

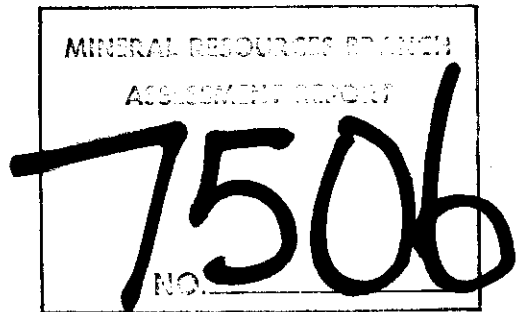
PIE CLAIMS

Omineca M.D.            N.T.S. 94F/6 & 7  
                              57°28'N            124°58'W  
G.D. Hodgson            September 1979  
R.L. Faulkner            '79-#425-#7506

Owner and Operator: Riocanex Ltd.

Work performed on following claims:

<u>Claim Name</u>	<u>Record Date</u>	<u>Expiry Date</u>
PIE 1 - 9	780725	790725
PIE 10 - 12	780915	790915
PIE 13 - 18	790813	800813



PJE CLAIMS

Omireca M.D.	N.T.S. 94F/6 & 7
57°28'N	124°58'W
G.D. Hodgson	September 1979
R.L. Faulkner	

SUMMARY

The property lies in the Rocky Mountains of northern British Columbia between the Kwadacha and Akie Rivers. Silurian siltstones have been thrust over Devonian limestone and Devono-Mississippian shales. The regional geology trends NW-SE. The claims cover a belt of shales geochemically anomalous with respect to lead and zinc.

Hand trenching in 1979 explored part of the shale-limestone contact where blocks of fine-grained massive galena are exposed as float. Bedrock was not reached but the galena appears to be derived from the base of the shale sequence nearby. The soil sampling programme confirmed that the shales along the contact with the underlying limestones are highly anomalous in lead and zinc along a strike length of over 4 km.

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GC-8685	Ppm Zn In Soil Samples	1:10,000	In Pocket

1. INTRODUCTION

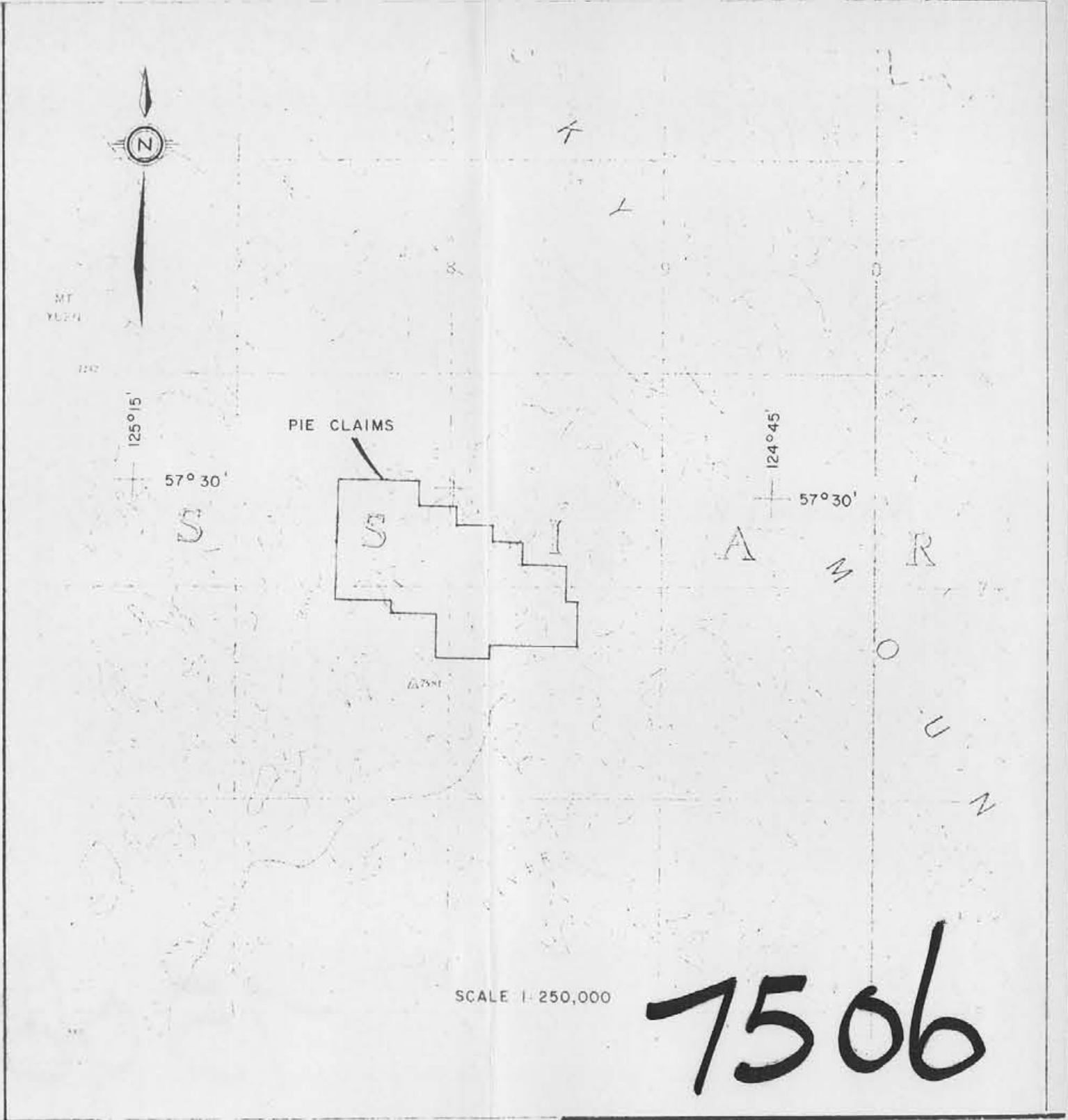
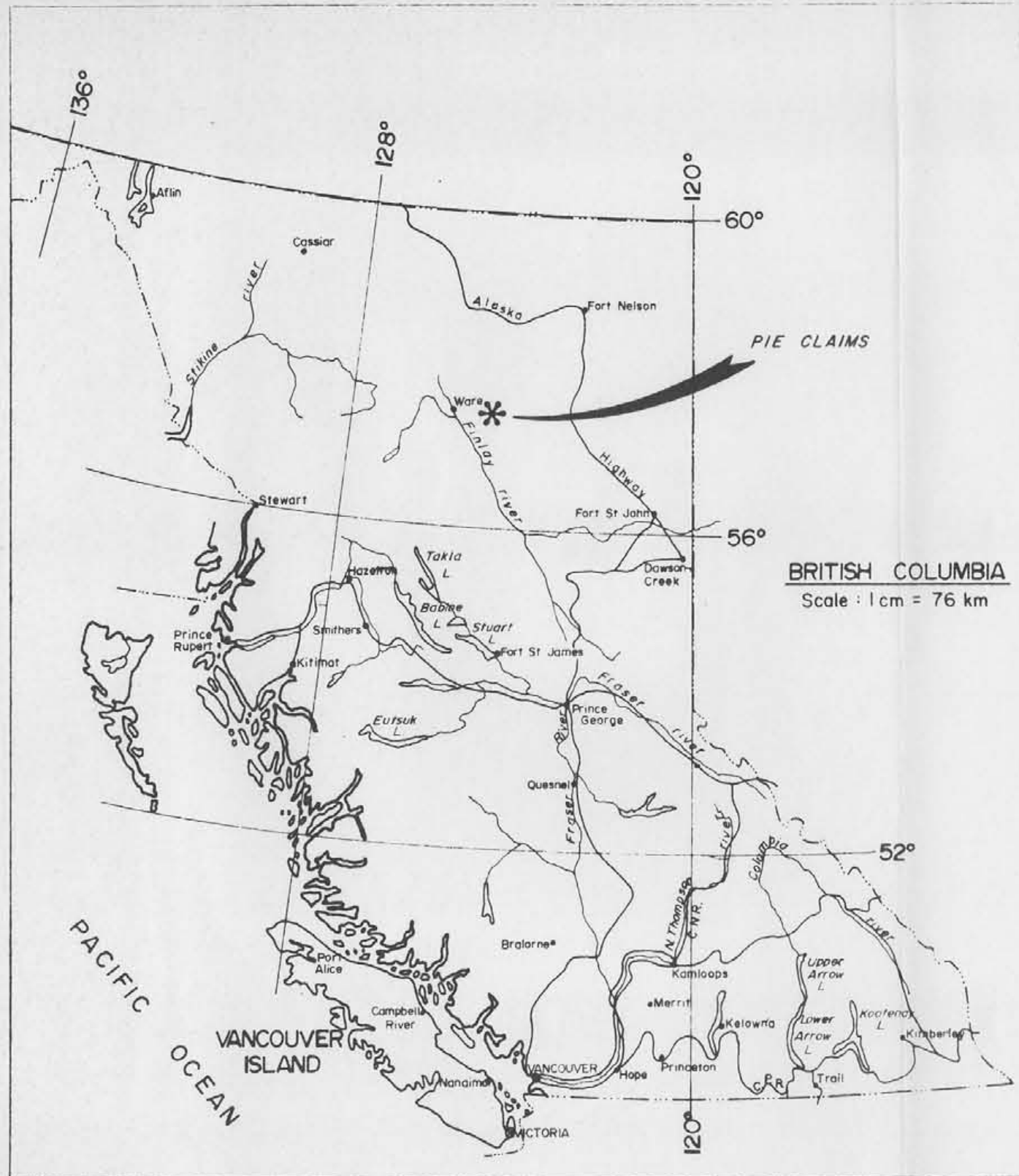
Devono-Mississippian black clastics in northeastern British Columbia, southern equivalents of similar shales in the Yukon Territory and District of Mackenzie, N.W.T., host important deposits of lead and zinc, e.g. the CIRQUE deposit. Within this band of black clastics, Riocanex staked the PIE claims in 1978 and added 90 units in 1979. The 1979 soil sampling programme outlined a belt highly anomalous with respect to lead and zinc.

