BRALCO OPTION

1978 PROGRAMME OF TRENCHING & DRILLING 178. #5/8-# 1/06
Cariboo Mining Division

NTS 93 A 14

53°54' N 121°19' W

R.V. Longe Jan. 1979

Work performed on

Lot No.	Name		Record No.		<u>Owner</u>
3511 3513 3514 3510	Surprise 4 Surprise 1 Surprise 3 Surprise 2] -	577 578	J.	& M. Hajek "

Operator: Rio Tinto Canadian Exploration Ltd.

7106 2 of 2 Bralco Option
Cariboo Mining Division
N.T.S. 93 A 14

SUMMARY

Nineteen reverted crown grants belonging to J. and M. Hajek were optioned by Riocanex and incorporated into its Cunningham Creek project for 1978.

270 metres of backhoe trench, dug to explore for massive sphalerite found at the collar of an old shaft, exposed two metres of sphalerite in limestone. Two holes totalling 192.3 metres, drilled to test continuity of sulphides down dip and on strike, did not intersect significant mineralization.

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2	Claim Map 1:50,000	·
3	Trench Plan, Profile, Geochemistry, DDH	G/GC-8646
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1. INTRODUCTION

During 1976 and 1977 Riocanex explored occurrences of lead and zinc in shales and limestones in the vicinity of Cunningham Creek on a group of staked and optioned claims referred to as the "Cunningham Creek claims". Because they include a significant zinc showing in association with geochemical anomalies for both lead and zinc in soils, 19 reverted crown grants belonging to J. and M. Hajek were optioned and incorporated, as the "Bralco Option", into the Cunningham Creek claims.

Sphalerite is found in spoil from an abandoned shaft near the boundary between reverted crown grants L3510 and L3513. Trenching exposed about two metres of sphalerite-bearing limestone near to the shaft. Two holes were then drilled to test the down dip and on strike continuity of this sulphide bearing bed. The drilling did not intersect significant sulphides. It was concluded that lithologic continuity was absent and that no further testing of this target was warranted.

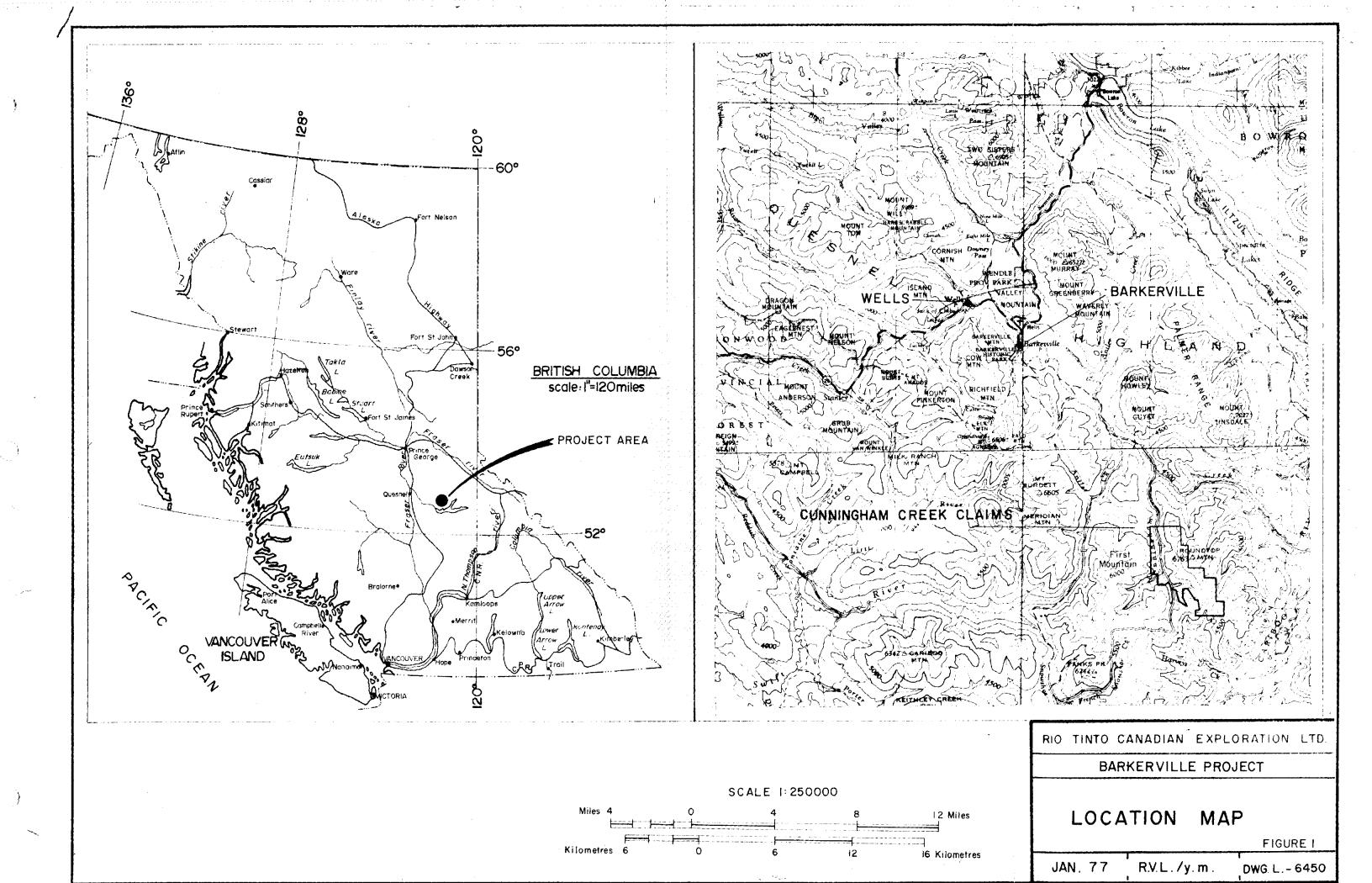
This assessment report has been written to meet an early due date on one of the optioned Bralco claims. The information contained incorporates information from a report by G.D. Hodgson, covering all the Cunningham Creek claims, due to be submitted in February.

