

7374

79-#286#7374

WIL CLAIMS

Omineca M. D. N.T.S. 94F/7 & 10
57°30'N 124°48'W
G. D. Hodgson March 1979

Owner and Operator: Riocanex Limited

Work performed on following claims:

<u>Claim Name</u>	<u>Record Date</u>	<u>Expiry Date</u>
WIL 1	780721	790721
WIL 2	780721	790721
WIL 3	780721	790721
WIL 4	780721	790721
WIL 5	780721	790721
WIL 6	780721	790721
WIL 7	780721	790721
WIL 8	780721	790721
WIL 9	780721	790721
WIL 10	780721	790721

WIL CLAIMS

Omineca M. D.	N.T.S. 94F/7 & 10
57°30'N	124°48'W
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SUMMARY

The property lies in the Rocky Mountains of northern British Columbia between the Kwadacha and Akie Rivers. Devonian-Mississippian shales trend NW-SE. Following a stream silt sampling programme, ten claims (136 units) were staked to cover an area found to be geochemically anomalous with respect to zinc. Geological mapping and prospecting failed to discover mineralization. One hundred and seventy-one soil samples were taken along 22.4 km of line. No anomalous areas were outlined.

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1. INTRODUCTION

Devono-Mississippian black shales in northeastern British Columbia were thought to be southern equivalents of similar shales in the Yukon Territory and Mackenzie District, N.W.T., which host important deposits of lead and zinc. A regional reconnaissance programme that included geochemical stream silt sampling, geological mapping and prospecting confirmed that the black shales in northeastern British Columbia have economic potential and four groups of claims, including the WIL claims, were subsequently staked.

2. LOCATION AND ACCESS

The WIL claims lie north of Williston Lake in northern British Columbia (DWG. L-6562), 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 to Deserters Canyon at the north end of the Lake. Fort Ware and Ingenika have gravel air strips. Access to the claims is by helicopter.