2. LOCATION AND ACCESS

The PIE claims lie north of Williston Lake in northern British Columbia, approximately 300 km NW of Fort St. John, 200 km SW of Fort Nelson and 30 km east of the Indian settlement of Fort Ware. After spring breakup barges run from Mackenzie at the south end of Williston Lake to Deserters Canyon at the north end. Fort Ware and Ingenika have gravel air strips.

N.T.S. 94 F/6 and 7

Latitude:  $57^{\circ}28'N$  Longitude:  $124^{\circ}58'W$



N.T.S. 94-F/6,7

RIO TINTO CANADIAN EXPLORATION LTD.		
PIE CLAIMS		
LOCATION MAP		
SEPT. 79	G.H./y.m.	DWG. L 6567

### 3. TOPOGRAPHY AND VEGETATION

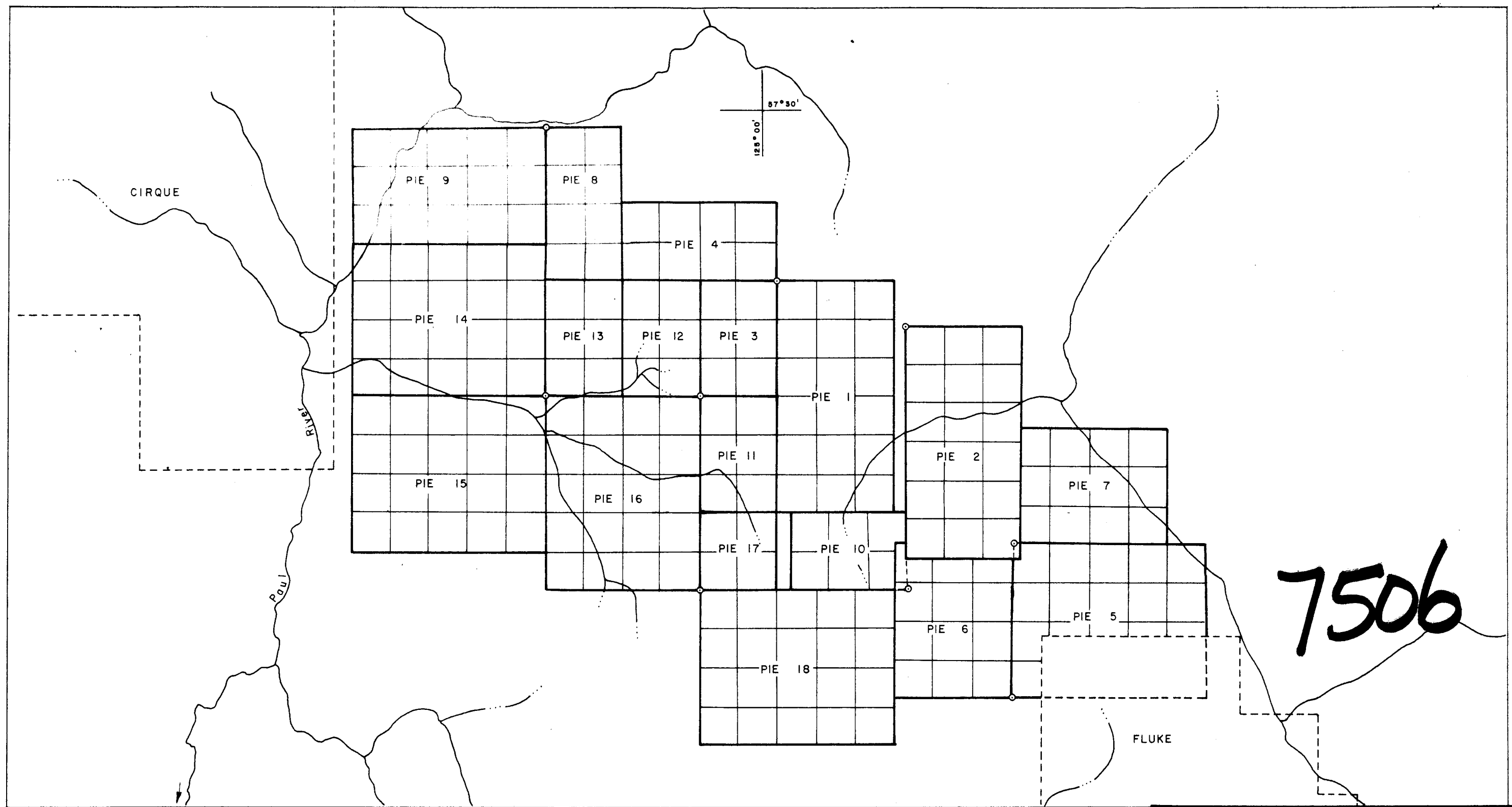
The area is mountainous. Elevations range between 1100 and 2300 m above sea level. Slopes are moderate to steep. Much of the claim block lies above tree line. Lower slopes are covered in dense scrub. Relatively open spruce forest occupies valley bottoms.

### 4. HISTORY AND PREVIOUS WORK

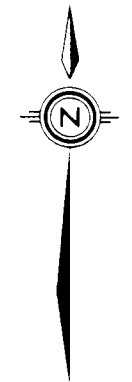
In 1977 Cyprus Anvil Mining Corp. and Hudson Bay Oil and Gas Ltd. staked the CIRQUE claims to cover sphalerite and galena-bearing barite in Devonian-Mississippian black clastics. In 1978 Riocanex stream silt sampling indicated that the mineralized black shales continued southwards and the PIE claims were staked to cover an area of anomalous values. The geology of the claims was mapped on a scale of 1:25,000 by C. Graf (1979).

### 5. WORK PERFORMED IN 1979

Several additional PIE claims were staked following detailed geological mapping. Soil sampling was undertaken to define diamond drill targets within the shales. One mineralized shale showing was trenched by hand.

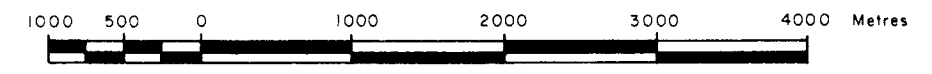


7506



N.T.S. 94 F 6, 7

SCALE 1:50,000



RIO TINTO CANADIAN EXPLORATION LTD.		
PIE CLAIMS		
CLAIM MAP		
S. G.	SEPT. 79	DWG. C-6568



## 6. PERSONS EMPLOYED

Field party chief G. Hodgson and geologist R. Faulkner supervised a soil sampling team of 4 - 6 persons, and were responsible for the geological mapping and prospecting. Viking Helicopters Ltd. and Northern Mountain Helicopters Ltd., under contract to Riocanex, supplied helicopter support.

The programme was carried out under the general supervision of R.V. Longe, Riocanex District Geologist, B.C.

## 7. REGIONAL GEOLOGY

Devono-Mississippian black clastics on the PIE claims are a continuation of those in the Selwyn Basin (Yukon Territory and District of Mackenzie, N.W.T.) and Gataga River area (northern B.C.) where shales host important deposits of lead and zinc. These shales comprise part of a Paleozoic succession of shales, siltstones, coarser clastics and carbonates that have been deformed by folding, faulting and thrusting. Tectonic elements trend NW-SE. Mapping has been by Gabrielse (1962, 1977), Taylor and Stott (1973), and Taylor (1979).

## 8. LOCAL GEOLOGY

The P/E claims are underlain by dark grey to black graphitic shales, cherty in part, siltstones and minor grit units thought to be of Devono-Mississippian age. Towards their base the shales are baritic. On the northeast side the shales overlie massive to thickly bedded fossiliferous, grey Devonian limestone that occurs as the core of a NW-SE trending anticline. A brownish weathering dolomitic siltstone of Silurian age has been thrust over the Devono-Mississippian shales from the southwest.