2. LOCATION and ACCESS

The Cunningham Creek claims lie in central British Columbia, 80 km east of Quesnel, 150 km southeast of Prince George and 26 km southeast of Wells, (Figure 1). Access to Wells, and the restored village of Barkerville 10 km to the south, is by paved road from Quesnel. Barkerville and Roundtop Mountain are connected by a logging road and an old mining road which, when dry can be used by pickup trucks. Light planes can land on an airstrip between Wells and Barkerville. Helicopters can land in natural and artificial clearings on the claims. The Bralco crown grants lie at the South end of the Cunningham Creek claims.

NTS:

93 A 14

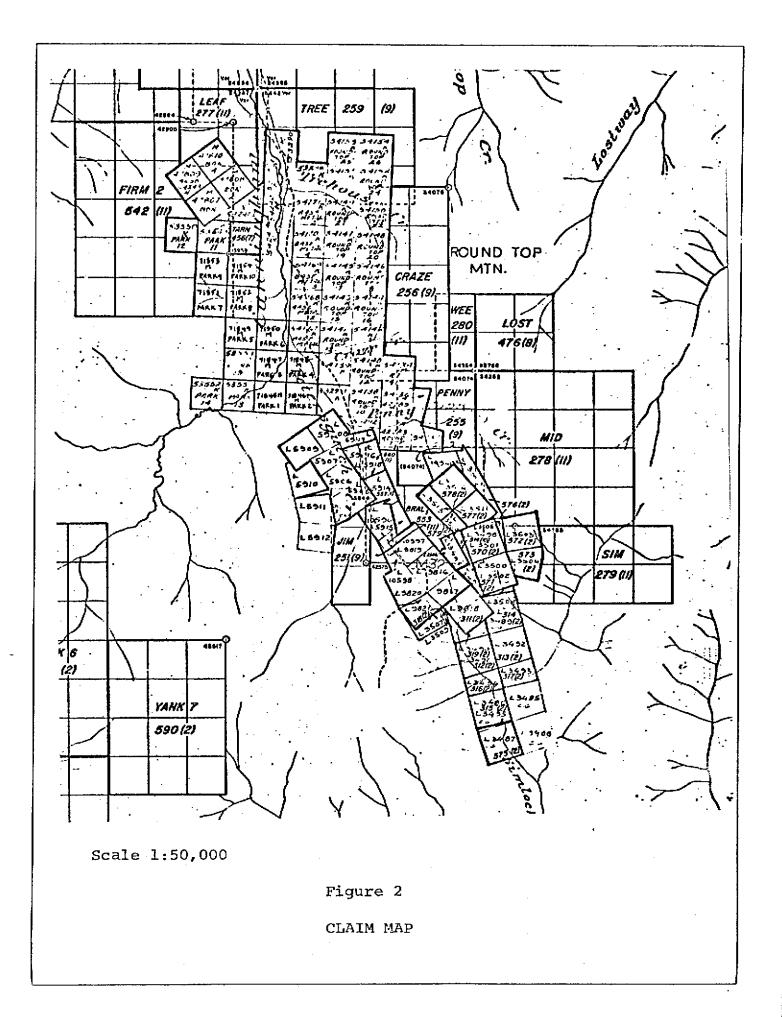


290 m of trenching and 193.2 m of drilling were carried out on the following four reverted crown grants.

L3511	Surprise 4	577
L3513	Surprise 1	3//
L3514	Surprise 3	£20
L3510	Surprise 2	578

The 19 crown grants belonging to J. and M. Hajek optioned as part of the Bralco option are listed below.

