

FIN CLAIMS
(Pearson Option)
Diamond Drilling
Omineca Mining Division, B.C.
N.T.S. 94 E 2
September, 1980

L. Haynes

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8331

FIN CLAIMS

(Pearson Option)

Omineca Mining Division, B.C.

N.T.S. 94 E 2

September, 1980

L. Haynes

<u>CLAIMS</u>	<u>RECORD #</u>	<u>EXPIRY DATE</u>
Fin 1 (20 units)	3062 (7)	31 July 1982
Fin 2 (20 units)	3063 (7)	31 July 1982
Fin 3 (1 unit)	3064 (7)	31 July 1982
Fin 4 (20 units)	1864 (7)	3 July 1981
Fin 5 (8 units)	1865 (7)	3 July 1981
Fin 6 (6 units)	1946 (8)	3 Aug. 1982

Location: 57°14'N, 126°41'W
Owner: Bradford D. Pearson
Operator: Rio Tinto Canadian Exploration Ltd.
Work Performed: November 14 to December 17, 1979.

FIN CLAIMS

(Pearson Option)

Diamond Drilling

Omineca Mining Division, B.C.

N.T.S. 94 E 2

September, 1980

SUMMARY

The Fin claims cover a porphyry copper-gold prospect located in the Thutade Lake-Finally River area of British Columbia. During November and December 1979 two diamond drill holes totalling 377 metres were drilled near the 'A' showing, a zone of copper carbonates coating fractures in an area of quartz stockwork. The showing is hosted by a highly altered and silicified granodiorite.

DDH 79-1 intersected two separate zones of interesting copper-gold mineralization. DDH 79-2 drilled 155 metres southwest of 79-1 intersected a weaker mineralized section in a less altered granodiorite.

Further diamond drilling is recommended to test the mineralization and alteration seen in the 'A' showing and intersected in holes 79-1 and 79-2.

TABLE OF CONTENTS

SUMMARY	<u>PAGE NO.</u>
1. INTRODUCTION.....	1
1.1 Location and Access.....	2
1.2 Topography.....	2
1.3 Property and Claim Status.....	3
1.4 History and Previous Work.....	5
1.5 Work by Riocanex in 1979.....	5
2. DIAMOND DRILLING	6
3. CONCLUSIONS AND RECOMMENDATIONS.....	8

TABLES

I. CLAIM STATUS.....	3
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APPENDICES

A. Diamond Drill Logs (DDH 79-1, DDH 79-2)	
B. Assay Results (DDH 79-1, DDH 79-2)	
C. Cost Statement	
D. Statement of Qualifications	

LIST OF ILLUSTRATIONS

DRAWING NO.

L-6608	Property Location Map.....	4
L-7566	Claim and Drill Hole Location Map.....	In Pocket
D-7567	Assay Results - DDH-79-1, DDH 79-2.....	In Pocket

FIN CLAIMS

(Pearson Option)

Omineca Mining District, B.C.

Diamond Drilling

1. INTRODUCTION

The Pearson Option is a porphyry copper-gold prospect located in the Thutade Lake-Finlay River area of British Columbia. Two diamond drill holes totalling 388 metres were completed during the period from November 14 to December 17, 1979. The field work was supervised by Larry Haynes, a permanent staff member with Rio Tinto Canadian Exploration Ltd.

Results of the programme are discussed in the following report.

1.1 Location and Access

The Pearson Option (Fin Claims) is located in the Omineca Mining District, B.C., approximately 20 km north-east of the northern end of Thutade Lake and 1 km south of the Finlay River. The claims encompass an area of approximately 19 km² centering on Latitude 57°14'N and Longitude 126°41'W.

Access to the property is by helicopter. The drill programme was mobilized from Smithers, B.C. Men, equipment and supplies were moved by fixed wing aircraft to the Sturdee River airstrip approximately 27 km west of the property, then by helicopter.