## 9. GEOCHEMISTRY

A soil sample grid was laid out to cover the Devono-Mississippian black clastics. Samples were taken at 40 m intervals on lines 200 m apart and analysed for Cu, Pb and Zn. Sample sites are plotted on DWG. GC-8683 and Pb and Zn results plotted on DWG's GC-8684 and GC-8685. The high lead and zinc values reflect the metalliferous nature of the shales and the presumed presence of mineralization near the contact with the underlying limestone. Graf (1979) suggested the high copper values are due to the proximity of thin volcanic units within nearby Road River rocks.

## 10. RESULTS

10.1 Sulphide-bearing shale fragments have been found in float above basal shales near the limestone-shale contact.

10.2 The shales display geologic features characteristic of important Ba-Pb-Zn deposits elsewhere. They are:

- i Graphitic shales.
- ii Siliceous shales with numerous chert bands.
- iii Baritic unit, occurring either as massive barite or as shale with nodules of barite.
- iv Lithologic variations within the overall shale unit suggesting irregularities in topography of the original basin floor, i.e. presence of sub-basins.
- v Nearby major limestone unit, regarded by some as a debris flow off a shelf and therefore indicative of instability and possibly marginal growth faults, and by others as reefal build-up along upfaulted blocks within a larger trough.

10.3 The soil sample results outline an anomaly spatially associated with mineralized float along the Devonian-Mississippian shale - Devonian limestone contact.

## 11. CONCLUSIONS

The PIE claims overlies metalliferous shales that have the potential for hosting major Ba-Pb-Zn mineralization. The basal shales comprise the most attractive target for drilling.

12. REFERENCES

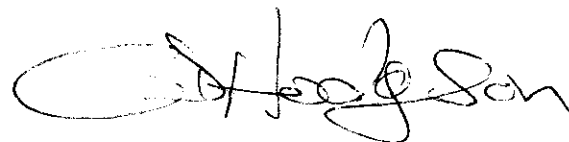
GABRIELSE, H., 1962: Geol. Surv. Can. Map 42-1962

GABRIELSE, H., 1977: Geol. Surv. Can. O.F. 483

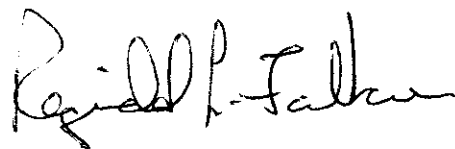
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Map Area, British Columbia. Geol. Surv. Can.,  
Mem. 373.



G.D. Hodgson



R.L. Faulkner

Vancouver Office

Appendix I

GEOCHEMICAL SAMPLE RESULTS

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn				COMMENTS
1	7900501	31	12	262				
2	502	35	11	286				
3	503	26	12	240				
4	504	23	12	330				
5	505	29	17	290				
6	506	29	15	228				
7	507	26	15	252				
8	513	50	17	432				
9	514	39	18	322				
10	515	36	20	196				
1	516	23	18	104				
<del>2</del>	<del>STD</del>	<del>15</del>	<del>27</del>	<del>760</del>				
3	517	13	17	84				
4	518	19	19	92				
5	519	22	17	82				
6	520	43	20	210				
7	521	24	17	103				
8	522	57	23	172				
9	523	116	20	154				
20	524	48	20	257				
1	525	34	26	122				
<del>2</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
3	526	33	22	110				
4	527	33	39	84				
5	528	52	27	254				
6	529	39	17	216				
7	530	65	26	270				
8	531	40	16	310				
9	532	44	21	550				
30	533	16	12	134				
1	534	27	17	273				
2	535	12	23	214				
3	536	20	24	253				
4	537	11	18	150				
5	538	12	25	154				
6	539	10	22	74				
7	540	13	27	73				
9	541	14	35	122				
9	542	11	20	73				
40	7900543	14	37	228				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
41	7900544	12	61	350				
2	546	18	126	262				
3	547	17	12	254				
4	548	32	11	264				
5	549	23	11	278				
6	550	26	12	333				
7	551	35	14	408				
8	552	38	15	432				
9	553	29	15	374				
50	554	27	16	332				
1	555	24	15	434				
2	558	43	21	472				
<del>3</del>	<del>559</del>	<del>57</del>	<del>370</del>	<del>384</del>				
4	559	55	32	334				
5	560	30	18	136				
6	561	41	21	178				
7	562	34	17	90				
8	563	16	11	28				
9	564	16	12	40				
60	565	41	19	192				
1	566	92	25	224				
2	568	55	22	86				
<del>3</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
4	570	70	23	206				
5	571	57	24	334				
6	572	26	25	58				
7	574	48	23	270				
8	575	42	16	196				
9	576	14	6	86				
70	578	13	9	72				
1	579	18	11	90				
2	580	14	22	233				
3	581	24	14	73				
4	582	1	10	56				
5	583	1	12	76				
6	584	13	21	136				
7	585	3	20	122				
8	586	14	32	141				
9	587	13	21	132				
80	7900588	17	40	266				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
41	7900 589	16	44	278				
2	591	42	92	660				
3	592	26	132	272				
4	593	27	11	262				
5	594	33	11	345				
6	595	46	12	350				
7	596	33	10	326				
8	597	42	13	640				
9	598	43	13	540				
90	599	35	13	530				
1	600	42	15	560				
2	601	23	11	352				
3	613	66	43	163				
4	<del>STD 3</del>	<del>39</del>	<del>4</del>	<del>53</del>				
5	614	67	24	200				
6	615	71	27	352				
7	616	24	12	150				
8	617	55	18	172				
9	618	30	12	123				
100	619	15	6	63				
1	620	13	19	72				
2	621	15	12	162				
3	622	4	1	22				
4	BLANK	ND	ND	ND				
5	623	20	10	223				
6	624	22	9	194				
7	625	23	11	250				
8	626	9	8	60				
9	627	5	7	56				
110	628	11	16	112				
1	629	7	13	85				
2	630	9	22	162				
3	631	26	48	430				
4	632	22	39	212				
5	633	21	71	204				
6	634	16	38	153				
7	636	55	92	1000				
8	638	13	112	333				
9	640	21	45	196				
120	7900 641	36	34	246				



RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
121	7900 642	24	41	196				
2	643	16	31	134				
3	644	23	56	228				
4	645	20	60	144				
5	646	26	37	280				
6	647	31	86	146				
7	648	19	87	158				
8	649	8	220	62				
9	650	15	1400	148				
130	651	10	126	118				
1	652	18	95	500				
2	653	31	680	1450				
3	654	14	46	212				
4	655	10	55	106				
5	<del>STD 1</del>	<del>15</del>	<del>30</del>	<del>730</del>				
6	656	14	38	156				
7	657	6	21	72				
8	658	6	14	58				
9	659	5	10	46				
140	660	16	47	174				
1	661	13	13	136				
2	662	3	16	170				
3	663	16	14	148				
4	664	10	7	78				
5	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
6	665	11	10	96				
7	666	13	9	94				
8	667	34	25	266				
9	668	18	15	180				
150	7900 669	25	23	230				
1	<del>7900 513</del>	<del>50</del>	<del>18</del>	<del>432</del>				
2	535	12	22	212				
3	542	11	18	78				
4	534	15	12	40				
5	535	3	30	122				
6	597	22	14	657				
7	522	3	2	22				
8	541	36	35	244				
9	650	15	1400	148				
160	7900 663	16	16	144				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
1	7900 670	25	14	180				
2	671	65	28	330				
3	672	21	8	168				
4	673	34	17	224				
5	674	49	38	230				
6	675	66	19	620				
7	677	26	19	138				
8	678	17	12	100				
9	679	29	27	136				
10	680	30	28	134				
1	681	28	28	40				
<del>2</del>	<del>STD 2</del>	<del>32</del>	<del>360</del>	<del>272</del>				
3	682	50	19	273				
4	685	20	20	106				
5	687	64	31	242				
6	688	49	25	154				
7	689	28	26	150				
8	690	29	18	166				
9	691	27	28	106				
20	692	30	25	85				
1	694	31	24	153				
<del>2</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
3	695	44	19	194				
4	696	39	24	154				
5	697	35	15	272				
6	698	29	16	236				
7	701	19	15	102				
8	702	25	14	93				
9	703	50	19	234				
30	705	19	12	130				
1	706	30	13	246				
2	707	23	13	173				
3	708	23	10	130				
4	709	30	11	253				
5	710	15	2	114				
6	711	22	12	163				
7	712	22	15	152				
8	713	13	12	126				
9	714	13	14	120				
40	7900 715	23	20	190				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn	COMMENTS
41	7900716	13	10	94	
2	717	14	14	152	
3	718	34	22	256	
4	719	31	13	294	
5	720	20	23	156	
6	721	15	10	86	
7	722	31	21	54	
8	723	26	18	82	
9	724	16	9	80	
50	725	23	19	136	
1	726	15	5	94	
2	727	41	23	212	
3	<del>728</del>	<del>40</del>	<del>5</del>	<del>60</del>	
4	728	24	6	140	
5	729	65	30	520	
6	730	35	20	210	
7	731	24	25	150	
8	732	23	23	30	
9	733	35	29	142	
60	734	22	5	140	
1	735	31	14	242	
2	736	33	16	133	
3	<del>737</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>	
4	737	65	21	430	
5	738	43	19	560	
6	739	50	27	800	
7	740	59	33	930	
8	741	50	25	710	
9	744	27	26	322	
70	745	26	14	276	
1	746	30	18	442	
2	747	26	22	274	
3	748	27	19	218	
4	749	25	26	260	
5	750	20	18	232	
6	751	12	16	146	
7	752	33	27	250	
8	753	5	8	52	
9	754	9	33	82	
80	7900755	30	19000	3,300	