ı	GROUP 7808	Y OM DTO	BECORD NO
	<u>NAME</u>	LOT NO.	RECORD NO.
1	Fourth of July	19818	311
2	International 3	L3491	312
3	International 4	L3492	313
4	International 1	L3489	314
5	International 6	L3486	315
6	Dawn 2 Fr	L3494	316
7	Dawn Fr	L3493	317
8	Federal Fr	L3509	318
٥	Federal I	L3507 ~ ∫	318
9	International 2	L3490	319
	Peerless 3	L3499	
10	Hub Fr	L3500	514
TO	Hub 2 Fr	L3498	514
	Peerless 4 Fr	L3508	•
11	Sedan	L3501	570
12	Peerless 2	L3502	571
13	Sedan 1	L3503	572
14	Peerless l	L3504	573
15	International 7	L3487	fac
TO	l International Fr	L3495	575
	Surprise 6	L1094 0	
16	Surprise 7 Fr	L3512 }	576
-	Sedan 4 Fr	L3505	•
17	Surprise 4	L3511	577
T. /	Surprise l	L3513 }	377
18	Surprise 3	L3514)	578
TO	Surprise 2	L3510 J	210
19	Sedan 3	ե3497 Լ	579
.L. /	Sedan 5 Fr	L3506 ∫	319



4. HISTORY AND PREVIOUS WORK

The area between Roundtop Mountain and First Mountain has been the scene of gold mining from placer operations since 1885. Gold mining from quartz veins began in 1922 in the vicinity of the Cariboo Hudson mine which adjoins the Bralco option to the southwest.

Previous exploration for base metals in the vicinity of the Bralco crown grants was by Coast Interior Ventures Ltd. between 1972 and 1974 and by Riocanex in 1978 and 1977. In addition J. Hajek, under contract to Kerr-Addison explored the area for large-tonnage gold deposits during 1974-5.

5. REGIONAL GEOLOGY

Two adjacent belts, one of black shales the other of phyllites and schists, trend NNW-SSE through Wells, Barkerville and Roundtop Mountain. These two formations have been mapped by Holland (1954), and by Sutherland Brown (1957, 1963), both of the B.C. Department of Mines, and more recently by Campbell, et al, (1973), of the Geological Survey of Canada in the course of a regional programme.

The Department of Mines refers to the black shale unit as the "Midas" Formation and to the overlying (supposedly younger) phyllites and schists as the "Snowshoe". Both are placed in the Paleozoic. To the G.S.C. both formations are Proterozoic and the black shale unit (termed "Isaac") is younger than the neighbouring ("Kaza") schists.

The Bralco showing, lies near the contact between rocks mapped as "Snowshoe" and those mapped as "Midas".

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The Bralco crown grants are underlain by dark grey to black graphitic shales, grey banded limestones and brown phyllites and siltstone. Massive sphalerite occurs in rock debris next to the shaft. Two grab samples taken in 1976 averaged 5.3% Pb; 15% Zn; 0.9 oz/ton Ag. Host to mineralization appeared to be one of several steeply dipping dark grey to black limestone units striking SSE in a zone about 100 m wide. The limestones are interbanded with black graphitic shales. A soil geochemical anomaly in both Pb and Zn parallels the strike of the local rocks.

7. WORK PERFORMED IN 1978

In 1978 a 255 m long trench was excavated across the anomaly and a 15 m trench dug along the strike of the mineralized carbonate unit. Samples were taken at 5 m intervals along the length of the trench. Two holes totalling 192.3 m were drilled to explore the mineralization at depth. Sixteen core samples were analysed for gold. DWG. 8646 includes trench plan and profile showing results of drilling and geochemistry.

8. PERSONS EMPLOYED

The trenches were dug with a skidder-mounted backhoe belonging to J. Hidber of Telkwa B.C. and the holes drilled by W. Magnussen of Wells B.C., both under contract to Riocanex.

The trenches were logged by K. Lim. G.D. Hodgson supervised the work and logged the drill core.

The programme was carried out under the overall supervision of the writer.

9. TRENCHING

Light grey-green and brown chlorite-sericite phyllites and siltstones were exposed in the eastern half of the trench. In the western half dark grey to black laminated limestones are subordinate to black graphitic shales. Irregular pods of massive fine-grained sphalerite and galena are hosted by a grey limestone. The limestone is silicified in part and has associated quartz veining.

Trench sampling indicated the presence of mineralization - one sample adjacent to the old shaft ran 12,700 ppm Zn and 20,800 ppm Pb. Elsewhere, another sample returned 1700 ppm Pb but with negligible Zn.

For results of geochemistry and drilling see Figure 3.

10. DRILL PROGRAMME

The two holes confirmed the continuation of silicified limestone to dip steeply eastwards, but the unit was barren of mineralization in both holes. DDH 78-9, collared south of the trench, intersected less limestone and less silicified rock. None of the core samples returned more than 30 ppb Au.

11. CONCLUSIONS

Lithologic units have little continuity along strike or down dip. Mineralization is patchy.

DV. Luga

R.V. Longe January 1979

APPENDIX 1
DRILL LOGS

RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRILL RECORD

HOLE NO : 78-8

WIMUTH: N 235° E

BRALCO BARKERVILLE

LOCATION :

PROPERTY: HAJEK OPTION: CUNNINGHAM CREEK

PROPERTY : HASEN OPTION: CONNINGHAM CRE

LENGTH: 96.9 m :~1800 m Claim No.: L 3513 (Crown Grant) -45° ELEVATION DIP : STARTED : CORE SIZE : BQ DATE LOGGED : 10/10/78 SECTION : COMPLETED: 2 October 1978 DIP TESTS : LOGGED BY : G.D. HODGSON PURPOSE: TO TEST CONTINUATION OF SURFACE MINERALIZATION AT DEPTH. CONTRACTOR: EAGLE DRILLING LTD.