N. T. S. 94F/7 & 10

Lat: 57°30'N Long: 124°48'W

3. TOPOGRAPHY AND VEGETATION

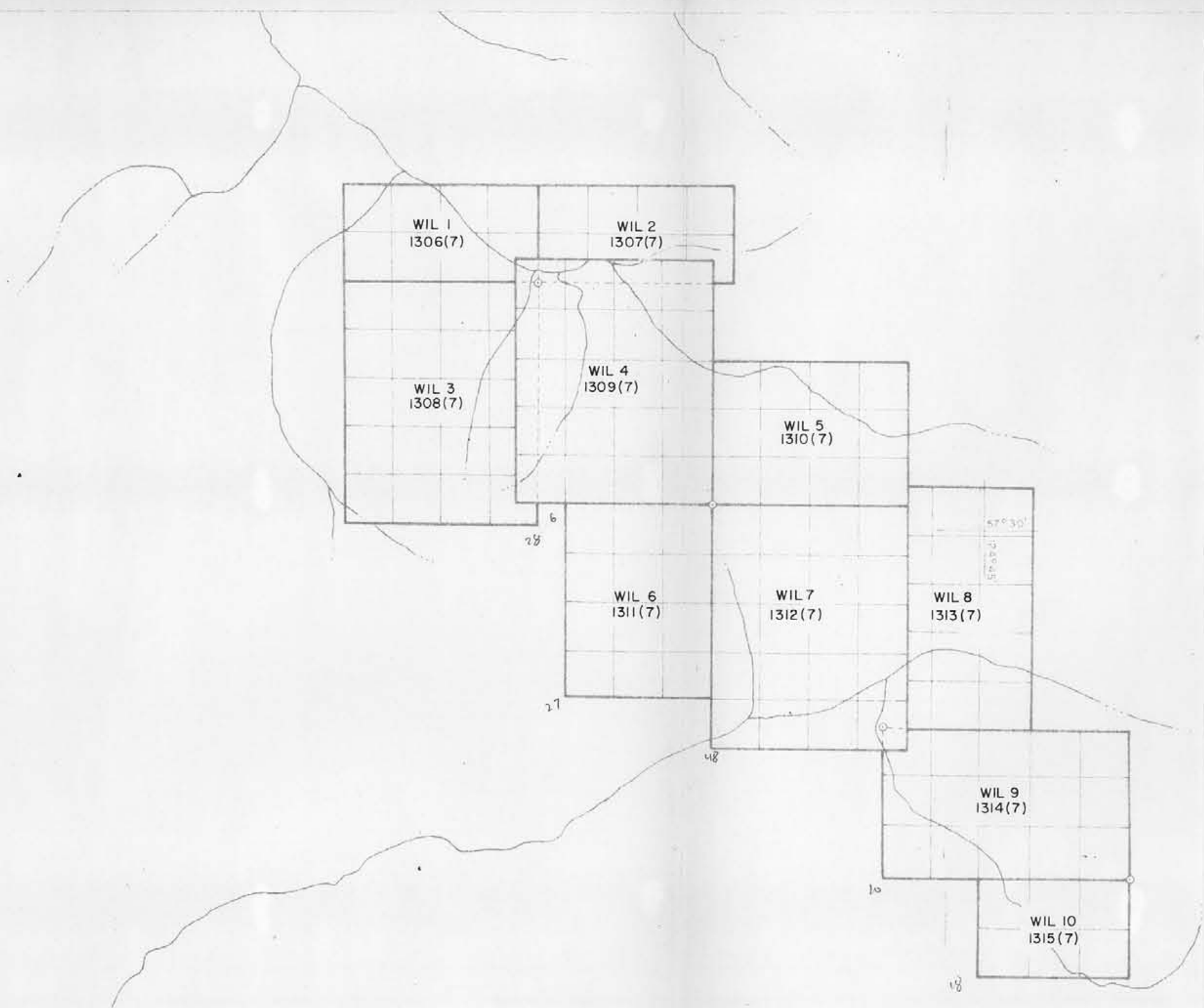
The area is mountainous. Elevations range between 1400 and 2300 m above sea level. Slopes are moderate to steep. Much of the claim block lies above tree line. Lower slopes and valley bottoms are covered in dense scrub.

4. HISTORY AND PREVIOUS WORK

None.

5. WORK PERFORMED IN 1978

The WIL claims (DWG. C-6554) were staked during a regional reconnaissance programme that included geological prospecting and stream silt sampling. The claims cover ground drained by creeks anomalously high in zinc. A geological map was made on a scale of 1:25,000. One hundred and seventy-one soil samples were taken, sample sites being 100 or 200 m apart, on sample lines every 1000 m.



NTS 94F7,10

SCALE 1:50,000



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WIL CLAIMS

CLAIM MAP

s. g.

MAR. 1979

DWG.
C-6554

6. PERSONS EMPLOYED

Field party chief C. Graf led a silt sampling team of six persons, and was responsible for the geological mapping and prospecting. 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 shales on the WIL claims are believed to be a southern extension of those in the Selwyn Basin (Yukon Territory and Mackenzie District, N.W.T.) where such shales contain important deposits of lead and zinc. These shales comprise part of a Paleozoic succession of shales, siltstones 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), Taylor (1979), and Graf (1979).

