po, .5% Sph, .5% Cpy	.11%	.02%	.22%	6.9	<5
			319F	96.9	97.9	1.0	100%	3% Po, .5% Sph, .5% Cpy	.07%	<.01%	.06%	2.1	<5
			320F	97.9	98.9	1.0	100%	10% Po, 1% Cpy, tr Sph	.18%	<.01%	.04%	5.1	15

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-6 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 5 of 6

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
98.9	103.4	Diorite Sill. Chloritic with crosscutting	321F	98.9	99.9	1.0	100%	1% Po, .5% Cpy, tr Sph	2.9	6	139	1.0	<5
		epidote stringers. 0.2-1.0 cm Po	322F	99.9	100.9	1.0	100%	1% Po, .5% Cpy, tr Sph	70	5	200	0.4	<5
		veinlets associated minor Sph-Cpy.	323F	100.9	101.9	1.0	100%	1% Po, .5% Cpy, tr Sph	105	6	110	0.6	<5
			324F	101.9	102.9	1.0	100%	1% Po, .5% Cpy, tr Sph	145	6	110	0.9	<5
			325F	102.9	103.4	0.5	100%	.2% Po tr Cpy	361	18	520	2.6	<5
103.4	114.4	Green chloritic andesite flow. Amygdaloidal	326F	103.4	103.9	0.5	100%	10% Po, 2% Sph, 1% Cpy	.20%	.04%	1.83%	34.3	15
		chlorite blebs 1-5 mm elongated 10°-30°	327F	103.9	104.4	0.5	100%	70% Po 2% Cpy	.32%	.02%	.07%	35.7	15
		to @. Locally contorted flow lineations.	328F	104.4	104.9	0.5	100%	.5% Po 1% Cpy	.02%	<.01%	.07%	4.4	<5
		5% Po, 1% Cpy, 1% Sph at 103.4-111.9 m.	329F	104.9	105.4	0.5	100%	15% Po, 1% Cpy .5% Sph, tr Gal	.12%	.11%	1.10%	43.2	10
		2 massive sulphide sections 103.9-104.4 m and	330F	105.4	105.9	0.5	100%	80% Po, 5% Sph, 1% Cpy	.15%	.10%	1.79%	83.6	15
		105.2-106.0 m. Mineralization is erratically	331F	105.9	106.4	0.5	100%	18% Po, 3% Cpy, tr Sph	1.43%	<.01%	.14%	85.7	100
		distributed although enriched at margins	332F	106.4	106.9	0.5	100%	10% Po, 3% Cpy, tr Sph	1.08%	<.01%	.04%	65.5	40
		of flow. Sulphides crosscut @	333F	106.9	107.4	0.5	100%	.5% Po 2% Cpy	.62%	<.01%	.02%	35.0	15
		20°-60° with sharp contacts and/or rimmed	334F	107.4	107.9	0.5	100%	.5% Po 2% Cpy	.62%	<.01%	.04%	31.9	10
		with epidote.	335F	107.9	108.0	1.0	100%	3% Po 1% Cpy	.08%	<.01%	.02%	2.7	<5

# ANACONDA Canada Exploration Ltd.

## DIAMOND DRILL LOG

PROPERTY : \_\_\_\_\_ HOLE No. : 84-6 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET NO. : 6 OF 6

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
			336F	108.9	109.4	0.5	100%	15% Po, 2% Cpy, tr Sph	.13%	<.01%	.01%	4.1	<5
			337F	109.4	109.9	0.5	100%	15% Po, 2% Cpy, tr Sph	.16%	<.01%	.01%	5.5	<5
			338F	109.9	110.4	0.5	100%	5% Po, 1% Cpy, tr Sph	.25%	<.01%	.02%	11.7	<5
			339F	110.4	111.4	1.0	100%	5% Po, 1% Cpy, tr Sph	.13%	<.01%	.01%	4.5	<5
			340F	111.4	112.4	1.0	100%	3% Po, .5% Cpy, tr Sph	500	6	71	1.4	<5
			341F	112.4	113.4	1.0	100%	3% Po, .5% Cpy, tr Sph	182	4	352	0.3	<5
			342F	113.4	114.4	1.0	100%	3% Po, .5% Cpy, tr Sph	530	3	685	0.7	<5
114.4	124.1	Diorite Sill. 2-6 mm plagioclase laths, 3-8 mm chloritic clots, partly calcareous.	343F	114.4	115.4	1.0	100%	3% Po, .5% Cpy, tr Sph	225	2	92	0.4	<5
		1% Po trace Cpy-Sph throughout.	344F	115.4	116.4	1.0	100%	3% Po, .5% Cpy, tr Sph	49	2	166	0.2	<5
			345F	116.4	117.4	1.0	100%	3% Po, .5% Cpy, tr Sph	191	2	136	0.3	<5
			346F	117.4	118.4	1.0	100%	5% Po, 1% Cpy, Sph	328	2	560	0.4	<5
			347F	118.4	119.4	1.0	100%	2% Po, tr Cpy, Sph	156	2	113	0.2	<5
			348F	119.4	120.4	1.0	100%	2% Po, tr Cpy, Sph	95	2	99	0.2	<5
			349F	120.4	121.4	1.0	100%	2% Po, tr Cpy, Sph	62	2	720	0.2	<5
			350F	121.4	122.7	1.3	100%	2% Po, tr Cpy, Sph	175	2	108	0.2	<5
			351F	122.7	124.1	1.4	100%	2% Po, tr Cpy, Sph	43	2	105	0.2	<5