Me t	res	DESCRIPTION	SAMPLE N9	Met from	res	LENGTH					
Wolf	10		Mā	Trom	to						
0	4.3	Casing.			-			 			
											
4.3	7.0	Brown weathering ankerite-talc phyllite; brown weathered ankerite specks; blocky									
		core.					_				
7.0	7.3	As above, but siliceous; pyritic - pyrite cubes up to 5mm. across.									
		capes up to shin. across.									
7.3	21.6	Pale green grey ankerite talc phyllite,									
		rare chlorite laminations; local quartz veins and short silicified sections up	7846001	10.4				,			
		to 10 cm. across; e.g. at 9.4m; dis- seminated pyrite throughout but concen-	7846002	17.7							
		trated in silica-rich sections; rare									
		calcite with quartz veins.		-	1	-					
21.6	22.4	Variable white, grey and tan-coloured									
		quartzose rock; different colours =	7846003	22.0	ļ	-		 	<u> </u>	-	
		different ages of quartz?; abundant disseminated pyrite, cubes locally 5mm.				-				-	
		across; minor green fuchsite; latest (white) quartz slightly vuggy.									

RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRILL RECORD

HOLE NO: 78-8

											2	
Metres	10	DESCRIPTION	SAMPLE Ng	Me t	res	LENGTH						
22 4 40	, 1	Blocks gove was now was dayle										
22.4 40).1	Blocky core, very poor recovery; dark									 	<u> </u>
		grey graphitic shales, locally siliceous	<u>; </u>						· · · · · · · · · · · · · · · · · · ·		ļ!	
		minor pyrite.										
40.1 48	8.2	Pale olive-green coloured talc phyllite,		<u> </u>			<u>. </u>					
		siliceous laminations; minor dissemin-										
		ated pyrite; dark green ?fuchsite,]	
		?mariposite 46.6-48.2m.						-				
43.2 51	1.1	Cream and grey silicified limestone;					· · · · · · · · · · · · · · · · · · ·					
		vague nebulous texture throughout,	7846004	50.5							!	
		<pre>locally = brecciated - probably tectonic</pre>	•		j							
51.1 53	3.3	Dark grey to black limestone; irregular	7846005	52.0								
		white calcite veining; 52.7-53.3m										
		siliceous.										
			-							,		
53.3 54	4.7	Green and white siliceous rock with much										
		green ?fuchsite, ?mariposite; minor	7846006	54.3								
		pyrite throughout; contorted foliation;										\vdash
		rock appears to have undergone altera-										
		tion.										\top
									1		1	1
54.7 58	8.5	Grey laminated quartz-talc rock, minor										П
		ankerite, minor fine grained disseminate	d		•							Π
		pyrite; foliation 800 to core axis;		Ī								T
		57.6-58.5m - tectonic breccia.								-		
									1			1
3.5 59	9.5	Black cherty graphitic shales; small										
		scale fold closures.		7								\top
									1			1
59.5 6	3.4	Black limestone; white calcite lamina-						1				
		tions.		1	1	1						1
	,		İ	 	 			-		 	1	1

RIO TINTO CANADIAN EXPLORATION LIMITED DIAMOND DRILL RECORD

HOLE No: 78-8

									1		3	
	res		SAMPLE	Meti	res			T				
from	to	DESCRIPTION	Νō	from	to	LENGTH						
63.4	75 0	Black graphitic shales locally siliceous;									ļ	-
03.4	/3.3	very blocky core, dismal recovery, much	7846007	75.5				 		 	-	
		sand.	7646007	/5.5	ļ	-	· · · · · · · · · · · · · · · · · · ·	- 		<u> </u>		
		saiu.	 					-			 	
75.9	77.7	Dark grey banded limestone.										
77.7	80.8	Light grey and olive-green silicified	<u> </u>					-				
		argillite, contorted foliation, numerous	7846008	78.6								
		small-scale fold closures.	704000	7010								
			.		ļ. <u> </u>		······································				ļ	
80.8	94.8		 									<u> </u>
		sections; local white limy sections e.g.	7846009	93.2			· · · · · · · · · · · · · · · · · · ·			ļ	,	
·····		88.1-90.8m; minor disseminated pyrite;										
		foliation 700 to core axis; less	1									·
		siliceous below ~90m - more graphitic.	 						·		 	
94.8	96.9	Pale grey-green ankerite-talc phyllite;	-	-	 						 	
		siliceous; grey graphitic sections.										
		96.9m. END OF HOLE										-
		96.9m. END OF HODE	- 		- · · · · · · · · · · · · · · · · · ·				,	 	+	+
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RIO TINTO CANADIAN EXPLORATION LIMITED