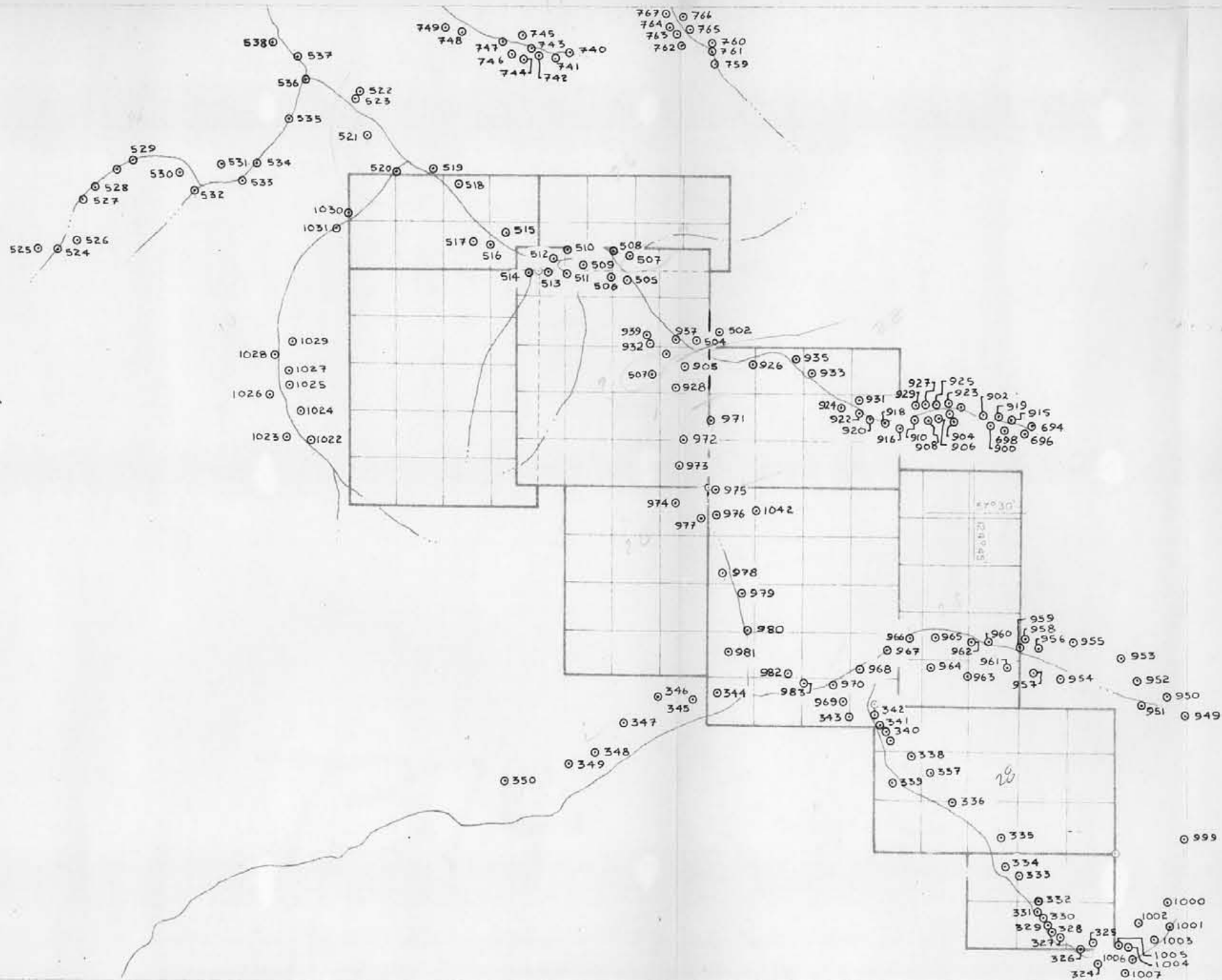
8. LOCAL GEOLOGY

The WIL claims are staked over part of an eastern belt of Devono-Mississippian shales. The shales occupy a NW-SE trending synclinal structure, flanked by Ordovician black shales and grey limestones. At least one major thrust fault has brought the older rocks up from the southwest. DWG. GC-8663 is a geological map of the WIL claims on a scale of 1:25,000.