1.2 Topography

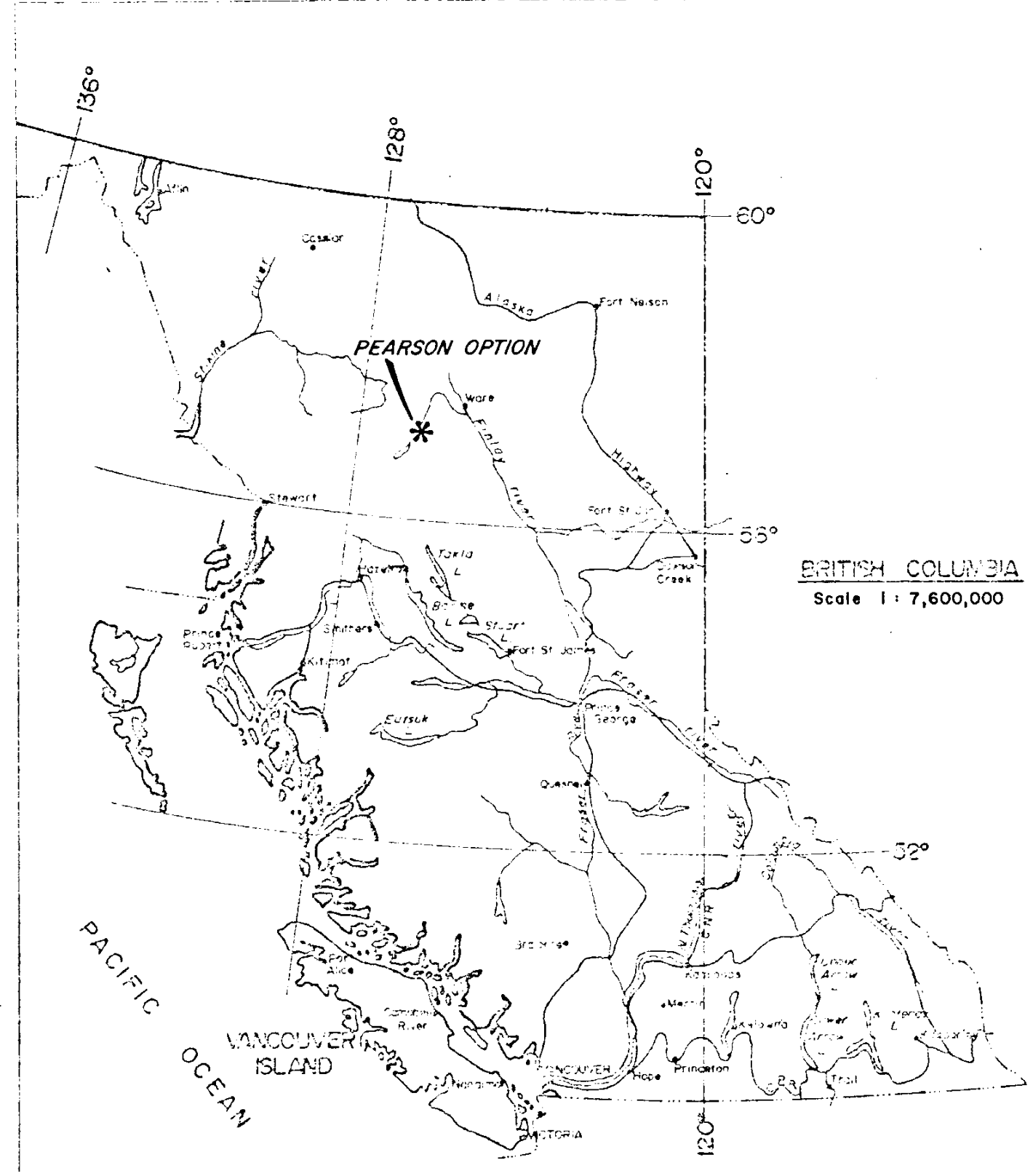
The Fin Claims encompass some 19 km² of relatively flat terrain on old terraces of the Finlay River. At this point the Finlay River flows northeast along a broad (5 km wide) valley through the Swannel Ranges. Elevations range from 1000 m to 1200 m above sea level.

1.3 Property and Claim Status

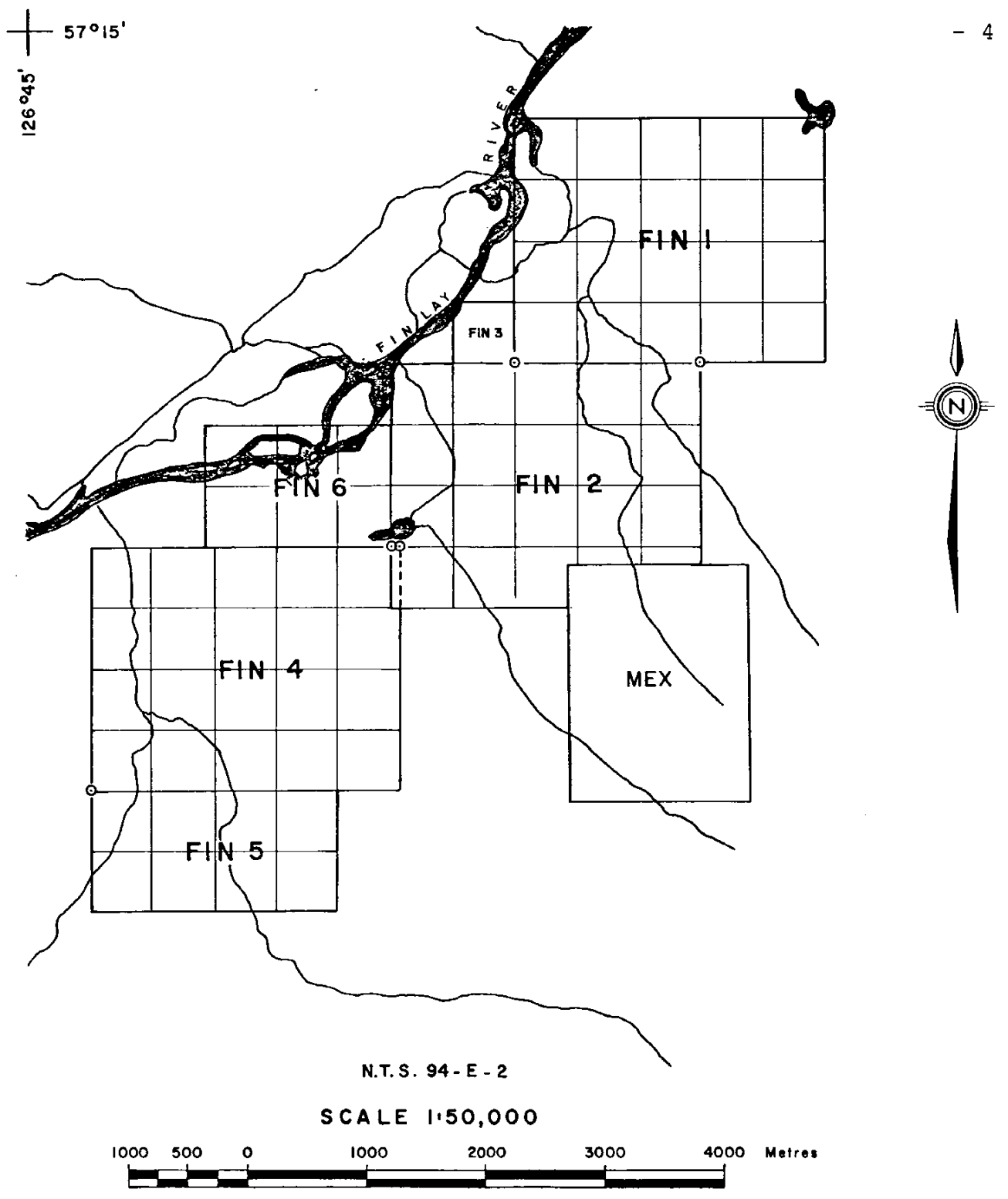
The Pearson Option currently consists of six mutually contiguous mineral claims totalling 75 units. The claims, their record numbers and anniversary dates are given in the table below. Map L-7566 shows the location of the diamond drill holes relative to the claim boundaries.