DIAMOND DRUL RECORD

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RUNS AND SHORTS

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F00	TAGE	TENCHU DESCRIPTION	SAMPLE	F001	AGE	LENGTH -	•	*	†	1
from	to	LENGTH	Νō	from	to			I.		
0	14'	Casing		188	193	3.5		Ì	\	
14	18	2.0		193	198	4.5				
18	23	0.25		198	203	2.0				
23	27	1.5		203	208	0.5				
27	33	5.0		208	213	1.5				
33	38	5.0		213	218	1.0				
38	43	4.5		218	223	1.5			-	
43	48	5.0		223	228	0.0				
48	53	5.0		228	233	0.5				
53	58	5.0		233	238	0.5				
58	63	5.0		238	240	0.0				
63	68	4.0		240	243	3.0				
68	73	5.0		243	248	3.5				
73	78	3.0		248	253	2.5				
78	83	0.0		253	258	5.0				
83	88	0.5		258	263	5.0				
88	93	0.0		263	268	4.5				
93	103	0.0		268	272	4.0	ļ			
103	108	0.0		272	277	3.5				
108	113	0.0		277	279	1.5				
113	118	0.5		279	283	2.0				<u> </u>
118	123	0.5		283	287	3.0				
123	128	2.5		287	290	1.0				
128	133	2.5		290	293	2.0				
133	138	1.0		293	297	2.5				
138	143	2.0		297	303	2.5				1
143	148	2.0		303	307	2.5	!			
148	153	1.5		307	311	1.0				
153	158	2.0		311	314	2.5				
L_158	163	5.0		314	318	3.5				
163	168	5.0				164.75				
168	173	5.0								1
173	178	5.0		RECO	VERY =	54.28				1
178	183	4.5			1					1
183	188	4.5								
	1									

RIO TINTO CANADIAN EXPLORATION LIMITED

LOCATION : BRALCO SHOWING: BARKERVILLE

DIAMOND DRILL RECORD

HOLE NO :78-9

MIMUTH: N 235° E

PROPERTY : HAJEK OPTION: CUNNINGHAM CREEK

-45° DIP :

LENGTH: 95.4 m

1800 m ELEVATION

Claim No.:

SECTION :

L 3510 (Crown Grant)

STARTED :

PURPOSE :

3 October 1978

CORE SIZE : BQ

DATE LOGGED : 11/10/78

G.D. HODGSON

COMPLETED: 10 October 1978

DIP TESTS :

TO TEST CONTINUATION OF SURFACE MINERALIZATION AT DEPTH.

LOGGED BY :

CONTRACTOR: EAGLE DRILLING LTD.

	tres	DESCRIPTION	SAMPLE	Met	res	. = 1.000				
from	to	DESCRIPTION	Νō	from	to	LENGTH				
0	6.1	Casing.						_		
6.1	20.9	Pale green grey ankerite-talc(-chlorite)	7846016	14.7						
		phyllite; local -rown sections due to	7846015	20.8						
		ankerite weathering; minor disseminated								
		pyrite; siliceous zones 9.1-11.9m. and								
		20.6-20.9m; foliation 60° to core axis.								
20.9	34.4	Dark grey siliceous graphitic shales;	,							
20.5	73.3	quartz stringers; white quartz veins at			<u> </u>					
ļ <u>-</u>	 	25.9, 26.5, 26.8 and 32.6m; silicified		,			 			
<u> </u>		limestone at 25.9 and 27.7m; disseminate	a		 	- -		 		
		pyrite throughout, local massive pyrite					 	 		
		e.g. at 29.6m = 4cm. cube; associated								
 		chlorite.								
34.4	38.7	Olive-green and grey siliceous argillite;	7846014	35.9	<u> </u>					
		local nebulous white quartz patches;					 		 	
		emerald green ?fuchsite, ?mariposite			 		· · · · · · · · · · · · · · · · · · ·			
		toward base of section.								
38.7	40.2	Black graphitic shaly limestone - silicifie	<u></u>							
								- 		

RIO TINTO CANADIAN EXPLORATION LIMITED DIAMOND DRILL RECORD

HOLE Nº: 78-9
PAGE Nº:

Me t	res	DESCRIPTION	SAMPLE	Met	res	LENGTH						•
from	to	DESCRIPTION	Nº	from	to	LENGIN						
0.2	48.2	Pale green and grey talc phyllite with	7846013	43.6							,	
		quartz laminations; slightly limy;	70.00.0	_ 1010								
		minor disseminated pyrite; gradational										
		lower contact.					-					
48.2	90.8	Grey to black graphitic shales; locally	7846012									
<u> </u>		slightly limy; some small scale fold	7846011	80.5								ļ
	ļ	closures; foliation 900 to core axis;										-
		green alteration zone with thin grey										ļ
	<u> </u>	quartz stringers and ?fuchsite, ?mari-										
		posite from 50.0-50.6m; no core 55.5-				_						
	ļ	60.4m; green ?fuchsite 62.0-62.2m;							•			1
· · · · · · · · · · · · · · · · · · ·		grey silty tadfaltung common between			1	_						
·····	1	66.4-69.5m; green ?fuchsite and dis-										
	<u> </u>	seminated pyrite 74.2-74.7m; white				-	<u> </u>	ļ				
	 	quartz vein 76.5-76.7m; mud at 78.6m; white quartz at 86.3-87.8m (only 20cm.										
····		recovery); black limestone 87.8-89.3						 				
		(15 cm. recovery).			1	- 				·· · · · · · · · · · · · · · · · · · ·	 	
		(13 cm. 1000/cly).						 				
90.8	92.4	Light grey banded limestone.		-			······································		,	 		†
												