9. GEOCHEMISTRY

Stream silt samples were taken from creeks draining the WIL claims. DWG. GC-6557 shows the location of sample sites, and the results are displayed in DWG. GC-6560. The claims were originally staked when high copper and zinc values were returned. Values in excess of 40 ppm Cu are considered to be anomalous and several samples contained more than 100 ppm Cu. Graf (1979) suggested the high copper values might reflect the proximity of thin volcanic units within nearby Road River rocks. Zinc values vary considerably but many are greater than 1000 ppm Zn and one returned 16,000 ppm Zn. Such zinc values are not considered to be significant. Only one silt sample in the area had anomalous lead (greater than 30 ppm Pb).

Locations and results of soil sampling are shown in DWG. GC-8663. Only one sample was anomalous in lead.



LEGEND

- 1026 Silt sample location & number
- All three digit numbers prefixed by 7810
- All four digit numbers prefixed by 781

N.T.S. 94 F 7, 10

SCALE 1:50,000



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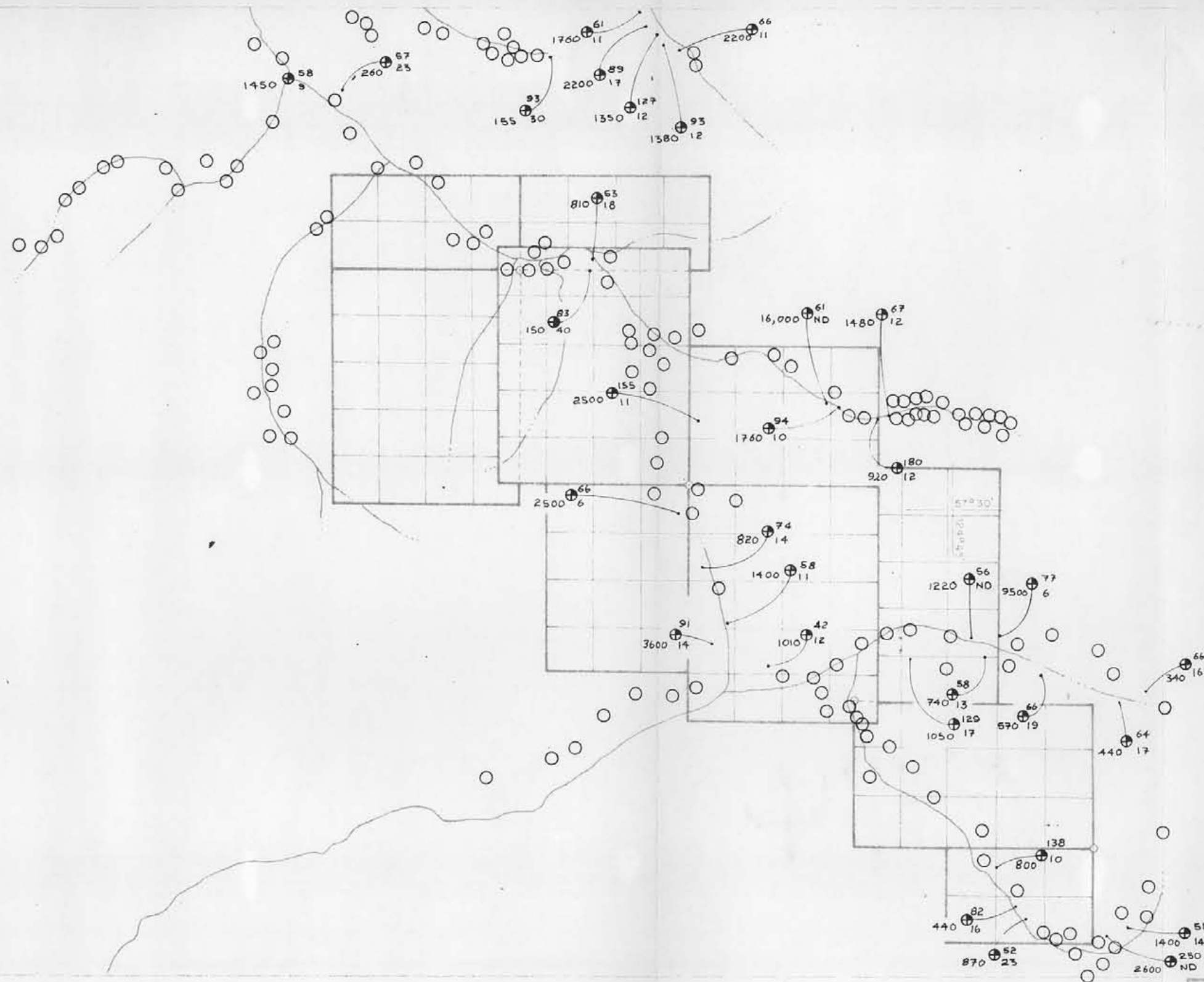
WIL CLAIMS