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn				COMMENTS
81	7900756	13	320	240				
2	757	26	950	990				
3	758	28	570	360				
4	759	54	2100	8300				
5	760	40	13000	20,000				
6	761	47	14000	22,000				
7	762	20	16000	3,500				
8	763	11	4000	700				
9	764	3	2200	254				
10	765	32	1300	1,000				
1	766	9	1200	178				
2	767	7	470	80				
3	768	13	320	134				
4	<del>570</del>	<del>16</del>	<del>29</del>	<del>950</del>				
5	769	11	450	144				
6	770	10	360	120				
7	771	13	390	412				
8	772	12	121	156				
9	773	7	195	11				
100	774	5	117	66				
1	775	15	640	252				
2	776	17	310	152				
3	777	7	3	32				
4	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
5	778	15	7	98				
6	779	5	3	33				
7	780	20	11	170				
8	781	5	2	30				
9	782	18	19	140				
110	783	35	22	270				
1	784	8	12	54				
2	785	10	9	64				
3	786	35	12	540				
4	787	10	3	73				
5	788	10	4	54				
6	790	12	3	54				
7	791	7	2	44				
8	792	63	10	272				
9	793	11	5	62				
120	7900794	37	11	278				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
121	7900 795	23	9	154				
2	796	13	7	96				
3	797	23	29	240				
4	798	31	15	130				
5	799	12	6	66				
6	800	13	6	103				
7	801	60	16	520				
8	802	71	21	320				
9	803	53	21	620				
130	806	43	15	670				
1	807	26	18	290				
2	808	42	26	540				
3	809	20	15	204				
4	810	20	17	290				
5	<del>STD 2</del>	<del>32</del>	<del>350</del>	<del>370</del>				
6	811	17	16	150				
7	812	22	19	266				
8	813	15	7	134				
9	814	24	22	234				
140	815	23	18	270				
1	816	23	10	293				
2	817	19	7	290				
3	818	13	4	104				
4	819	25	23	320				
5	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
6	820	24	17	230				
7	821	17	21	153				
8	822	10	24	116				
9	824	21	250	460				
150	7900 825	18	220	300				
1	<del>7900 675</del>	<del>65</del>	<del>19</del>	<del>630</del>				
2	701	19	13	102				
3	723	26	17	52				
4	733	38	29	124				
5	755	21	11500	3 300				
6	771	46	12500	32 000				
7	781	7	1200	104				
8	783	35	23	296				
9	806	42	16	670				
160	7900 820	23	18	226				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
1	7900827	19	<del>290</del>	1350				
2	828	22	590	1250				
3	829	15	<del>460</del>	1650				
4	830	21	<del>430</del>	550				
5	831	14	98	150				
6	832	21	690	590				
7	833	17	<del>390</del>	355				
8	834	30	1650	2000				
9	835	19	970	590				
10	836	15	1380	600				
1	837	12	700	192				
<del>2</del>	<del>STD 3</del>	<del>40</del>	<del>6</del>	<del>57</del>				
3	838	20	800	580				
4	839	21	325	295				
5	840	33	140	475				
6	841	13	20	132				
7	842	19	12	174				
8	843	19	19	160				
9	844	35	15	158				
20	845	22	20	212				
1	846	19	4	360				
<del>2</del>	<del>BLANK</del>	<del>N/A</del>	<del>N/A</del>	<del>N/A</del>				
3	847	10	6	82				
4	848	14	20	90				
5	849	11	15	66				
6	850	48	30	340				
7	851	23	18	138				
8	852	48	19	270				
9	853	23	15	175				
30	854	21	8	205				
1	855	23	11	170				
2	856	62	32	295				
3	857	32	14	255				
4	858	32	12	210				
5	3589	12	2	110				
6	860	34	12	220				
7	861	13	8	22				
8	862	22	16	170				
9	863	38	15	305				
40	7900864	53	19	430				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> (NMBR)	Cu	Pb	Zn				COMMENTS
41	7900 865	22	12	232				
2	866	25	12	190				
3	867	16	6	182				
4	868	26	14	262				
5	869	15	12	138				
6	870	28	18	232				
7	871	23	6	205				
8	872	43	14	340				
9	873	47	36	630				
50	874	51	1330	1450				
1	875	31	222	7,700				
2	876	30	430	5,200				
<del>3</del>	<del>STD 1</del>	<del>17</del>	<del>30</del>	<del>250</del>				
4	877	39	208	6,700				
5	878	21	292	1200				
6	879	20	162	1700				
7	880	12	233	385				
8	881	50	295	1200				
9	882	38	262	1150				
60	883	33	610	1250				
1	884	33	440	10,200				
2	885	30	1130	6,400				
<del>3</del>	<del>BLANK</del>	<del>N.D.</del>	<del>N.D.</del>	<del>N.D.</del>				
4	886	18	420	1450				
5	887	15	12	132				
6	888	22	12	215				
7	889	26	27	495				
8	890	22	14	141				
9	891	28	16	118				
70	892	45	26	195				
1	893	34	16	132				
2	900	84	27	300				
3	901	76	30	410				
4	902	87	26	475				
5	903	65	25	450				
6	904	42	16	160				
7	905	54	16	160				
8	907	44	18	86				
9	909	41	16	114				
80	7900 910	77	20	235				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn						COMMENTS
1	7900 911	34	25	130						
2	912	35	13	205						
3	913	61	16	235						
4	914	23	16	132						
5	915	22	14	140						
6	916	12	2	82						
7	917	22	7	214						
8	918	7	2	55						
9	919	44	33	530						
90	920	6	6	46						
1	921	10	16	200						
2	922	12	11	124						
3	923	12	12	125						
<del>4</del>	<del>STD 2</del>	<del>35</del>	<del>385</del>	<del>310</del>						
5	924	15	26	138						
6	925	14	16	116						
7	926	17	32	225						
8	927	14	42	305						
9	928	12	56	325						
100	929	15	60	225						
1	930	16	620	1350						
2	931	32	4500	1400						
3	932	24	760	670						
<del>4</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>						
5	933	33	25	21						
6	934	30	22	225						
7	935	25	20	620						
8	936	31	20	245						
9	937	25	24	415						
110	938	22	30	700						
1	939	24	22	540						
2	940	56	15	490						
3	945	22	22	165						
4	946	20	2	125						
5	947	52	22	185						
6	948	24	21	125						
7	949	22	20	260						
8	950	35	20	210						
9	951	30	18	180						
120	7900 952	22	14	114						

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RIO TINTO CANADIAN EXPLORATION LIMITED  
LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn		COMMENTS
12	7900953	19	10	156		
2	954	34	24	156		
3	955	24	16	225		
4	956	40	19	252		
5	957	25	10	265		
6	958	53	15	260		
7	959	27	16	60		
8	960	45	14	240		
9	961	36	15	220		
130	962	19	10	224		
1	963	21	26	275		
2	964	24	31	240		
3	965	7	4	48		
4	966	16	30	168		
<del>5</del>	<del>STD 3</del>	<del>40</del>	<del>5</del>	<del>60</del>		
6	967	8	8	95		
7	968	2	10	102		
8	969	6	4	112		
9	970	17	108	610		
140	971	15	100	680		
1	972	13	78	550		
2	973	19	100	780		
3	974	14	25	530		
4	975	11	97	530		
<del>5</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>		
6	976	21	155	540		
7	977	22	105	540		
8	978	19	48	260		
9	979	19	19	124		
150	980	26	20	235		
1	981	26	32	275		
2	982	53	25	750		
3	983	54	20	470		
4	984	46	11	185	280	
5	985	23	12	238	155	
6	986	41	16	178	210	
7	987	32	18	285	148	
8	988	38	18	295	225	
9	989	21	12	7	145	
160	7900790	49	20	7	630	

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn				COMMENTS
161	7900 991	14	4	115				
2	992	23	24	180				
3	993	22	12	144				
4	994	48	16	222				
5	995	37	18	200				
<del>6</del>	<del>570.1</del>	<del>16</del>	<del>28</del>	<del>950</del>				
7	7900 996	26	26	168				
<del>8</del>	<del>7900 934</del>	<del>28</del>	<del>1600</del>	<del>1950</del>				
9	944	32	15	146				
170	863	36	14	295				
1	879	19	158	1650				
2	887	25	24	475				
3	119	43	32	530				
4	935	25	20	620				
5	957	27	16	58				
6	970	12	102	630				
7	975	15	98	540				
8	984	47	15	280				
9	7900 993	38	18	125				
180	7900 573	43	23	250				
1								
2								
3								
4								
5								
6								
7								
8								
9								
190								
1								
2								
3								
4								
5								
6								
7								
8								
9								
200								