# ANAconda Canada Exploration Ltd.

## DIAMOND DRILL LOG

PROPERTY : SKWIM HOLE No. : 84-7 CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 0+68S  
0+23W

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : Sept. 14/84

SHEET NO. : 1 of 3

DEPARTURE : \_\_\_\_\_

BEARING : 270°

DATE FINISHED : Sept. 16/84

LOGGED BY : A. KIKAUKA

ELEVATION : 1182 m

DIP : -47°

TOTAL DEPTH : 79.6 m

DATE : Sept. 15/84

CORE SIZE : 80

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu Pb Zn Ag Au				
									Cu	Pb	Zn	Ag	Au
0.0	1.8	Casing											
1.8	5.2	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 43° to 0. Mineralized quartz and epidote veins.						90% tr-.5% Po					
5.2	6.0	Chloritic andesite flow. Shearing 40° to 0. Fracture filling Cpy.						90%					
6.0	25.6	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 42° to 0. Quartz breccia at 6.8 m with Cpy-Sph-Po mineralization. Quartz veins at 11.2 and 13.0 m carrying Cpy and Po. 0.1-0.8 cm calcite veins at 19.5 m. Contorted and disjointed beds at 23.6 m.						100%					
25.6	28.3	Green chloritic andesite flow. Traces fracture filling Sph and Cpy: 27.9-28.3 m.	1332352G	27.9	28.6	0.7	100%	1% Po, .5% tr Sph, Cpy	680	5	840	1.3	<5
28.3	50.3	Black siliceous argillite, interbedded tuffaceous	353G	29.8	31.3	1.5	100%	1% Po, tr Sph, Cpy	700	68	2790	9.2	35

**ANACONDA** Canada Exploration Ltd.

## **DIAMOND DRILL LOG**

**PROPERTY :** \_\_\_\_\_ **HOLE No. :** 84-7 **CLAIM :** \_\_\_\_\_

**COLLAR SURVEY**

**LATITUDE:** \_\_\_\_\_

**DEPARTURE :** \_\_\_\_\_

**ELEVATION :** \_\_\_\_\_

**PATE BEGUN:**

SHEET No. 2 of 3

**DATE FINISHED:** \_\_\_\_\_

**LOGGED BY** \_\_\_\_\_

**TOTAL DEPTH** \_\_\_\_\_

**DATE** \_\_\_\_\_

**CORE SIZE:** \_\_\_\_\_

CORE SIZE! \_\_\_\_\_

**ANACONDA** Canada Exploration Ltd.

**DIAMOND    DRILL    LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-7 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET NO. : 3 of 3