SILT SAMPLE LOCATIONS

s. g.

MAR. 1979

DWG
GC-6557



7374



LEGEND

- Silt sample location
- ⊕ Anomalous
- ⊕ ppm Cu
- ⊕ ppm Pb
- ⊕ ppm Zn

N.T.S. 94 F 7, 10

SCALE 1:50,000



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WIL CLAIMS

PPM Cu, Pb, Zn

s. g.

MAR. 1979

DWG.
GC-6560

10. RESULTS

Neither sulphide mineralization nor bedded barite is known from the WIL claims and soil geochemistry is not encouraging.

11. CONCLUSIONS

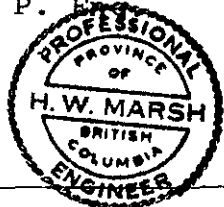
Results are discouraging. Background lead content in the shales is low and zinc is sporadic.

12. REFERENCES

- GABRIELSE, H., 1962: Geol. Surv. Can., Map 42-1962.
GABRIELSE, H., 1977: Geol. Surv. Can., O.F. 483.
GRAF, C., 1979: Riocanex Report
TAYLOR, G.C., 1979: Geol. Surv. Can., O.F. 606.
TAYLOR, G.C., and STOTT, D.F., 1973: Tuchodi Lakes Map-Area, British Columbia. Geol. Surv. Can., Mem. 373.


G. D. Hodgson


H. W. Marsh



VANCOUVER OFFICE

May 1979

10. RESULTS

Neither sulphide mineralization nor bedded barite is known from the WIL claims and soil geochemistry is not encouraging.

11. CONCLUSIONS

Results are discouraging. Background lead content in the shales is low and zinc is sporadic.

12. REFERENCES

- GABRIELSE, H., 1962: Geol. Surv. Can., Map 42-1962.
GABRIELSE, H., 1977: Geol. Surv. Can., O.F. 483.
GRAF, C., 1979: Riocanex Report
TAYLOR, G.C., 1979: Geol. Surv. Can., O.F. 606.
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G. D. Hodgson

H. W. Marsh P. Eng.

VANCOUVER OFFICE
May 1979

APPENDIX I
GEOCHEMICAL SAMPLE RESULTS

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Co	Pb	Zn		COMMENTS
1	7810290	20	12	225		
2	292	20	15	225		
3	296	14	10	270		
4	297	15	11	205		
5	298	18	12	115		
6	299	17	12	98		
7	301	18	12	165		
* 8	302	17	14	125		could be 294
9	303	35	17	1240		
10	304	10	8	40		
1	305	23	7	92		
2	SD	10	25	925		
3	306	22	13	96		
4	308	15	10	90		
5	309	15	8	56		
6	310	16	10	105		
7	311	25	12	90		
8	312	27	10	710		
9	313	12	5	175		
20	314	17	11	150		
1	315	17	10	168		
2	SEE BLANK	10	10	10		
3	317	40	17	800		
4	318	32	4	10700	°	
5	319	4	ND	27000	°	H. Fe
6	320	38	10	11400	°	
7	321	26	14	1070		
8	322	4	ND	11500	°	H. Fe
9	323	15	11	155		
30	324	30	17	660		✓
1	325	32	4	4000		✓
2	326	12	ND	20000	°	H. Fe
3	327	42	11	1850		✓
4	328	52	23	870		✓
5	329	36	10	690		✓
6	330	32	10	440		✓
7	331	32	14	145		✓
8	332	32	13	1040		✓
9	333	138	10	800		✓
40	7810334	31	10	225		✓