RIO TINTO CANADIAN EXPLORATION LIMITED  
LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Zn	Pb				COMMENTS
1	7900997	15	92	5				
2	998	37	192	20				
3	7900999	85	400	42				
4	7901000	24	88	30				
5	001	17	82	15				
6	002	35	130	20				
7	003	11	58	6				
8	004	54	172	32				
9	005	56	230	24				
10	006	47	218	22				
1	007	60	146	14				
<del>2</del>	<del>STD</del>	<del>16</del>	<del>940</del>	<del>30</del>				
3	008	14	74	22				
4	009	20	106	16				
5	010	29	320	82				
6	011	19	360	23				
7	012	20	1770	246				
8	013	17	1220	44				
9	015	13	1870	346				
20	016	16	1270	144				
1	017	20	<del>1220</del>	557				Zn = 2420
<del>2</del>	<del>BLANK</del>	<del>0</del>	<del>0</del>	<del>0</del>				
3	018	19	1300	422				
4	019	15	3350	1200				
5	023 <del>210</del>	31	290	24				
6	024	53	252	24				
7	025	27	126	13				
8	027	28	130	14				
9	028	51	216	22				
30	029	16	104	10				
1	030	31	308	15				
2	031	42	300	16				
3	032	47	320	13				
4	033	34	152	12				
5	034	35	223	14				
6	035	26	156	13				
7	036	24	202	13				
8	037	36	110	20				
9	038	14	52	5				
40	7901039	19	105	16				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Zn	Pb					COMMENTS
41	7901040	22	110	17					
2	041	21	114	14					
3	042	26	120	14					
4	043	35	164	16					
5	044	20	96	12					
6	045	21	96	16					
7	046	13	58	6					
8	047	47	66	26					
9	048	83	820	26					
50	049	39	124	28					
1	050	27	116	24					
2	051	23	62	22					
<del>3</del>	<del>SFD 2</del>	<del>33</del>	<del>275</del>	<del>378</del>					
4	052	25	70	18					
5	053	16	56	15					
6	054	10	32	12					
7	055	20	124	14					
8	056	18	140	26					
9	057	14	60	7					
60	058	14	84	9					
1	059	13	68	12					
2	060	41	1460	68					
<del>3</del>	<del>BLANK</del>	<del>0</del>	<del>0</del>	<del>0</del>					
4	061	16	152	12					
5	062	22	1360	470					
6	063	13	1150	146					
7	064	11	410	56					
8	065	16	530	66					
9	066	13	300	123					
70	067	12	570	30					
1	068	22	1660	244					
2	069	17	422	72					
3	070	20	530	100					
4	071	6	41	10					
5	072	36	363	30					
6	073	10	720	132					
7	074	10	520	1135					
8	077	13	770	72					
9	078	14	123	13					
80	7901079	8	58	7					

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> (NMBR)		Cu	Zn	Pb				COMMENTS
81	7901 080		9	70	6				
2	081		6	24	4				
3	082		22	128	12				
4	083		16	132	8				
5	084		23	105	18				
6	085		37	115	20				
7	086		10	28	3				
8	087		47	198	13				
9	088		16	66	15				
90	089		79	426	64				
1	090		13	28	16				
2	091		21	58	12				
3	092		23	6	10				
4	<del>STD 3</del>		<del>39</del>	<del>53</del>	<del>8</del>				
5	093		45	150	18				
6	094		53	246	20				
7	095		52	54	13				
8	096		24	120	16				
9	097		23	102	13				
100	098		30	152	13				
1	099		34	110	22				
2	100		31	198	18				
3	101		40	230	22				
4	<del>BLANK</del>		<del>0</del>	<del>0</del>	<del>0</del>				
5	103		34	212	16				
6	104		41	184	14				
7	105		29	146	16				
8	106		26	174	14				
9	108		30	315	16				
110	109		31	314	16				
1	110		30	284	24				
2	111		29	272	20				
3	112		26	154	12				
4	113		16	30	10				
5	114		31	14	21				
6	115		23	170	20				
7	116		5	320	25				
8	117		24	5,240	1,217				
9	118		36	770	41				
120	7901 119		11	500	42				

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)		Cu	Zn	Pb						COMMENTS
121	7901120		8	288	26						
2	122		16	208	22						
3	123		27	272	20						
4	124		10	52	7						
5	125		13	132	17						
6	126		13	122	12						
7	127		14	148	8						
8	128		9	66	6						
9	129		28	204	20						
130	130		22	118	14						
1	131		24	156	20						
2	132		19	74	16						
3	133		17	62	30						
4	134		43	173	20						
5	<del>STD</del>		<del>5</del>	<del>750</del>	<del>30</del>						
6	135		37	92	36						
7	136		93	24	12						
8	137		26	10	12						
9	138		24	58	16						
140	139		47	142	24						
1	140		52	84	26						
2	141		53	113	36						
3	142		57	206	32						
4	143		33	148	40						
5	<del>BLANK</del>		<del>0</del>	<del>0</del>	<del>0</del>						
6	144		32	133	52						
7	145		31	192	16						
8	146		128	258	20						
9	147		127	610	50						
150	7901153		45	302	20						
1	<del>7901009</del>		<del>20</del>	<del>104</del>	<del>16</del>						
2	017		20	2310	573						
3	027		29	125	16						
4	046		11	55	8						
5	057		9	31	12						
6	071		5	246	10						
7	085		57	112	20						
8	103		33	202	16						
9	112		27	148	14						
160	7901144		81	186	34						

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Zn	Pb				COMMENTS
1	7901-155	24	130	8				
2	156	37	310	16				
3	157	49	390	22				
4	158	35	292	15				
5	159	24	106	18				
6	160	22	70	13				
7	161	30	240	12				
8	163	11	1700	70				
9	164	11	2,260	64				
10	166	23	530	53				
1	167	9	68	15				
2	STD 2	33	254	376				
3	168	17	102	22				
4	169	9	76	22				
5	170	15	124	18				
6	171	11	114	10				
7	172	13	56	6				
3	173	19	170	14				
9	174	40	420	20				
20	175	22	233	14				
1	176	30	306	22				
2	BLANK	0	0	0				
3	177	14	146	8				
4	178	17	168	12				
5	179	36	70	14				
6	180	38	124	3				
7	181	62	172	16				
8	182	57	138	26				
9	183	76	600	13				Zn = 640
30	184	52	54	25				
1	185	45	34	20				
2	186	165	132	25				
3	187	49	130	36				
4	188	31	30	32				
5	189	12	35	30				
6	190	19	264	18				
7	191	41	72	20				
8	192	36	670	64				
9	193	42	234	34				
40	7901-194	54	350	20				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> (NMBR)		Cu	Zn	Pb				COMMENTS
4	7901 204		42	292	12				
2	205		52	340	19				
3	206		29	216	14				
4	207		25	76	20				
5	208		15	650	48				
6	209		18	2730	160				
7	210		12	1040	84				
8	211		15	1190	212				
9	212		10	830	364				
50	213		12	670	24				
1	214		20	240	36				
2	215		12	228	52				
<del>3</del>	<del>STD 3</del>		<del>38</del>	<del>56</del>	<del>8</del>				
4	216		23	198	28				
5	217		33	192	22				
6	218		19	160	21				
7	219		24	250	12				
8	220		24	350	20				
9	221		24	254	20				
60	222		17	224	20				
1	223		15	194	12				
2	224		21	250	12				
3	BLANK		0	0	0				
4	225		22	238	12				
5	226		34	112	16				
6	227		37	130	13				
7	228		30	110	10				
8	229		45	152	24				
9	230		72	142	20				
70	231		40	136	8				
1	232		71	134	20				
2	235		49	326	13				
3	236		41	300	16				
4	237		45	323	16				
5	241		20	134	12				
6	242		22	136	7				
7	243		32	140	12				
8	244		66	430	8				
9	245		42	248	11				
80	7901 251		36	306	13				



# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Zn	Pb					COMMENTS
81	7901252	42	310	15					
2	253	24	184	12					
3	254	45	116	18					
4	255	27	212	15					
5	256	24	100	10					
6	257	30	114	10					
7	263	40	209	16					
8	264	40	198	16					
9	265	37	226	14					
90	266	39	246	18					
1	267	38	256	20					
2	268	44	260	26					
3	269	9	90	2					
<del>4</del>	<del>STD 1</del>	<del>15</del>	<del>950</del>	<del>29</del>					
5	270	14	98	22					
6	271	44	272	12					
7	272	44	232	12					
8	273	21	192	7					
9	274	32	136	14					
100	275	36	210	16					
1	276	27	150	12					
2	277	33	277	17					
3	278	16	164	8					
4	BLANK	0	0	0					
5	279	22	182	10					
6	280	15	277	8					
7	281	16	210	10					
8	282	19	352	9					
9	283	23	332	28					
110	284	17	345	18					
1	285	11	128	20					
2	286	10	108	20					
3	287	15	164	19					
4	288	13	156	23					
5	289	5	33	14					
6	290	3	34	14					
7	291	3	106	13					
8	292	7	58	34					
9	293	11	712	114					
120	7901294	12	970	72					