TABLE 1
Claim Status

<u>Claim Name</u>	<u>Record Number</u>	<u>Anniversary Date</u>
FIN 1 (20 units)	3062 (7)	31 July 1982
FIN 2 (20 units)	3062 (7)	31 July 1982
FIN 3 (1 unit)	3062 (7)	31 July 1982
FIN 4 (20 units)	1864 (7)	3 July 1981
FIN 5 (8 units)	1865 (7)	3 July 1981
FIN 6 (6 units)	1946 (8)	3 Aug. 1982



BRITISH COLUMBIA
Scale 1: 7,600,000



N.T.S. 94-E-2
SCALE 1:50,000

RIO TINTO CANADIAN EXPLORATION LTD		
PEARSON OPTION B.C.		
LOCATION MAP		
JAN. 1980	L.H./y.m.	DAG L-6608

1.4 History and Previous Work

The Fin Claims were optioned by Riocanex from Bradford D. Pearson in October 1978. Pearson had staked the Fin claims during September 1978 to cover a porphyry copper-gold-molybdenum prospect that he had identified through reviewing B.C. Ministry of Mines Assessment Reports.

The Fin Claims cover portions of an area that was worked by Kennco Exploration (Western) Ltd., during the period June 1968 to April 1973. Kennco's work included soil and silt sample surveys, ground and airborne magnetometer surveys, reconnaissance I.P. and geological mapping. Details of this work is documented in B.C. Dept. of Mines Assessment Reports 1846, 1886, 1983, 2035, 2326, 2380, 3031, 3120, 3266, and 4396.

During the period from June 6, 1979 to August 16, 1979 Riocanex mapped the property at a scale of 1:5,000 and carried out soil and silt sampling over most of the property. The results of this work led to the diamond drill programme. A summary of the 1979 summer programme is contained in an earlier report and has been filed for assessment purposes.

1.5 Work by Riocanex (Nov.-Dec. 1979)

A diamond drilling programme commenced on November 14 and continued until December 1979. During this period two BQ holes totalling 388 metres were drilled.

2. DIAMOND DRILLING

Two BQ diamond drill holes 79-1 and 79-2 were drilled during November and December 1979. Location of these holes relative to the claim boundary is shown on map L-7566.

Hole 79-1 was drilled vertically to a depth of 211 metres to test a surface showing ('A' showing) of malachite stained quartz stockwork in a highly altered granodiorite. Hole 79-2 was spotted 155 metres southwest of 79-1 and drilled vertically to a depth of 177 metres. The purpose of hole 79-2 was to test the lateral extent of mineralization seen at the 'A' showing. Drill logs for holes 79-1 and 79-2 are included in the report as Appendix A. A general discussion of the results of the drilling follows.

Hole 79-1 was collared on the 'A' showing, the largest area of copper mineralization found on the property. Here a highly altered granodiorite intrudes a series of porphyritic dacite flows. Both the volcanics and intrusive are cut by a porphyritic felsite dike. The mineralization occurs as copper carbonates coating fractures in an area of quartz stockwork with veinlets ranging from 0.5 to 1.5 cm. The stockwork is found in the altered intrusive and not in the surrounding volcanics. Mineralization is confined to a high pyrite (3-5%) and high magnetite (3-5%) area and is surrounded by a highly fractured, phyllicly altered and iron stained zone.

Hole 79-1 intersected two zones of stockwork mineralization and bottomed in unaltered granodiorite. The mineralization extends from surface to 51.0 metres and again from 102.0 to 127.5 metres. The granodiorite in these sections is intensely altered. The alteration assemblage consists of quartz-sericite-pyrite-chlorite with lesser gypsum and epidote.

The mineralization consists of disseminated chalcopyrite, pyrite and magnetite. Both magnetic and pyrite occur as large clusters and veinlets. The upper mineralized section in 79-1 averaged 51 metres of 4.1 g/t Ag, 0.7 g/t Au and 0.27% Cu. The lower 25.5 m section averaged 3.1 g/t Ag, 0.7 g/t Au and 0.34 % Cu. The mineralized and altered zones in 79-1 are in sharp contact with the unaltered zones and no copper mineralization was found in the fresh granodiorite.

Hole 79-2 drilled 155 metres southwest of 79-1 was collared in a fine grained intensely silicified granodiorite. The hole intersected a weakly mineralized section from 60.0 to 144.0 metres which assayed 1.2 g/t Ag, 0.15 g/t Au and 0.10% Cu.