92.4	95.4	Pale green chlorite talc phyllite; some	7846010	93.9	İ							
		grey graphitic sections; rare grey										
		quartz laminations.	·									
		95.4m. END OF HOLE		,							1	
				,]]		<u> </u>	
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*****												<u> </u>
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RIO TINTO CANADIAN EXPLORATION LIMITED DIAMOND DRILL RECORD

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from	to		***	Saure !	.8.2	422796911				2/14	此种情格		屬
0	20'	Casing 2.5' 5.0		章 查查斯 · · · · · · · · · · · · · · · · · · ·	HE WAS IN	斯尔哈拉斯斯	· 电电路 (1) 电电路	inar francisco		次公司的特殊人员		KIN ZIR	1
20	23	2.5			4 × 2	1	THE STREET STREET	and the second		a di la		THE	112
23	2.8	5.0		1	***	1	n manifestation in the second	The state of the s	on or many out	Control of the second	Transfer of the	A 11 P - 12 P 12 P	* 2
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38	43	4.0	ranas Parrantatur Libra artistantura	209		3.0	a a company dia parameter c	and the contract of the	l l ∰istromatic	and comments and the		es va describer de magnetic j	; •
43	48	5.0	man in the company of the proper productions of the	-1213	218	4.0	-	when it is some a com-	. 🌡 er Jerustan i Kraing ruggay i	-		م وده دانس یو و موی ب <u>شه</u> روردانش	ķ
48	53_	5.0		218	223	5.0				-		· · · · · · · · · · · · · · · · · · ·	1
5.3	58_	5.0		223	228	4.5						·	4
58	63	4.5		228	233	4.0					-	 	4
63	68	4.0		233	238	3.5	- 	 		_		-	-
68	73	2.0		238	243	4.5		-					\dashv
73	78	0.0		243	253	4.5	- 				-		-
<u>78</u>	83_	0.0		253	258	1.0				-	- 		\dashv
83	88	4.0		258	263	4.0						+	
88	93_	1.5		263	268	5.0		<u> </u>		- 		- 	\dashv
93	98		_	268	273	5.0						 	\dashv
98	103	0.5		273	278	3.0		- 		-		 	\dashv
103	108	0.5		278	283	2.5	<u> </u>					· · · · · · · · ·	\dashv
113	118	3.5		283	288	0.7	- ·			_		 	
118	123	4.5		288	293	0.5							\dashv
	128	2.5		293	298	1.5						 	\neg
1,23	133	2.0		298	303	1.0				_		 -	ᅱ
128	138	2.0		303	308	4.5							一
138	143	2.5		308	313	4.5	 		- 	_		<u> </u>	ヿ
1.43	148	5.0	_	+	 	178.2		- 				1	\dashv
1.48	153	5.0			 								ᅦ
		4.5			RECO	VERY	_						\neg
1.53 1.58	158 163	4.5		1	78.2			_					
	168	4.5			293	= 60.	8						
163 168	173	1.0			7~~								
				<u> </u>	1	 -			 -	·			
173	180	1.5			<u> </u>	, 							\neg
1.80 1.82	182 185	0.5		+		- 						1	
1 J.OZ	1 165	1 U • U					'						-

APPENDIX 2

ANALYSIS REPORT



BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE; 985-0681 TELEX; 04-54554

Geochemical Lab Report

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DEC TO E:1900 Fire Assay & Hot Aqua Regia Report No. 28 - 1765 Method Atomic Absorption From Rio Tinto Canadian Explorations Fraction Used _____ Date November 30 19 78 HAqq SAMPLE NO. REMARKS < 5 < 5 < 5 < 5

APPENDIX 3
COST STATEMENT

COST STATEMENT

B.C. BRALCO OPTION

DIAMOND DRILLING & TRENCHING 9 JULY through 13 OCTOBER 1978

DIAMOND DRILLING

SALARIES & WAGES		
1 man, 15 Aug-13 Oct, 60 days @ \$62.50/day Employee benefits @ 25% of above	\$3,750.00 937.50	
RIOCANEX EQUIPMENT		
60 days @ \$3.00/day	180.00	
FIELD TRANSPORTATION		
Bombardier, 24 Jul-2 Sep, 41 days @ \$52.50/day/5* Redhawk 4WD PU, 15 Aug-13 Oct,60 days @ \$25/day/5 Damage repairs, \$12,402/5	430.50 300.00 2,480.40	
FOOD & ACCOMMODATION		
1 man, 60 days @ \$13/day	780.00	
DIAMOND DRILLING		
15 Aug-12 Oct, DDH 78-8/9, 192.3M @ \$58.03/M	11,159.16	
SUPPLIES		
60 days @ \$16.03/day/5	192.36	
FUEL	·	
60 days @ \$5.48/day/5	65.76	
REPORT PREPARATION		•
\$755/2	377.50	