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
53.5	63.8	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 42° to θ. Chlorite bands parallel to bedding with crosscutting epidote veinlets. Increasing quartz-epidote brecciation at 60.1-61.6 m with crosscutting Po and Sph stringers.	359G	60.0	60.8	0.8	100%	2% Po, tr .5% Sph	330	277	8070	2.9	<5
			360G	60.8	61.5	0.7	100%	2% Po, tr .5% Sph	236	445	3390	2.8	<5
			361G	62.8	63.8	1.0	100%	2% Po tr Cpy	157	65	242	0.6	<5
63.8	79.6	Green chloritic andesite flow. Chlorite clots and bands elongated 48° to θ. Epidote veinlets carrying Sph-Po. Disseminated Po 1-3% throughout. High grade zone 75.9-76.6 m. Sph-Gal - pink garnet with wiry bleached texture. Fracture filling Cpy 76.6-79.6 m.	362G	63.8	65.9	2.1	100%	2% Po tr Cpy	115	5	212	0.4	<5
			363G	65.9	67.9	2.0	100%	2% Po, tr Cpy, Sph	128	2	284	0.5	<5
			364G	67.9	69.9	2.0	100%	2% Po tr Sph	55	2	155	0.2	<5
			365G	69.9	71.9	2.0	100%	2% Po tr Sph	62	2	166	0.3	<5
			366G	71.9	73.9	2.0	100%	2% Po tr Sph	110	2	127	0.4	<5
			367G	73.9	75.9	2.0	100%	2% Po, tr Sph, Cpy	865	29	318	16.0	5
			368G	75.9	76.6	0.7	100%	3% combined Sph,Gal,Garnet?	0.13%	1.57%	6.23%	68.9	20
			369G	76.6	78.1	1.5	100%	2% Po .5% Cpy	1035	246	890	11.0	15
			370G	78.1	79.6	1.5	100%	2% Po .5% Cpy	1030	133	3750	8.3	5

**ANACONDA** Canada Exploration Ltd.

**DIAMOND DRILL LOG**

PROPERTY : SKWIM      HOLE No. : 84-8      CLAIM : DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 2+17S  
0+35W

LATITUDE :

SECTION :

DATE BEGUN : Sept. 23/84

SHEET No. : 1 of 5

DEPARTURE :

BEARING : 047°

DATE FINISHED : Sept. 27/84

LOGGED BY : A. KIKAUKA

ELEVATION : 1133 m

DIP : -65°

TOTAL DEPTH : 159.2 m

DATE : Sept. 24/84

CORE SIZE : 80

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	2.5	Overburden											
2.5	3.7	Siliceous black argillite. Graphitic slickensides perpendicular to @. 2% combined fracture filling and massive lenses associated Cpy-Po-Sph with quartz.	1332372H	2.5	3.7	1.2	80%	2% Cpy, 1% Po, 1% Sph	3.25%	<.01%	.18%	86.7	15
3.7	17.1	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 18° to @ at 7.7 m. Crosscutting epidote veinlets locally brecciated and carrying minor Sph and Po.	373H	12.2	13.0	0.8	100%	1% Cpy 1% Po	3620	5	420	4.0	<5
			374H	14.7	16.2	1.5	100%	.5% Sph	101	6	1940	1.2	<5
			375H	16.2	17.1	0.9	100%	.5% Sph	36	4	2600	0.2	<5
17.1	22.1	Chlorite-quartz-epidote breccia zone carrying Sph-Po-Cpy, 1% combined over 5.0 m in siliceous black argillite with tuffaceous sandstone interbeds. Beds contorted.	376H	17.1	18.1	1.0	100%	1.5% Sph, 1% Po, tr Cpy	317	12	10400	1.1	<5
			377H	18.1	19.1	1.0	100%	1% Po tr Sph	1650	93	1300	9.0	5
			378H	19.1	20.1	1.0	100%	1% Po .5% Sph	134	26	720	0.6	<5
			379H	20.1	21.1	1.0	100%	.5% Sph 1% Po	225	115	2700	1.2	<5
			380H	21.1	22.1	1.0	100%	1% Po tr Sph	213	129	1540	2.6	<5

# **ANACONDA Canada Exploration Ltd.**

DIAMOND      DRILL      LOG

**PROPERTY :** \_\_\_\_\_ **HOLE No. :** 84-8 **CLAIM :** \_\_\_\_\_

HOLE No.: 84-8

CLAIM 1

**COLLAR SURVEY**

**DATE BEGUN:** \_\_\_\_\_

SHEET NO.: 2 of 5

LATITUDE: \_\_\_\_\_

**DATE FINISHED:** \_\_\_\_\_

**LOGGED BY :** \_\_\_\_\_

**DEPARTURE :**

**BEARING :** \_\_\_\_\_

**TOTAL REPTH.** \_\_\_\_\_

#### **RATE :**

### **ELEVATION :**

## DIP :

#### **CORE SIZE 1**

**ANACONDA** Canada Exploration Ltd.

**DIAMOND    DRILL    LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-8 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET NO. : 3 of 5