The mineralization consists of disseminated, fine grained chalcopyrite and pyrite. Pyrite also occurs as widely spaced veinlets. The mineralized zone differs from hole 79-1 in that the quartz veins are poorly defined, magnetite content is less and the chlorite-sericite alteration is much weaker. Gypsum coated fractures are rare and only occur in the lower portions of the hole. The granodiorite in this zone contains up to 30% Kspar. Kspar was also seen in hole 79-1 in the lower mineralized section. In this section the Kspar forms fine grained interlocking aggregates with quartz, suggesting that it accompanied the silicification and is not primary.

Assay results for 79-1 and 79-2 are included as Appendix B and are plotted against the drill sections in drawing D-7567.

All core was removed from the property and stored at the Riocanex warehouse in North Vancouver.

3. CONCLUSIONS AND RECOMMENDATIONS

The copper-gold bearing quartz stockwork intersected in hole 79-1 suggests the presence of a large porphyry system. Alteration (silicification, anhydrite veining, introduction of magnetite) seen in both holes 79-1 and 79-2 further suggest a broad extent to this system.

Further diamond drilling is recommended to test for the extension of mineralization intersected in hole 79-1.

Respectfully submitted

RIO TINTO CANADIAN EXPLORATION LIMITED



Larry Haynes

APPENDIX A

DIAMOND DRILL LOGS (DDH 79-1, 79-2)

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

LOCATION : 26 + 50 W, 5 + 50 N	DIAMOND DRILL RECORD	HOLE NO : 79-1
AZIMUTH :		PROPERTY : Pearson Option
DIP : -90	LENGTH : 211.2 m	ELEVATION : 1080 m
STARTED : November 27, 1979	CORE SIZE : BQ	DATE LOGGED : Dec. 15
COMPLETED : December 1, 1979	DIP TESTS :	LOGGED BY : L. Haynes
PURPOSE : To test the mineralized 'A' showing		CONTRACTOR: Drilcor Industries Ltd.

Metreage from	Metreage to	DESCRIPTION	SAMPLE NO	Metreage from	Metreage to	LENGTH	Ag g/t	Au g/t	Cu %	Core Recovery
0	1.8	Casing								
1.8	51.0	Quartz- pyrite - magnetite stockwork in a highly altered (silicified), strongly magnetic, fine grained, pale red-brown granodiorite. The silicification has destroyed most of the original texture. Composition of the granodiorite is:		1.8	51.0	49.2	4.1	0.7	0.27	30-60%
		15% Quartz eyes (0.5 - 1 mm)								
		45% Orange (iron stained) plagioclase								
		35% Magnetite-mostly fine grained disseminations and clusters with minor veinlets and fracture coatings								
		5% Fine grained biotite								

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-1
PAGE No: 2 of 6

Metreage from	Metreage to	DESCRIPTION	SAMPLE NO	Metreage from	Metreage to	LENGTH	Ag g/t	Au g/t	Cu %	Core Recovery
		The stockwork consists of thin quartz, pyrite and magnetite veinlets and forms up to 10% of the rock.								
		Quartz veinlets are very light grey in colour and average 4 mm in width. Veinlets are parallel and at 40° to c/a. Spacing averages one veinlet every 10-15 cm.								
		Pyrite veinlets average 1 mm in width and are vertical to near vertical (10-20% to c/a). The pyrite veinlets cut both the quartz and magnetite veinlets and show occasional offsets.								
		Chalcopyrite (0.5%) occurs as disseminations in the granodiorite and occasionally with the quartz and pyrite veinlets.								
		Core in this section was badly broken and fractured. Recovery was poor, ranging from 30-60%.								
	0-16 m	Malachite staining on fractures								
	36-42 m	Hematite coating fractures								

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-1
PAGE No: 3 of 6

Metreage		DESCRIPTION	SAMPLE No	Metreage		LENGTH				Core Recovery
from	to			from	to					
51	102	Ground is highly fractured and badly broken with largest core 7 - 10 cm long, averaging 3 cm in length. Good recovery.								90%
		Fine grained, slightly porphyritic, fresh, white to greyish pink granodiorite.								
		5% Plagioclase-phenocrysts								
		70% Plagioclase- fine grained. The feldspars are variably iron stained. Staining appears to start in the core of the plagioclase and may or may not stain the rims.								
		10-15% Quartz								
		5 - 10% Mixed biotite and hornblende								
		2-5% Disseminated pyrite								
		Minor chlorite and gypsum occur as veinlets and fracture coatings								
		51 - 62 m Granodiorite changes from white to greyish pink.								

R A M L 269

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-1
PAGE No: 4 of 6

Metreage		DESCRIPTION	SAMPLE No	Metreage		LENGTH	Ag g/t	Au g/t	Cu %				Core Recovery
from	to			from	to								
		66-70 m Intense chlorite alteration. Chlorite altering biotite and as veinlets forms up to 30% of the rock.											
102	127.5	Very fine grained, grey to black, highly altered granodiorite (?) The original texture of the rock is obscured by intense chlorite - gypsum - pyrite - quartz veinlets, giving an mylonitic texture. Thin section description gives the following composition. 25% Gypsum - abundant veinlets and aggregates of small grains 25% Kspar - dominates the vein free portion of the rock 15% Quartz as grains and minor veinlets 15% chlorite grows in veinlets of pyrite 10% pyrite as veinlets and clumps associated with veinlets 10% magnetite as fine grained disseminations and clumps Minor epidote and sericite are present		102	127.5	25.5	3.1	0.7	0.34				50-70%

R A M L 269

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-1
PAGE No: 5 of 6

Metreage from	to	DESCRIPTION	SAMPLE Nº	Metreage from	to	LENGTH	Core Recovery
127.5	211.2	Medium to coarse grined, pink, fresh to weakly altered granodiorite.					100%
		Mode.					
		15% Quartz- pinkish anhedral grains					
		45% Plagioclase - iron stained					
		15% Kspar					
		10% Biotite- large, relatively fresh grains					
		5% Pyrite mostly as dissemination, possibly replacing the mafics					
		5% gypsum as veinlets and fracturing coatings					
		5% Chlorite and epidote pseudomorphing biotite					
		140.0, 144.5					
		Small 10 cm breccia of granodiorite fragments in a chlorite matrix					
		185.0 - 185.5, 187.0 - 188.0					
		Zone of white granodiorite similar to interval from 51 to 62.0 m.					