# RIO TINTO CANADIAN EXPLORATION LIMITED

## LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Zn	Pb				COMMENTS
121	7901 295	11	780	82				
<del>2</del>	<del>296</del>	<del>30</del>						Will be re-done
3	297	21	800	43				
4	298	9	550	40				
5	299	12	4050	19				
6	300	23	103	19				
7	301	24	72	15				
8	302	21	70	12				
9	303	16	54	13				
130	306	30	76	22				
1	307	42	182	20				
2	308	37	176	18				
3	309	31	200	14				
4	310	39	178	20				
<del>5</del>	<del>STD 2</del>	<del>31</del>	<del>258</del>	<del>374</del>				
6	311	21	134	16				
7	312	32	210	12				
8	313	16	123	4				
9	314	24	162	10				
140	315	39	192	20				
1	316	18	56	25				
2	317	57	272	20				
3	318	49	248	19				
4	319	35	212	16				
<del>5</del>	<del>BLANK</del>	<del>0</del>	<del>0</del>	<del>0</del>				
6	320	39	296	28				
7	321	38	212	13				
8	322	55	214	16				
9	323	40	228	16				
150	7901 324	57	500	13				
<del>1</del>	<del>7901 166</del>	<del>22</del>	<del>570</del>	<del>58</del>				
2	205	52	342	25				
3	212	11	792	360				
4	226	34	112	13				
5	251	36	303	2				
6	257	27	112	0				
7	271	43	277	2				
8	286	3	64	16				
9	301	23	72	15				
160	7901 321	37	212	17				

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RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn		COMMENTS
1	7901325	39	10	820		
2	326	29	14	435		
3	327	36	16	950		
4	328	32	18	325		
5	329	11	16	130		
6	330	15	35	205		
7	331	12	14	135		
8	332	12	22	118		
9	333	9	16	148		
10	334	8	17	115		
1	335	19	15	265		
<del>2</del>	<del>STD 5</del>	<del>40</del>	<del>5</del>	<del>58</del>		
3	336	6	9	37		
4	337	18	35	520		
5	338	21	198	4100		
6	342	24	14	185		
7	343	43	14	275		
8	344	36	10	230		
9	345	35	16	225		
20	346	32	24	255		
1	347	28	20	245		
<del>2</del>	<del>BLANK</del>	<del>N/A</del>	<del>N/A</del>	<del>N/A</del>		
3	348	24	18	235		
4	349	28	34	400	140	
5	350	18	110	30	40	
6	351	19	16	20	20	
7	352	17	2	20	70	
8	353	14	2	15	20	
9	354	42	21	52	105	
30	355	30	22	34	150	
1	356	40	18	135	20	
2	357	28	12	50	145	
3	358	45	14	50	210	
4	359	30	16	50	230	
5	360	20	14	50	230	
6	361	12	2	50	100	
7	362	15	20	50	100	
9	363	2	2	110	24	
9	364	17	20	50	132	
40	7901365	14	19	80	172	

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> (NMBR)	Cu	Pb	Zn				COMMENTS
41	7901 366	17	47	660				
2	367	10	118	330				
3	368	23	46	315				
4	369	16	48	510				
5	370	22	282	3300				
6	371	21	193	4800				
7	372	28	89	4900				
8	373	22	130	3700				
9	374	17	22	1160				
50	375	22	62	1120				
1	376	31	148	2700				
2	377	24	13	135				
<del>3</del>	<del>STD 1</del>	<del>16</del>	<del>30</del>	<del>930</del>				
4	378	24	19	172				
5	383	13	10	78				
6	390	51	21	305				
7	391	50	18	300				
8	392	31	13	185				
9	393	36	14	320				
60	394	28	122	84				
1	395	14	11	252				
2	396	22	10	410				
<del>3</del>	<del>BLANK</del>	<del>ND</del>	<del>ND</del>	<del>ND</del>				
4	397	65	30	420				
5	398	28	21	154				
6	399	7	3	58				
7	400	18	8	112				
8	401	46	24	128				
9	402	41	26	156				
70	403	21	12	128				
1	404	52	18	385				
2	405	38	16	270				
3	406	36	18	265				
4	407	18	23	175				
5	408	31	28	405				
6	409	16	26	205				
7	410	7	25	132				
8	411	13	18	225				
9	412	7	12	115				
80	7901 413	10	16	165				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup>	SAMPLE N <sup>o</sup> (NMBR)		Cu	Pb	Zn				COMMENTS
81	7901414		21	265	1500				
2	415		15	315	1600				
3	416		12	58	1350				
4	417		11	78	2500				
5	418		9	32	820				
6	419		34	12	132				
7	420		29	11	114				
8	421		26	10	132				
9	422		29	12	205				
90	425		62	14	315				
1	427		53	19	285				
2	428		43	19	255				
3	429		45	16	280				
<del>4</del>	<del>STD 2</del>		<del>39</del>	<del>880</del>	<del>275</del>				
5	430		41	16	205				
6	431		28	14	150				
7	432		52	16	158				
8	433		32	23	148				
9	434		24	18	305				
100	435		36	18	275				
1	436		30	16	135				
2	437		14	7	110				
3	438		24	10	100				
<del>4</del>	<del>BLANK</del>		<del>ND</del>	<del>ND</del>	<del>ND</del>				
5	439		28	22	215				
6	440		29	34	211				
7	441		9	10	132				
8	442		12	15	85				
9	443		72	6	44				
110	444		11	10	61				
1	445		25	15	295				
2	446		28	15	380				
3	447		29	14	336				
4	448		28	13	305				
5	449		56	16	210				
6	450		15	10	425				
7	451		15	11	42				
8	452		11	8	105				
9	453		15	10	142				
120	7901454		8	4	69				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB N <sup>o</sup> .	SAMPLE N <sup>o</sup> . (NMBR)	Cu	Pb	Zn				COMMENTS
12	7901455	28	10	152				
2	456	16	10	158				
3	457	28	14	208				
4	458	14	12	110				
5	459	24	28	135				
6	460	27	20	205				
7	462	16	6	70				
8	463	20	15	125				
9	464	6	8	23				
130	465	21	10	148				
1	466	48	15	227				
2	467	54	15	385				
3	468	26	10	125				
4	469	32	34	138				
5	<del>510 3</del>	<del>39</del>	<del>6</del>	<del>58</del>				
6	470	13	6	82				
7	471	33	10	178				
8	472	40	22	345				
9	473	12	5	97				
140	474	2	4	56				
1	475	38	12	540				
2	476	20	11	126				
3	477	13	8	175				
4	478	19	10	164				
5	BLANK	N/D	N/D	N/D				
6	479	22	12	330				
7	480	29	14	245				
8	481	38	18	410				
9	482	28	22	330				
150	7901483	13	6	138				
1	<del>7901336</del>	<del>6</del>	<del>10</del>	<del>37</del>				
2	366	12	4	650				
3	375	22	28	1120				
4	388	28	21	150				
5	414	21	25	1600				
6	422	27	14	238				
7	433	21	21	145				
8	451	14	11	162				
9	462	15	8	72				
160	7901429	51	18	380				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn	Pb	COMMENTS
1	7901484	28	<del>44</del>	790	44	
2	485	30	5750	1130	3450	
3	491	28	750	2900	325	
4	492	26	96	1080	120	
5	493	25	150	690	96	
6	494	24	25	350	50	
7	495	25	740	1090	235	
8	496	15	255	1000	240	
9	497	17	114	640	235	
10	498	18	178	490	114	
1	499	18	30	570	118	
2	<del>STO 31</del>	<del>17</del>	<del>210</del>	<del>970</del>	<del>30</del>	
3	500	22	42	620	110	
4	501	19	120	910	292	
5	502	21	7	250	134	
6	505	23	13	208	11	
7	506	18	5	212	9	
8	507	165	13	320	2	
9	508	508	2	300	13	
20	509	8		94	2	
1	510	38		78	4	
2	<del>BLANK</del>	<del>00</del>		<del>00</del>	<del>00</del>	
3	511	32		140	2	
4	512	24		144	6	
5	513	31		214	12	
6	514	26		216	12	
7	515	34		265	18	
8	516	32		380	15	
9	517	44		365	14	
30	518	6		35	2	
1	519	18		92	6	
2	520	16		52	2	
3	521	20		104	8	
4	522	50		425	19	
5	523	43		485	16	
6	524	36		750	12	
7	525	52		760	32	
8	526	8		53	3	
9	527	8		210	365	
40	7901543	22		210	9	