Cont'd...P.2

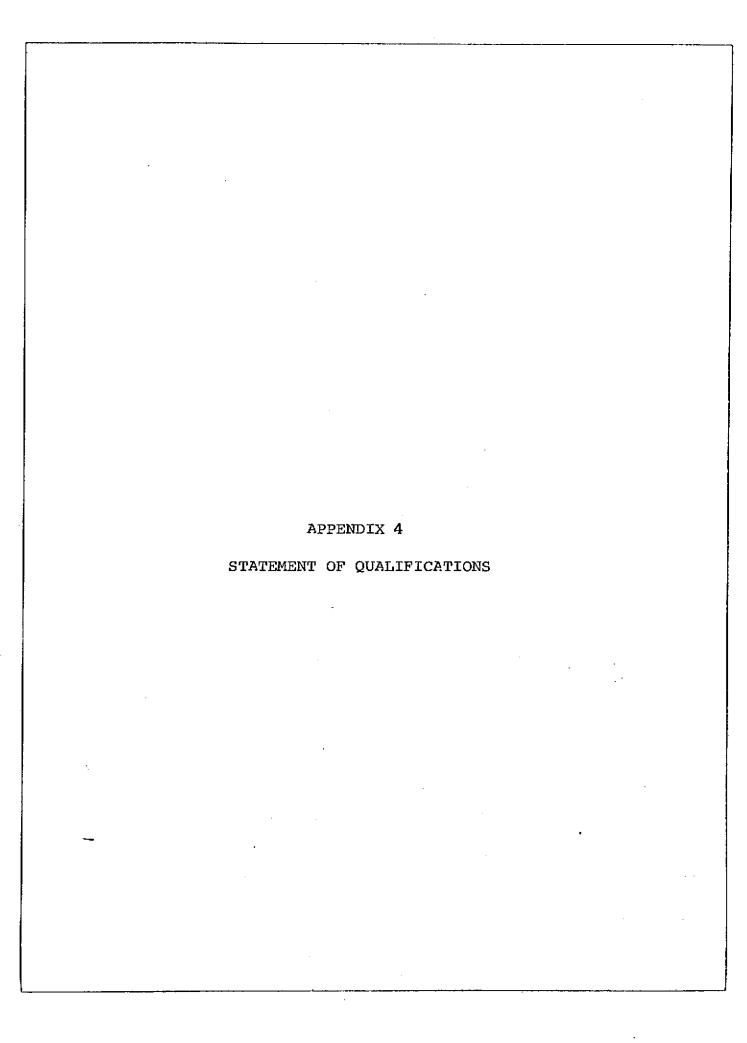
\$20,653.18

DIAMOND DRILLING TOTAL

TRENCHING

SALARIES & WAGES	
l man, 10-16 Jul, 7 days @ \$48.46/day Employee benefits @ 25% of above	\$ 339.22 84.81
RIOCANEX EQUIPMENT	
7 days @ \$3.00/day	21.00
FIELD TRANSPORTATION	
Redhawk 4WD PU, 10-16 Jul, 7 days @ \$25/day/5	35.00
FOOD & ACCOMMODATION	
l man, 7 days @ \$13/day	91.00
SUPPLIES	
7 days @ \$16.03/day	112.21
TRENCHING	
John Deere 540, 10-16 Jul, 270M @ \$4.59/M	1,238.76
FUEL	
7 days @ \$5.48/day/5	7.67
REPORT PREPARATION	
%755/2	377.50
TRENCHING TOTAL	\$ 2,307.17
TOTAL DRILLING & TRENCHING	\$22,960.35

^{*}Apportioned between five concurrent field projects.



STATEMENT OF QUALIFICATIONS

R.V. Longe

ACADEMIC

1961 B.A. Natural Sciences Tripos, Cambridge University (Geological Sciences)

1965 M.Sc. Geology McGill University

PRACTICAL

1969 -present Rio Tinto Canadian Exploration Ltd. Vancouver, B.C. Geologist involved in various aspects of mineral exploration in B.C., Yukon, and Alaska.

1967 (summer) Amax Exploration
Geological mapping of
Guichon Batholith, B.C.

1965 - 1966 Selco Exploration Limited,
(summers) Geological Mapping of Archean
Greenstone belt south of
James Bay, Ontario

1964 West African Selection Trust
Diamond exploration in
Ivory Coast and Mali,
West Africa.

1962 - 1963 Consolidated African Selection Trust Ltd., Mine Geologist, Akwatia, Ghana

1961 Serra Leone Selection Trust Ltd.,
Geologist, reserve
development department
Yangema Mine, Sierra Leone

16. STATEMENT OF QUALIFICATIONS

G.D. Hodgson

Professional

P. Geol. Association of Professional

Engineers, Geologists & Geophysicists of Alberta

<u>Academic</u>

1972 BSc (Hons) Geology Exeter University, U.K.

1976 MSc Geology University of Alberta

Practical

1978 - present Riocanex, Ltd., Vancouver, B.C.

Geologist, party chief, mineral exploration,

trenching and diamond drill supervision,

central and northern B.C.

1977 (summer-fall) Riocanex, Ltd., Vancouver, B.C.

Party chief, mineral exploration, geological

mapping, trenching, diamond drill super-

vision, west coast and central B.C.