R.A.M.L. 269

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-1
PAGE No: 6 of 6

Metreage from	to	DESCRIPTION	SAMPLE Nº	Metreage from	to	LENGTH	Core Recovery
		192.0 - 192.6 Zone of intense chlorite/epidote veining. Veinlets are mostly chlorite and occasionally have epidote cores.					
		194.0 - 211.2 Irregular spaced 1-3 cm dia., dark, round to oval patches of fine grained grey quartz and sericite					
		Gypsum (anhydrite) occurs throughout this section of granodiorite as thin (1 mm) veinlets at several directions to the core axis (10°, 40°, 50°). Veinlets are spaced every 20-30 centimetres.					
		The granodiorite is weakly fractured and shows a general increase in grain size with depth.					
		Chlorite veinlets and disseminated pyrite decrease at depth.					
211.2		END OF HOLE					

R.A.M.L. 269

RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRILL RECORD

LOCATION : 27 + 50W. 5 + 50N	DIAMOND DRILL RECORD	HOLE NO : 79-2
AZIMUTH :	PROPERTY : PEARSON OPTION	
DIP : - 90	LENGTH : 177.5 m	ELEVATION : 1080
STARTED : December 3, 1979	CORE SIZE : B Q	DATE LOGGED : Dec. 16
COMPLETED : December 6, 1979	DIP TESTS :	LOGGED BY : L. Haynes
PURPOSE : To test for extension of the 'A' showing		CONTRACTOR: Drilcor Industries Ltd.

Metreage from	Metreage to	DESCRIPTION	SAMPLE N ^o	Metreage from	Metreage to	LENGTH						Core Recovery
0	1.8	Casing										90%
1.8	11.8	Light grey, fine grained, silicified granodiorite. Thin section description gives the following composition										
		55% Plagioclase (albite) - iron stained										
		15% Quartz grains average 1 mm in diameter with larger grains giving the porphyritic effect.										
		10% Sericite										
		10% Chlorite										
		5% Pyrite clumps and as wide spaced vuggy quartz-pyrite veinlets										
		Minor epidote and gypsum.										

RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRILL RECORD

HOLE No: 79-2
PAGE No: 2 of 5

Metreage from	Metreage to	DESCRIPTION	SAMPLE N ^o	Metreage from	Metreage to	LENGTH						Core Recovery
11.8	16.8	Fine grained brownish-pink Rhyolite dyke.										100%
		A few white Kspar and mafic laths are visible in hand specimen.										
		Thin section description gives the following composition										
		60% Kspar										
		30% Quartz										
		5 % Plagioclase										
		3% Biotite										
		2% Pyrite										
16.8	68.5	As from 1.8 to 11.8 m. light grey, fine grained, slightly porphyritic granodiorite.										80%
		Silicification varies from moderate to intense, however in most cases a relic texture remains.										
		Irregular thin (0.5mm) quartz veinlets are space every 2- to 30 cm.										
		37.4 m										
		10 cm quartz-pyrite vein at 60° to c/a with disseminated chalcopyrite.										

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-2
PAGE No: 3 of 5

Metreage from	to	DESCRIPTION	SAMPLE No	Metreage from	to	LENGTH	Ag g/t	Au g/t	Cu %	Core Recovery
		43-49 m Badly broken ground, brecciated, possible shear zone containing fragments of fresh granodiorite.								
		48.2 - 48.5 m Zone of quartz, clay and pyrite veinlets.								
68.5	147.0	Fine grained, pink silicified granodiorite.		69.0	147.0	78.0	1.2	0.15	0.10	90%
		Mode:								
		45% Feldspar as fine grained groundmass								
		40% Quartz								
		30% Fine grained quartz								
		5% Quartz eyes								
		5% Irregular veinlets								
		10% Mafics, fine grained clusters of biotite and hornblende. Distribution on the mafics is extremely variable.								
		3-5% Pyrite as veinlets and disseminations								
		1-2% Magnetite, mostly disseminated with rare discontinuous veinlets								

R.A.M.C. 209

RIO TINTO CANADIAN EXPLORATION LIMITED
DIAMOND DRILL RECORD

HOLE No: 79-2
PAGE No: 4 of 5

Metreage from	to	DESCRIPTION	SAMPLE No	Metreage from	to	LENGTH	Ag g/t	Au g/t	Cu %	Core Recovery
		The pyrite and quartz form a weak stockwork. Veinlets vary in width from 1 to 5 mm and range in spacing from every 1 to 10 cm. Most of the veinlets are at 45° to the core axis. In places veinlets are vuggy.								
		Chalcopyrite occurs as dissemination within the granodiorite and quartz-pyrite veinlets.								
		Occasional fractures are coated with pink (iron stained) gypsum.								
		122.6 - 140.0 m Badly broken ground, poor (40%) recovery Abundant pyrite (up to 10%) as seams, cubes, and disseminations.								
		135.6 m Rare epidote fracture coatings.								
147	177.5	Fine to medium grained, pink, slightly prophyritic, weakly altered granodiorite. Alteration minerals include sericite, chlorite, gypsum, quartz and pyrite.								