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO	SAMPLE NO (NMBR)	Cu	Pb	Zn					COMMENTS
41	7901544	23	10	270					
2	545	37	12	360					
3	546	17	4	185					
4	547	28	8	370					
5	548	23	7	245					
6	549	31	10	255					
7	550	21	8	182					
8	551	23	10	210					
9	552	29	14	310					
50	553	32	16	550					
1	554	15	1050	400					
2	555	15	3250	435					
3	STD 2	36	375	315					
4	556	20	4150	345					
5	557	14	19	100					
6	558	15	15	214					
7	559	57	206	5800					
8	560	22	185	1550					
9	561	15	52	760					
60	563	28	182	1930					
1	564	19	33	900					
2	565	22	18	720					
3	BLANK	ND	ND	ND					
4	566	22	56	1250					
5	569	26	72	420					
6	570	77	23	253					
7	571	37	48	660					
8	572	89	135	1450					
9	574	38	12	380					
70	575	27	15	218					
1	576	6	2	56					
2	577	21	16	282					
3	579	26	22	435					
4	571	38	16	390					
5	580	58	22	650					
6	581	53	48	295					
7	582	17	10	94					
8	583	27	14	132					
9	584	21	18	72					
80	7901585	35	18	168					



RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
81	7901536	11	10	64				
2	537	18	9	305				
3	588	36	10	290				
4	589	15	4	164				
5	590	42	10	320				
6	591	12	4	138				
7	592	14	4	108				
8	593	60	16	36				
9	594	16	6	70				
90	595	16	6	134				
1	596	22	13	365				
2	597	33	10	350				
3	598	22	7	235				
4	STD 3	41	5	62				
5	599	44	22	450				
6	601	26	10	66				
7	602	30	78	405				
8	603	28	78	1150				
9	604	18	1	360				
100	605	28	16	275				
1	606	37	5	430				
2	607	28	18	310				
3	608	24	24	290				
4	BLANK	ND	ND	ND				
5	609	42	27	640				
6	7901610	48	16	510				
7	7901491	22	320	2800				
8	501	18	295	360				
9	517	44	14	355				
110	543	21	8	204				
1	556	19	4050	330				
2	564	17	36	390				
3	572	38	135	1450				
4	586	10	10	66				
5	595	16	8	138				
6	7901609	46	28	630				
7								
8								
9								
120								

Appendix II

COST STATEMENT

COST STATEMENT

B.C. SIKANNI CLAIMS

28 May - 23 September 1979

GENERAL COSTS

(Includes Camp Construction, Mob, Demob, Fuel Moves,  
Cooks, Free Days, Illnesses, Etc.)

SALARIES & WAGES

8 persons, 28 May-23 Sep, 422 Man Days @\$37 \$ 15,614.00

BENEFITS @ 20% of Salaries & Wages 3,122.80

RIOCANEX EQUIPMENT 422 Man Days @\$3 1,266.00

RENTAL EQUIPMENT

Traeger SSB50C radio, 28 May-15 Oct		
@\$185.43/mo.	\$ 945.69	
Bowmac 22 Ft 3T Box Van, 28 May-31 May		
@\$290	<u>455.35</u>	1,401.04

HELICOPTERS

Alpine (on Viking contract below)		
9.1 hrs @ \$285	\$ 2,593.50	
Northern Mountain, 206B, 7-19 Sep,		
36.6 hrs @ \$281	9,454.00	
Viking Helicopters, Hughes 500,		
1 Jun-21 Aug, 267 hrs @\$285	<u>75,541.00</u>	87,588.50

FIXED WING

N.T.Air, DHC 3, 28 Jun-29 Aug, Supply Trips	\$21,908.00	
Universal Travel, 29 May-6 Sep, 22 trips	<u>1,488.80</u>	23,396.80

FOOD & ACCOMMODATION

764 Man Days @\$15.58 11,902.68

SUPPLIES 28 May-23 Sep, 764 Man Days @\$13.29 10,151.00

EXPEDITING SERVICES

D. Macks, Mackenzie, 16 May-24 Sep,  
4 mo. @\$491.08 1,964.32

FUEL

C.E. Bodin, Mackenzie, 30 May-4 Jun (Helicopters) \$ 12,468.92

REPORT PREPARATION 4,000.00

GENERAL COSTS TOTAL \$172,876.06

GEOLOGY

SALARIES & WAGES

124 Man Days @\$37 \$ 4,588.00

BENEFITS @20% of Salaries & Wages 917.60

RIOCANEX EQUIPMENT 124 Man Days @\$3 372.00

GENERAL COSTS

124/342 X \$172,876.06 62,680.21

GEOLOGY TOTAL \$ 68,557.81

LINE CUTTING

SALARIES & WAGES

29 Man Days @\$37 \$ 1,073.00

BENEFITS @20% of Salaries & Wages 214.60

RIOCANEX EQUIPMENT 29 Man Days @\$3 87.00

GENERAL COSTS

29/342 X \$172,876.06 14,659.08

LINE CUTTING TOTAL \$16,033.68

GEOCHEMISTRY

SALARIES & WAGES

104 Man Days @\$37 \$ 3,848.00

BENEFITS @20% of Salaries & Wages 769.60

RIOCANEX EQUIPMENT 104 Man Days @\$3 312.00

GEOCHEMICAL ANALYSIS

Bondar-Clegg Lab		
2 Cu/Pb/Zn/Ag @\$3.75	\$	7.50
2 Preps @\$1.75		3.50
Shipping Charges		
Assays 5 Ag/Pb/Zn @\$17		85.00
1 Ag/Cu/Pb/Zn @\$22		22.00
3 Cu/Pb/Zn @\$16		48.00
		<u>171.20</u>
Riocanex Lab		
2148 Soils for Cu/Pb/Zn @\$3.60	\$7,732.80	
Geochem supplies	<u>249.58</u>	7,982.38

GENERAL COSTS

104/342 X \$172,876.06		<u>52,570.50</u>
------------------------	--	------------------

GEOCHEMISTRY TOTAL

\$ 65,653.68

TRENCHING (PHYSICAL)

SALARIES & WAGES

16 Man Days @\$37	\$	592.00
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<u>BENEFITS</u> @20% of Salaries & Wages		118.40
--	--	--------

<u>RIOCANEX EQUIPMENT</u> 16 Man Days @\$3		48.00
--	--	-------

GENERAL COSTS

16/342 X \$172,876.06		<u>8,087.77</u>
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TRENCHING TOTAL

\$ 8,846.17

STAKING

SALARIES & WAGES

32 Man Days @\$37	\$	1,184.00
-------------------	----	----------

<u>BENEFITS</u> @20% of Salaries & Wages		236.80
--	--	--------

<u>RIOCANEX EQUIPMENT</u> 32 Man Days @\$3		96.00
--	--	-------

GENERAL COSTS

32/342 X \$172,876.06 \$16,175.54

STAKING TOTAL

\$ 17,692.34

DRILL SITE PREPARATION

SALARIES & WAGES

9 Man Days @\$37 \$ 333.00

BENEFITS @20% of Salaries & Wages 66.60

RIOCANEX EQUIPMENT 9 Man Days @\$3 27.00

GENERAL COSTS

9/342 X \$172,876.06 4,549.37

DRILL SITE PREPARATION TOTAL

\$ 4,975.97

SIKANNI TOTAL

\$181,759.65

B.C. ROUGH OPTION

SALARIES & WAGES

28 Man Days @\$37 \$ 1,036.00

BENEFITS @20% of Salaries & Wages 207.20

RIOCANEX EQUIPMENT 28 Man Days @\$3 84.00

GENERAL COSTS

28/342 X \$172,876.06 14,153.60

B.C. ROUGH OPTION TOTAL

\$ 15,480.80

GRAND TOTAL

\$197,240.45

COSTS APPORTIONED TO CLAIMS

<u>CLAIM</u>	<u>GEOCHEM</u>	<u>TRENCHING</u>	<u>GEOLOGY</u>	<u>LINE CUTTING</u>	<u>DRILL PREP.</u>	<u>TOTALS</u>
PTE 1	\$ 8,892.32	\$8,846.17	\$ 2,227.51	\$ 1,781.52	\$3,731.98	\$ 25,479.50
2	8,892.32		2,227.51	1,781.52		12,901.35
3	2,964.11		742.50	593.84	1,243.99	5,544.44
4	3,952.14		990.00	791.79		5,733.93
5	9,880.35		2,475.01	1,979.47		14,334.83
6	5,928.21		1,485.01	1,187.68		8,600.90
7			1,485.01			1,485.01
8	3,952.14		990.00	791.79		5,733.93
9			1,856.26			1,856.26
10	2,964.11		742.50	593.84		4,300.45
11	2,964.11		742.50	593.84		4,300.45
12	2,964.11		742.50	593.84		4,300.45
13	2,964.11		742.50	593.84		4,300.45
14			2,475.01			2,475.01
15			2,475.01			2,475.01
16			2,475.01			2,475.01
17			495.00			495.00
18			2,475.01			2,475.01
DOG 1	563.95		990.01	791.79		2,345.75
2	563.95		990.01	791.79		2,345.75
4	422.97		742.51	593.84		1,759.32
5			742.51			742.51
6			742.51	593.84		1,336.35
7			247.51			247.51
8			2,475.02	1,979.47		4,454.49
WIL 1			990.00			990.00
2			990.00			990.00
3			2,475.01			2,475.01
4			2,475.01			2,475.01
5			1,485.01			1,485.01
6			1,485.01			1,485.01
7			2,475.01			2,475.01
8			1,856.26			1,856.26
9			1,856.26			1,856.26
10			742.50			742.50
YULE 1	1,668.17		1,113.75			2,781.92
2	2,780.28		1,856.26			4,636.54
3			247.50			247.50
4			2,227.51			2,227.51
5			495.00			495.00
6	2,224.22		1,485.01			3,709.23
7			1,856.26			1,856.26
8	1,112.11		742.50			1,854.61
9			2,227.51			2,227.51
10			2,475.01			2,475.01
<b>TOTALS</b>	<b>\$65,653.68</b>	<b>\$8,846.17</b>	<b>\$68,557.81</b>	<b>\$16,033.68</b>	<b>\$4,975.97</b>	<b>\$164,067.31</b>