1977 (winter) Dept. of Geology, U of A, Edmonton, Alta.

Research Assistant - slope stability and

landslide studies.

1976 (summer) Cominco Ltd., Vancouver, B.C.

Party Chief: mineral exploration and

diamond drill supervision, southern B.C.

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1974-1975 Pine Point Mines, Ltd., N.W.T.

Mine geologist (exploration), diamond

drill supervision.

1973 (summer) Alberta Research Council, Edmonton, Alta.

Geological mapping, uraniferous metasedi-

ments and granites, NE corner of Alberta.

1972 (summer) Dept. of Geology, U of A, Edmonton, Alta.

Mapping and thesis data collection Giant

Mine, Yellowknife, N.W.T.

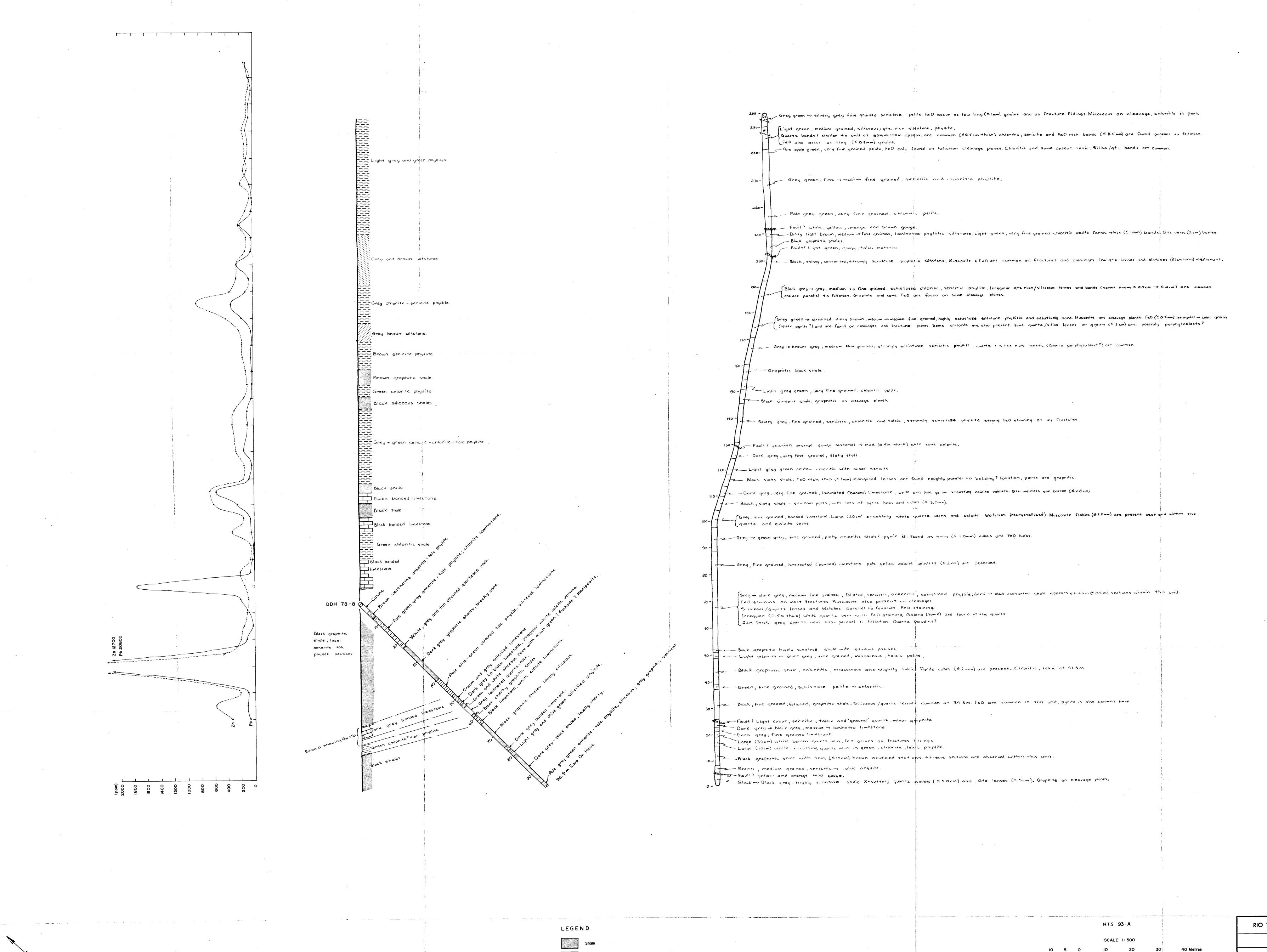
1970-71 (summers) Geological Survey of Greenland, Copenhagen,

Denmark. Geological mapping of East

Greenland Caledonides.

1969 (summer) British Schools Exploring Society,

London, U.K. Surveying, Nn. Newfoundland.



MINERAL RESOURCES BUA

RIO TINTO CANADIAN EXPLORATION LIMITED CUNNINGHAM CREEK CLAIMS BRALCO AREA

TRENCH PLAN, PROFILE, GEOCHEMISTRY, DDH NOV. 1978 DWG. G/GC-8646