R.A.M.C. 209

APPENDIX B

ASSAY RESULTS (DDH 79-1, 79-2)

PEARSON OPTION B.C.
DRILL HOLE ASSAYS

Hole 79-1

<u>From</u>	<u>To</u>	<u>Length (m)</u>	<u>%Cu</u>	<u>Au oz/t</u>	<u>Au g/t</u>	<u>Ag oz/t</u>	<u>Ag g/t</u>
0.0	3.0	3.0	0.13	0.016	0.55	0.10	3.43
3.0	6.0	3.0	0.18	0.018	0.62	0.10	3.43
6.0	9.0	3.0	0.20	0.008	0.27	0.11	3.77
9.0	12.0	3.0	0.22	0.016	0.55	0.09	3.09
12.0	15.0	3.0	0.38	0.020	0.69	0.15	5.14
15.0	18.0	3.0	0.41	0.033	1.13	0.20	6.86
18.0	21.0	3.0	0.40	0.035	1.20	0.18	6.17
21.0	24.0	3.0	0.32	0.020	0.69	0.13	4.46
24.0	30.0	6.0	0.25	0.018	0.62	0.10	3.43
30.0	33.0	3.0	0.29	0.021	0.72	0.12	4.11
33.0	36.0	3.0	0.25	0.026	0.89	0.08	2.74
36.0	39.0	3.0	0.27	0.022	0.75	0.09	3.09
39.0	42.0	3.0	0.22	0.020	0.69	0.09	3.09
42.0	45.0	3.0	0.26	0.017	0.58	0.11	3.77
45.0	47.0	3.0	0.21	0.008	0.27	0.09	3.09
47.0	51.0	3.0	0.36	0.012	0.41	0.15	5.14
99.0	102.0	3.0	0.09	0.006	0.21	0.05	1.71
102.0	105.0	3.0	0.49	0.025	0.86	0.13	4.46
105.0	108.0	3.0	0.30	0.011	0.38	0.09	3.09
108.0	111.0	3.0	0.25	0.013	0.45	0.07	2.40
111.0	114.0	3.0	0.29	0.014	0.48	0.07	2.40
114.0	117.0	3.0	0.32	0.016	0.55	0.09	3.09
117.0	120.0	3.0	0.32	0.020	0.69	0.07	2.40
120.0	123.0	3.0	0.41	0.033	1.13	0.10	3.43
123.0	127.5	4.5	0.36	0.027	0.93	0.09	3.09
<u>Averages</u>							
0.0	51.0	51.0	0.27	0.020	0.69	0.12	4.11
102.0	127.5	25.5	0.34	0.020	0.69	0.09	3.09

PEARSON OPTION B.C.

DRILL HOLE ASSAYS

Hole 79-2

<u>From</u>	<u>To</u>	<u>Length (m)</u>	<u>%Mo</u>	<u>%Cu</u>	<u>Au g/t</u>	<u>Ag g/t</u>
0.0	3.0	3.0		0.03	0.10	1.5
6.0	9.0	3.0		0.03	0.08	0.5
12.0	15.0	3.0		<0.01	0.02	<0.5
18.0	21.0	3.0		0.02	0.10	0.5
24.0	27.0	3.0		0.04	0.08	0.5
30.0	33.0	3.0	<0.001	0.03	0.01	0.5
36.0	39.0	3.0		0.06	0.08	0.5
42.0	45.0	3.0		0.03	0.14	0.5
48.0	51.0	3.0		0.04	0.08	1.5
54.0	57.0	3.0		0.02	0.08	0.5
60.0	63.0	3.0		0.06	0.14	1.0
69.0	72.0	3.0	0.005	0.10	0.30	1.5
72.0	75.0	3.0	0.004	0.10	0.30	1.5
75.0	78.0	3.0	0.002	0.09	0.20	1.0
78.0	81.0	3.0	0.003	0.09	0.12	1.5
81.0	84.0	3.0	0.004	0.11	0.12	1.0
84.0	87.0	3.0	0.004	0.10	0.10	1.0
87.0	90.0	3.0	0.006	0.09	0.08	1.0
90.0	93.0	3.0	0.002	0.08	0.22	1.8
93.0	96.0	3.0	0.003	0.16	0.14	2.5
96.0	99.0	3.0	0.002	0.08	0.26	1.5
99.0	102.0	3.0	0.002	0.07	0.14	1.0
102.0	105.0	3.0	0.002	0.10	0.10	0.5
105.0	108.0	3.0	0.004	0.11	0.12	1.5
108.0	111.0	3.0	0.002	0.09	0.14	1.0
111.0	114.0	3.0	0.002	0.12	0.26	1.0
114.0	117.0	3.0	0.001	0.11	0.28	1.0
117.0	120.0	3.0	0.002	0.10	0.12	0.5
120.0	123.0	3.0	0.001	0.09	0.12	0.5
123.0	126.0	3.0	0.001	0.07	0.12	0.5
126.0	129.0	3.0	0.002	0.09	0.14	1.0
129.0	132.0	3.0	0.002	0.14	0.10	1.5
132.0	135.0	3.0	0.004	0.11	0.08	1.0
135.0	138.0	3.0	0.002	0.08	0.22	0.5
138.0	144.0	6.0	0.001	0.14	0.14	1.8
144.0	147.0	3.0		0.11	0.04	1.0
150.0	153.0	3.0		0.04	0.04	0.5
156.0	159.0	3.0		0.01	0.01	0.5
162.0	165.0	3.0		0.01	0.01	0.5
168.0	171.0	3.0		0.01	0.01	0.5
174.0	177.5	3.5		0.02	0.14	1.0
<u>Average</u>						
69.0	147.0	78.0	0.003	0.10	0.15	1.2