: applicable (staking, & B.C. Rough)

33,173.14

GRAND TOTAL (Applicable & Non-applicable)

\$197,240.45

Appendix III

STATEMENT OF QUALIFICATIONS

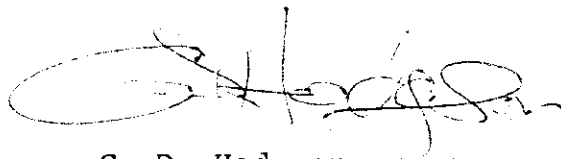


CERTIFICATE

I, Geoffrey David Hodgson, with business address in Vancouver, British Columbia, and residential address in North Vancouver, British Columbia, do hereby declare

1. I am a geologist employed by Rio Tinto Canadian Exploration Limited.
2. I graduated from Exeter University, U.K., in 1972 with a BSc (Hons.) degree in geology.
3. I graduated from the University of Alberta in 1976 with an MSc degree in geology.
4. I am a Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
5. From 1970 to 1979 I have been employed on both a temporary and full-time basis by the Geological Survey of Greenland, Research Council of Alberta, University of Alberta, Cominco Ltd., and Riocanex Ltd.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'G. D. Hodgson', written in dark ink.

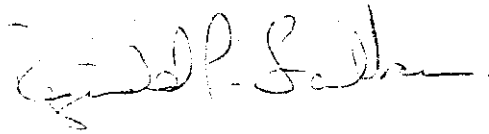
G. D. Hodgson

CERTIFICATE

I, Reginald L. Faulkner, with business address in Vancouver, British Columbia, and residential address in White Rock, British Columbia, do hereby declare

1. I am a geologist employed by Rio Tinto Canadian Exploration Limited.
2. I graduated from the University of British Columbia in 1974 with a B.Sc. in Physical Geography.
3. I continued my education with courses in geology from the University of British Columbia 1977-1979.
4. From 1971 to 1979 I have been employed on both a temporary and full time basis by Placer-Canex Aerial Exploration Limited, Geological Survey of Canada, British Columbia Land Commission, Department of Indian and Northern Affairs, Chevron Standard Minerals Staff and Riocanex Ltd.

Respectfully, submitted,



R. L. Faulkner



200

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**7506**

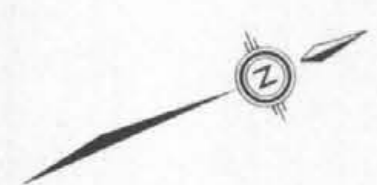
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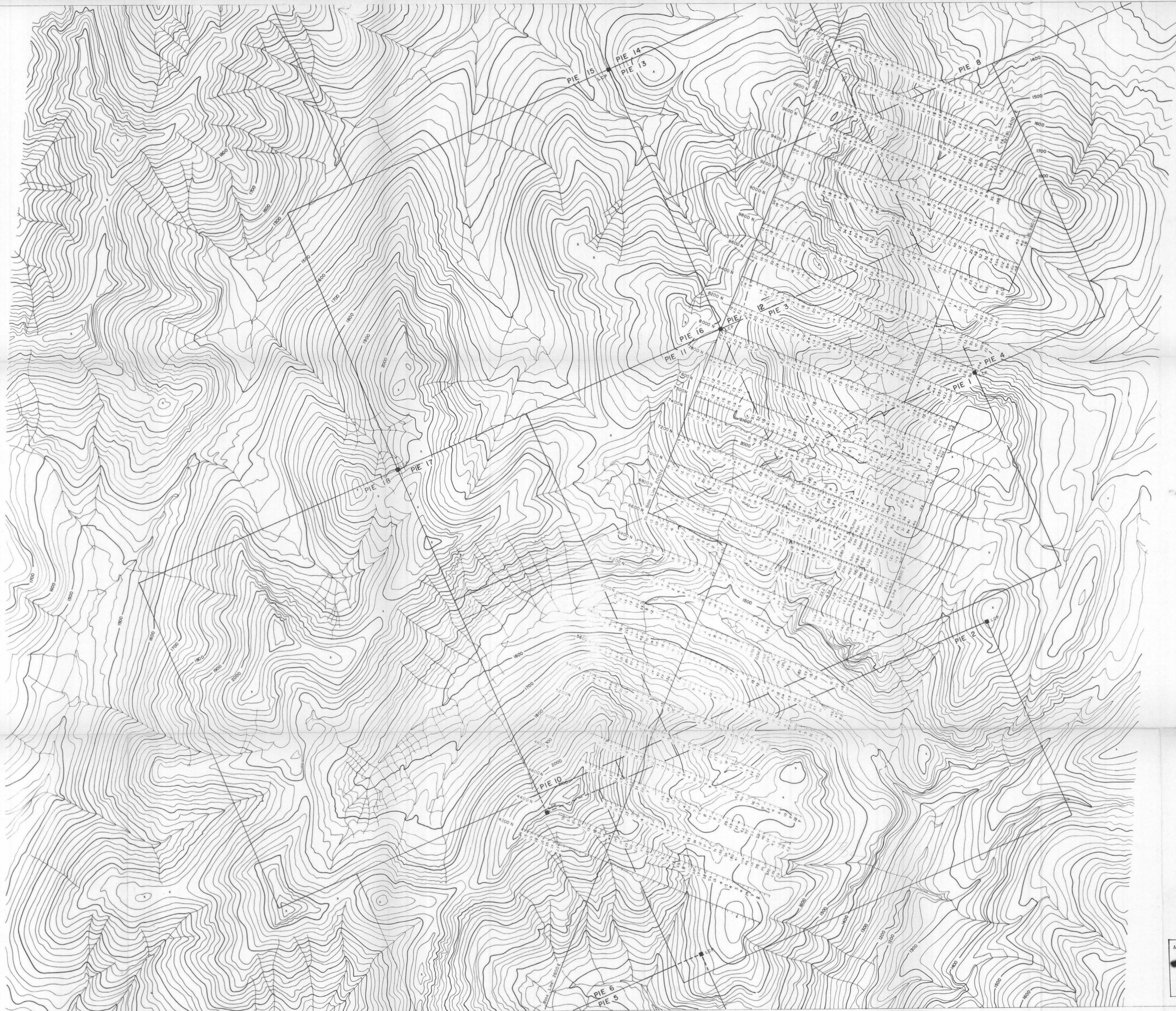
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Soil Sample Location & Number

N.T.S. 94-F-6,7

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200 100 0 200 400 600 800 Metres

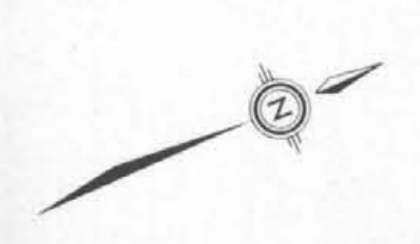
RIO TINTO CANADIAN EXPLORATION LIMITED		
PIE CLAIMS		
SOIL SAMPLE LOCATION		
SEPT 79	s. g.	DWG. GC - 8683





LEOP

MINERAL RESOURCES BRANCH  
**7506**  
 NO.



LEGEND  
 20 ppm Pb

N.T.S. 94 F 6.7

SCALE 1:10,000  
 200 100 0 200 400 600 800 Metres

RIO TINTO CANADIAN EXPLORATION LIMITED		
PIE CLAIMS		
PPM Pb IN SOIL SAMPLES		
SEPT. 79	s. g.	DWG. GC - 8684



2200

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**7506**  
NO.



LEGEND  
272 ppm Zn

N.T.S. 94-F-6,7  
SCALE 1:10,000  
200 100 0 200 400 600 800 Metres

RIO TINTO CANADIAN EXPLORATION LIMITED		
PIE CLAIMS		
PPM Zn IN SOIL SAMPLES		
SEPT. 79	s. g.	DWG. GC - 8685