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
		tetrahedrite 61.8-62.6 m. Quartz-calcite											
		stringers and minor brecciation 64.6-74.8 m.											
		Trace Gal-Sph in epidote veinlets 67.0-67.7 m.											
74.9	75.3	Dacite dyke, 2-5 mm chlorite clots, vuggy											
		calcite veins 1 cm wide.											
75.3	89.0	Siliceous black argillite, interbedded	391H	75.5	76.5	1.0	100%	3% Po	321	38	50	2.7	<5
		tuffaceous sandstone. Secondary chlorite (enriched at grain boundaries) and lappilli	392H	76.5	77.5	1.0	100%	5% Po 1% Cpy	1310	28	340	10.0	45
		size (4-6 mm) fragments in tuffaceous	393H	77.5	78.5	1.0	100%	30% Po 3% Cpy	.23%	.01%	.11%	20.6	180
		sandstone 78.4-80.0 m. Massive Po-	394H	78.5	80.0	1.5	100%	3% Po .5% Cpy, tr Sph	615	280	1180	8.3	<5
		Cpy at 77.5-78.5 m with stringer zone at 76.5-77.5 m. Bedding 15-20° to θ.	395H	86.2	87.3	1.1	100%	3% Po .5% Cpy	640	270	390	3.6	<5
89.0	102.4	Sph-Gal-Cpy zone 89.0-	396H	89.0	90.0	1.0	100%	1% Sph, .5% Gal, .5% Po	.04%	.13%	.60%	8.91	<5
		95.0 m, 96.4-97.4 m, 98.9-99.9 m, 101.4-	397H	90.0	91.0	1.0	100%	1% Sph, .5% Gal, .5% Cpy	.06%	.32%	.43%	15.8	150
		102.4 m. These intervals contain stringers of	398H	91.0	92.0	1.0	100%	.5% Sph tr Gal	208	350	410	2.9	180

**ANACONDA** Canada Exploration Ltd.

**DIAMOND    DRILL    LOG**

PROPERTY : \_\_\_\_\_ HOLE No.: 84-8 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY :

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No.: 4 of 5

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
		Sph (grey) and Cpy 0.1-0.2 cm wide.	399H	92.0	93.0	1.0	100%	.5% Sph	173	750	1870	2.8	180
		Epidote-quartz veinlets and breccia	400H	93.0	94.0	1.0	100%	.5% Sph tr Gal	222	850	1860	3.8	< 5
		carry Gal and Sph. The argillite	401H	94.0	95.0	1.0	100%	1% Po, .5% Cpy, .5% Sph	.09%	.08%	.19%	8.91	10
		is sheared 10-20° to θ. Well developed	402H	95.0	96.4	1.4	100%	1% Po tr Cpy	.70	270	760	0.9	< 5
		foliation and greasy lustre in chlorite	403H	96.4	97.4	1.0	100%	1% Sph, .5% Gal	.02%	.11%	.95%	2.7	< 5
		rich bands.	404H	97.4	98.9	1.5	100%	.5% Po tr Cpy	32	290	380	0.7	< 5
			405H	98.9	99.9	1.0	100%	2% Cpy, 1% Sph tr Gal, 1% Po	1.62%	.28%	1.20%	175.2	40
			406H	99.9	101.4	1.5	100%	1% Po tr Sph	241	630	1140	4.9	< 5
			407H	101.4	102.4	1.0	100%	3% Sph, 1% Gal, 1% Po	.05%	.78%	2.67%	8.9	15
102.4	159.2	Black siliceous argillite, interbedded tuffaceous	408H	102.4	103.4	1.0	100%	.5% Sph tr Gal	314	1660	6800	5.3	< 5
		sandstone. Beds 35° to θ at 111.1 m 10° at	409H	103.4	104.4	1.0	100%	1% Po tr Sph	102	555	1950	1.2	< 5
		113.2 m. 1% Po-Sph zone 102.4-106.4 m.	410H	104.4	105.4	1.0	100%	1% Po tr Sph	142	171	850	1.2	< 5
		Contorted beds and weak-moderate quartz-	411H	105.4	106.4	1.0	100%	1% Po tr Sph	249	910	3400	4.2	< 5
		epidote brecciation throughout.	412H	107.9	109.2	1.3	100%	2% Po, 1% Cpy, tr Sph	1900	300	1100	6.0	< 5
			413H	133.2	134.2	1.0	100%	2% Po .5% Sph	725	3300	2.59%	32.0	< 5