APPENDIX C

COST STATEMENT

PEARSON OPTION
DIAMOND DRILLING
14 NOVEMBER 79 - 17 DECEMBER 79

SALARY AND WAGES

2 men, 15 Nov - 17 Dec 64 man days @ \$55 \$ 3,520

BENEFITS @ 20% of salaries & wages 704

RIOCANEX EQUIPMENT

64 man days @ \$3 192

RENTAL EQUIPMENT

Chain-saw rentals Gen. McCulloch 1250,
32 days @ \$5 \$ 160
Traeger SSB50C radio, 32 days @ \$6 192
Bowmac GMC 2x4 PU, 4-6 Dec @ \$25 75 427

DIAMOND DRILLING

Drilcor Industries Ltd. 40,318

SUPPLIES

228

ASSAYS

Chemex, 6 for Cu, Ag @ \$11 \$ 66
Bondar-Clegg, 4 for Au, Ag, Cu @ \$13.50 54
Rosbacher Lab, 82 for Au, Ag, Cu
@ \$12.50 1025 1,145

FIXED WING

Knight Air Ltd., 11-12 Dec \$4506
Smithers Air Svc, 14 Nov - 6 Dec,
DHC 2, Beaver, Otter 9234 13,740

HELICOPTER

Okanagan, 8 Oct - 29 Dec, B206 51.1 hrs
@ \$351 17,927

REPORT PREPARATION

933

\$79,134

APPENDIX D

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

L. HAYNES

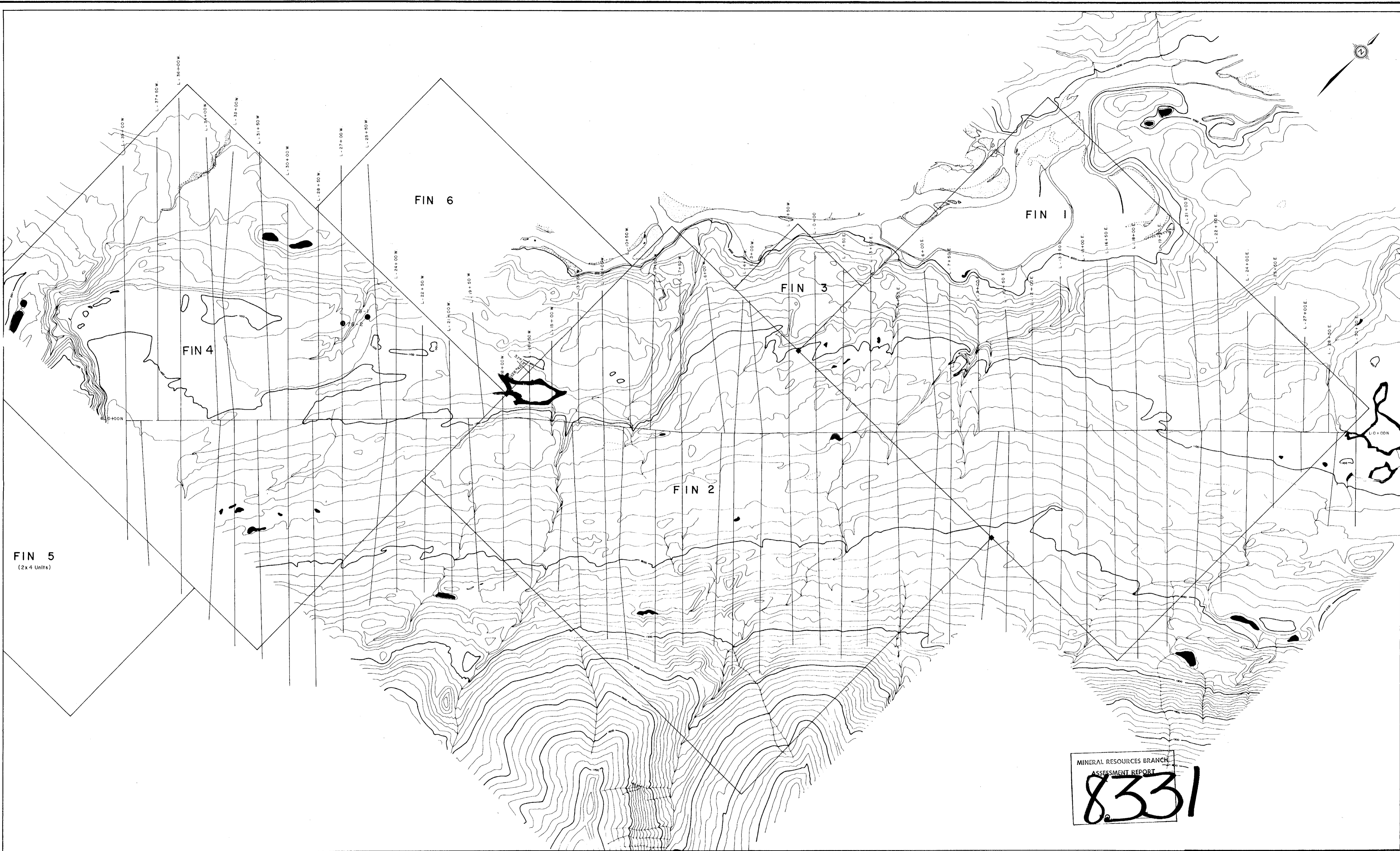
ACADEMIC

1972	B.Sc. Geology	University of British Columbia
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PRACTICAL

1972-1980	Rio Tinto Canadian Exploration Ltd. Vancouver, B.C.	Geologist involved in all aspects of mineral exploration in B.C., Yukon and N.W.T. Emphasis has been on the geological and geochemical appraisal of porphyry prospects at both regional and property levels.
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1969-1972 (summers)	Rio Tinto Canadian Exploration Ltd. Vancouver, B.C.	Student assistant on regional and property geochemical surveys of porphyry copper prospects in South-Central B.C.
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FIN 5
(2 x 4 Units)

FIN 4

FIN 6

FIN 2

FIN 3

FIN 1

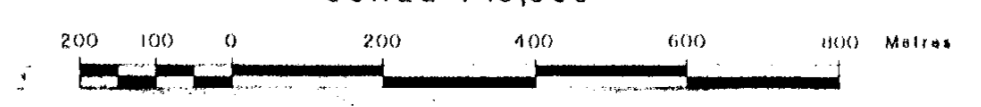
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8331

LEGEND

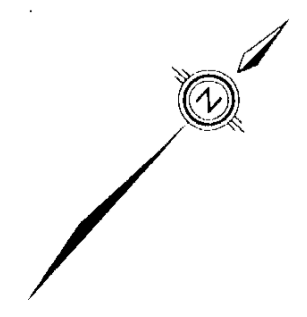