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	CO	Pb	Zn	COMMENTS
41	7810 335	39	12	390	✓
2	36	8	ND	270	H. Fe ✓
3	37	40	13	1000	✓
4	38	37	13	315	✓
5	39	22	12	780	✓
6	40	34	13	550	✓
7	41	24	7	1350	✓
8	42	36	10	700	✓
9	43	22	2	7,800	✓
50	44	35	12	680	✓
* 1	45	33	17	580	could be ✓ 245
2	#1 46	40	9	255	✓
3	STD 2	37	ND	290	
4	47	10	9	56	✓
5	48	30	11	950	✓
6	49	33	13	560	✓
7	7810 350	22	8	260	✓
8	7810 438	6	ND	39,000	H. Fe
9	39	* 124	19	1040	
60	40	7	ND	27,000	H. Fe
1	41	64	24	1020	
2	42	40	12	295	
3	BLANK	ND	ND	ND	
4	43	5	ND	4600	H. Fe
5	44	19	9	350	
6	45	* 97	17	2400	
7	46	12	ND	3,900	H. Fe
8	47	37	20	1020	
9	48	38	15	1030	
70	49	42	20	650	
1	50	28	14	260	
2	51	27	13	520	
3	52	27	10	200	
4	53	37	18	600	
5	54	64	15	1500	
6	55	25	10	1370	
7	56	24	11	420	
8	57	36	18	220	
9	58	63	14	2,200	
80	7810 459	61	17	355	

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
1	7810490	19	16	140					
2	91	32	15	225					
3	92	32	16	220					
4	93	31	14	320					
5	94	19	17	540					
6	95	28	13	285					
7	96	36	15	230					
8	97	24	13	175					
9	98	36	14	190					
10	99	22	13	115					
1	500	27	15	120					
2	STD 2	32	17	270					
3	01	22	14	180					
4	02	38	ND	8,000					11.4%
5	03	44	5	4,800					
6	04	26	4	290					✓
7	05	36	8	225					✓
8	06	33	40	150					✓
9	07	38	11	1150					✓
20	08	53	18	810					
1	09	26	10	345					✓
2	BLANK	ND	ND	ND					
3	10	37	ND	7,500					11.4%
4	11	41	13	490					✓
5	12	20	ND	3,300					11.4%
6	13	47	13	2,200					✓
7	14	39	11	1030					✓
8	15	5	ND	8,000					11.4%
9	16	30	10	570					✓
30	17	44	11	2,000					✓
1	18	39	12	350					✓
2	19	36	10	415					✓
3	20	40	9	740					✓
4	21	28	10	560					✓
5	22	57	23	260					✓
6	23	6	ND	13,000					11.4%
7	24	70	13	1000					✓
8	24B	38	15	360					✓
9	25	48	12	600					✓
40	7810526	36	7	330					✓