# **ANACONDA Canada Exploration Ltd.**

DIAMOND      DRILL      LOG

PROPERTY : \_\_\_\_\_ HOLE No. : 84-8 CLAIM : \_\_\_\_\_

**COLLAR SURVEY**

## LATITUDE:

**DEPARTURE :** **BEARING :**

## SERMONS

**ELEVATION :** \_\_\_\_\_

**DATE BEGUN:** \_\_\_\_\_

SHEET NO.: 5 of 5

DATE FINISHED: \_\_\_\_\_

LOGGED BY : J

#### **TOTAL DEBT**

**DATE :**

**CORE SIZE:** \_\_\_\_\_

**CORE SIZE:**

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : SKWIM HOLE No.: 84-9 CLAIM: DIADEM

HOLE SURVEY		
FOOTAGE	BEARING	DIP

COLLAR SURVEY : 2+69S  
0+19W

LATITUDE :

DEPARTURE :

ELEVATION : 11 26 m

SECTION :

BEARING : 100°

DIP : -60°

DATE BEGUN : Sept. 30/84

SHEET NO. : 1 of 4

DATE FINISHED : Oct. 2/84

LOGGED BY : A. KIKAUKA

TOTAL DEPTH : 102.8 m

DATE : Sept. 30/84

CORE SIZE : BQ

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
0.0	1.8	Casing											
1.8	9.4	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 30° to 0. Crosscutting epidote veinlets 0.1-0.3 cm carrying minor Cpy-Po and trace Sph.	13324161	7.9	9.0	1.1	95%	2% Cpy 1% Po	2950	148	950	6.2	<5
9.4	12.7	Green chloritic andesite flow. Sheared with foliation developed. 1-3 mm chlorite clots elongated 30° to 0. Cpy stringers at 10.4-11.1 m.	417I	10.4	11.1		100%	1% Cpy, 1% Po, tr Sph	4290	6	263	5.0	<5
12.7	21.3	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 38° to 0. Cpy stringers at 14.1-14.8 m, 15.5-16.8 m. 17.3-18.3 m 103 cm chlorite bands and contorted beds associated with mineralization.	418I	14.1	14.8	0.7	100%	1% Cpy 1% Po	5120	4	235	6.3	<5
			419I	15.5	16.8	1.3	100%	1% Cpy 1% Po	4450	3	133	4.8	<5
			420I	17.3	18.3	1.0	100%	1% Cpy 1% Po	2150	2	267	2.1	<5
21.3	29.9	Green chloritic andesite flow. 1-3 mm chlorite clots. Cpy stringers at 26.2-27.8 m.	421I	26.2	27.0	0.8	100%	1% Cpy 1% Po	16,760	7	1400	20.0	<5
			422I	27.0	27.8	0.8	100%	1% Cpy	6250	6	455	4.0	<5

**ANACONDA** Canada Exploration Ltd.

**DIAMOND    DRILL    LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-9 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. 2 OF 4

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
29.9	47.6	Siliceous black argillite, interbedded	423I	30.0	31.8	1.8	100%	1% Cpy 1% Po	1320	14	274	2.7	<5
		tuffaceous sandstone. Beds 35° to θ.	424I	32.6	33.6	1.0	100%	1% Cpy, 1% Po, tr Sph	645	12	8000	1.6	<5
		Chlorite-epidote veinlets 1-3 mm wide	425I	33.6	34.7	1.1	100%	1% Cpy, 1% Sph, 1% Po	1400	13	11,700	4.2	15
		associated with Po. Chlorite bands and	426I	34.7	35.8	1.1	100%	1% Cpy, .5% Sph, 1% Po	304	18	2500	1.3	<5
		contorted beds with Cpy stringers with	427I	35.8	36.8	1.0	100%	1% Cpy, 1% Po, tr Sph	189	11	390	0.6	<5
		minor Sph at 30.0-31.8 m, 32.6-36.8 m.											
47.6	58.5	Epidote-chlorite-qtz veinlets and breccia	428I	47.6	48.6	1.0	100%	1% Po .5% Sph	179	50	2800	0.6	<5
		in argillite. Epidote carries Sph-Gal.	429I	48.6	49.6	1.0	100%	1% Cpy 1% Po	815	290	1330	4.6	15
		10-30 cm quartz veins carry Po-Cpy.	430I	49.6	50.6	1.0	100%	1% Po .5% Sph	79	49	750	0.4	5
			431I	50.6	52.1	1.5	100%	1% Po .5% Sph-Gal	93	350	1280	1.5	<5
			432I	52.1	53.6	1.5	100%	1% Po .5% Sph-Gal	123	780	3400	3.0	<5
			433I	54.0	55.0	1.0	100%	1% Po .5% Sph-Gal	103	630	1210	1.7	<5
		Ep-qtz-chl assemblage, minor Gal-Sph.	434I	55.0	56.0	1.0	100%	1% Po .5% Sph-Gal	64	197	1000	1.4	<5
		" " " "	435I	56.0	58.5	1.0	100%	4% Po .5% Sph	555	33	845	1.0	<5
		" " " "	436I	57.0	58.5	1.5	100%	1% Po .5% Sph-Gal	115	610	945	2.0	<5