- ... Legal Corner Post
- All Claim Posts Established by Pace and Compass Survey
- ... Diamond Drill Hole

N.T.S. 94 E / 2

SCALE 1:10,000



RIO TINTO CANADIAN EXPLORATION LIMITED		
PEARSON OPTION		
CLAIM & DIAMOND DRILL HOLE		
LOCATION MAP		
SEPT. 1980	L.R.H. / y.m.	DWG L- 7566

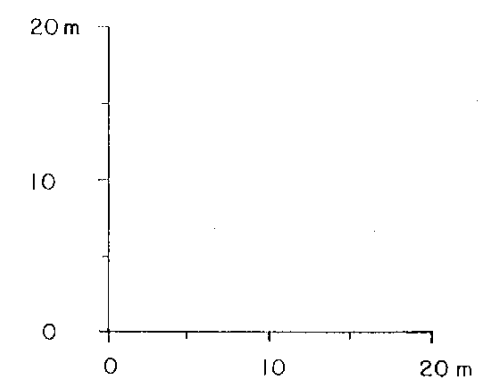


DDH 79-2

	Ag g/t	Au g/t	Cu%
0	1.5	0.10	0.03
10m	0.5	0.08	0.03
20	0.5	0.02	0.01
30	0.5	0.10	0.02
40	0.5	0.08	0.04
50	0.5	0.01	0.03
60	0.5	0.08	0.06
70	0.5	0.14	0.03
80	1.5	0.08	0.04
90	0.5	0.08	0.02
100	1.0	0.14	0.06
110	1.5	0.30	0.10
120	1.5	0.30	0.10
130	1.0	0.20	0.09
140	1.5	0.12	0.09
150	1.0	0.12	0.11
160	1.0	0.10	0.10
170	1.0	0.08	0.09
180	1.8	0.22	0.08
190	2.5	0.14	0.16
200	1.5	0.26	0.08
210	1.0	0.14	0.07
220	0.5	0.10	0.10
230	1.5	0.12	0.11
240	1.0	0.14	0.09
250	1.0	0.26	0.12
260	1.0	0.28	0.11
270	0.5	0.12	0.10
280	0.5	0.12	0.09
290	0.5	0.12	0.07
300	1.0	0.14	0.09
310	1.5	0.10	0.14
320	1.0	0.08	0.11
330	0.5	0.22	0.08
340	1.8	0.14	0.14
350	1.0	0.04	0.11
360	0.5	0.04	0.04
370	0.5	0.01	0.01
380	0.5	0.01	0.01
390	0.5	0.01	0.01
400	1.0	0.14	0.02

DDH 79-1

	Ag g/t	Au g/t	Cu%
0	3.43	0.55	0.13
10m	3.43	0.62	0.18
20	3.77	0.27	0.20
30	3.09	0.55	0.22
40	5.14	0.69	0.38
50	6.86	1.13	0.41
60	6.17	1.20	0.40
70	4.46	0.69	0.32
80	3.43	0.62	0.25
90	4.11	0.72	0.29
100	2.74	0.89	0.25
110	3.09	0.75	0.27
120	3.09	0.69	0.22
130	3.77	0.58	0.26
140	3.09	0.27	0.21
150	5.14	0.41	0.36
160			
170			
180			
190			
200			
210			
220	1.71	0.21	0.09
230	4.46	0.86	0.49
240	3.09	0.38	0.30
250	2.40	0.45	0.25
260	2.40	0.48	0.29
270	3.09	0.55	0.32
280	2.04	0.69	0.32
290	3.43	1.13	0.41
300	3.09	0.93	0.36



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8331
NO.

NTS 94E/2
Scale 1:500

RIO TINTO CANADIAN EXPLORATION LTD.		
PEARSON OPTION		
ASSAY RESULTS		
DDH 79-1, 79-2		
DATE	DRAWN BY	DWG.
SEPT. 1980	LRH	D - 7567