**ANACONDA Canada Exploration Ltd.**

**DIAMOND DRILL LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : 84-9 CLAIM : \_\_\_\_\_

HOLE SURVEY		
FOOTAGE	BEARING	DIP

**COLLAR SURVEY :**

LATITUDE : \_\_\_\_\_

SECTION : \_\_\_\_\_

DATE BEGUN : \_\_\_\_\_

SHEET No. : 3 of 4

DEPARTURE : \_\_\_\_\_

BEARING : \_\_\_\_\_

DATE FINISHED : \_\_\_\_\_

LOGGED BY : \_\_\_\_\_

ELEVATION : \_\_\_\_\_

DIP : \_\_\_\_\_

TOTAL DEPTH : \_\_\_\_\_

DATE : \_\_\_\_\_

CORE SIZE : \_\_\_\_\_

METRES		DESCRIPTION	SAMPLE NO.	FROM	TO	WIDTH	RECOV.	SULPHIDES	Cu	Pb	Zn	Ag	Au
FROM	TO												
58.5	59.7	Green chloritic andesite flow. Quartz veining with Po-Sph-Gal near contacts. Sharp contact 40° to @ at 59.7 m.	437I	58.5	59.7	1.2	100%	2% Po .5% Sph-Gal	256	660	1390	5.2	<5
59.7	65.0	Siliceous black argillite, interbedded tuff- aceous sandstone. Beds 25° to @. Epidote-chlorite breccia with minor Po-Sph and fine grained Gal.	438I	61.2	62.5	1.3	100%	1% Po, tr Sph, Gal	190	1090	3400	10.0	10
65.0	66.5	Green chloritic andesite flow. Disseminated Sph.	441I	65.0	66.0	1.4	100%	1% Sph tr Po	28	50	4100	1.0	<5
66.5	70.7	Siliceous black argillite, interbedded tuffaceous sandstone. Beds 60° to @. 1 mm (crosscutting) Sph stringers.	442I	66.4	67.7	1.3	100%	1% Po, .5% Sph, Gal	65	740	6500	2.2	<5
70.7	78.4	Sph-Gal (0.5% combined) zone with epidote-qtz-chlorite breccia and cross- cutting vein network in black argillite.	443I	67.7	69.2	1.5	100%	1% Po, .5% Sph, Gal	86	700	3700	1.6	<5
			444I	69.2	70.7	1.5	100%	1% Po, .5% Sph, Gal	54	665	1780	0.9	<5
			445I	70.7	71.7	1.0	100%	1% Po, 1% Sph, Gal	163	825	3100	2.2	<5
			446I	71.7	72.7	1.0	100%	1% Po, 1% Sph, Gal	247	3200	8700	5.2	<5
			447I	72.7	73.4	0.7	100%	3% combined Sph-Gal-Po-Cpy	.06%	1.08%	2.59%	22.8	5
			448I	73.4	74.1	0.7	100%	3% combined Sph-Gal-Po-Cpy	.04%	1.06%	1.65%	17.1	5

**ANACONDA** Canada Exploration Ltd.

**DIAMOND**      **DRILL**      **LOG**

PROPERTY : \_\_\_\_\_ HOLE No. : **84-9** CLAIM : \_\_\_\_\_

COLLAR SURVEY

**LATITUDE:** \_\_\_\_\_

**DEPARTURE :** \_\_\_\_\_

**ELEVATION :** \_\_\_\_\_

**SECTION :** \_\_\_\_\_

**DATE BEGUN :** \_\_\_\_\_

SHEET NO.: 4 OF 4

DATE FINISHED : \_\_\_\_\_

LOGGED BY :

**TOTAL DEPTH** \_\_\_\_\_

**DATE :** \_\_\_\_\_

**CORE SIZE:** \_\_\_\_\_