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
41	7810527	33	7	305				
2	528	28	8	260				✓
3	529	26	10	152				✓
4	530	31	7	310				✓
5	531	6	ND	1850				11.4
6	532	41	12	1650				✓
7	533	41	9	1300				✓
8	534	27 27	8	445				✓
9	535	57	9	790				✓
60	536	58	9	1450				✓
1	537	7	ND	1230				11.4
2	538	38	14	680				✓
3	STD 3	44	4	58				
4	539	25	7	610				
5	540	27	10	390				
6	645	33	16	425				
7	46	33	17	445				
8	47	43	27	790				
9	48	34	19	700				
60	49	11	12	26,000				
1	50	31	10	860				
2	51	58	20	1700				
3	BLANK	ND	ND	ND				
4	52	30	11	630				
5	53	17	8	68				
6	54	20	13	88				
7	55	19	10	72				
8	56	17	12	100				
9	57	12	10	75				
70	58	12	10	42				
1	59	14	12	62				
2	60	14	10	68				
3	61	13	8	52				
4	62	14	10	60				
5	63	12	9	52				
6	64	12	8	50				
7	65	21	13	66				
8	66	9	9	54				
9	67	8	8	52				
60	7810 668	10	8	60				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
81	7810669	18	10	70					
2	70	15	7	72					
3	71	13	12	84					
4	72	7	7	64					
5	73	30	14	152					
6	74	23	11	190					
7	75	36	14	230					
8	76	28	15	175					
9	77	25	11	155					
90	78	23	33	550					
1	79	52	14	760					
2	80	13	9	270					
3	81	21	50	1040					
4	STD	19	33	910					
5	82	26	19	1750					
6	83	23	15	640					
7	84	19	15	820					
8	85	29	12	760					
9	86	13	8	105					
100	87	23	18	265					
1	88	15	11	330					
2	89	58	15	430					
3	90	23	27	880					
4	BLANK	14	14	100					
5	91	26	15	172					
6	92	11	8	78					
7	93	20	15	195					
8	94	24	13	350					✓
9	95	16	15	335					
110	96	24	8	178					✓
1	97	17	10	195					
2	698	33	8	315					✓
3	931	25	10	450					✓
4	32	25	7	385					✓
5	33	50	10	430					✓
6	34	47	17	410					
7	35	23	9	435					✓
8	36	67	23	500					
9	37	100	12	380					✓
120	7810938	46	17	415					

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn						COMMENTS
41	7810579	23	14	285						
2	580	39	37	1150						
3	581	75	72	980						
4	582	66	71	3300						
5	583	25	35	1330						
6	584	160	11	870						
7	585	28	16	335						
8	586	27	13	640						
9	587	17	11	165						
50	588	19	14	195						
1	589	30	17	870						
2	590	50	26	840						
3	sto 2	5	565	250						
4	591	17	22	455						
5	592	17	13	270						
6	593	26	8	530						
7	594	35	10	600						
8	595	42	14	285						
9	596	37	10	240						
60	597	40	10	345						
1	598	23	11	260						
2	599	17	9	200						
3	BLANK	10	10	10						
4	740	93	30	155						✓
5	741	46	18	135						✓
6	742	49	15	165						✓
7	743	25	18	82						✓
8	744	50	12	130						✓
9	745	41	14	310						✓
70	746	48	15	315						✓
1	747	56	16	425						✓
2	748	47	14	350						✓
3	749	24	11	305						✓
4	750	76	23	620						
5	751	35	11	105						
6	752	43	13	400						
7	753	43	13	530						
8	754	36	11	470						
9	755	42	13	530						
80	7810756	22	7	335						

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
81	7810757	42	13	490				
2	758	27	8	550				
3	759	49	10	600				✓
4	760	46	10	630				✓
5	761	66	11	2200				✓
6	762	93	12	1380				✓
7	763	127	12	1350				✓
8	764	89	17	2200				✓
9	765	119	18	280				✓
90	766	59	20	335				✓
1	767	61	11	1700				✓
2	768	63	10	1020				
3	769	47	12	1180				
4	STD 3	57	6.69	54				
5	770	65	17	1430				
6	771	69	10	2000				
7	772	32	9	1360				
8	773	67	9	1680				
9	774	59	10	1180				
100	775	30	7.3	800				
1	776	48	15	1520				
2	777	73	12	1430				
3	778	92	13	240				
4	BLANK	100	1.7	100				
5	779	52	11	1350				
6	780	79	13	1030				
7	781	32	9	530				
8	782	52	11	2000				
9	783	75	10	2500				
110	784	37	8	1320				
1	785	12	4	250				
2	786	36	12	235				
3	787	30	8	670				
4	788	29	8	780				
5	789	25	8	190				
6	790	30	10	425				
7	791	36	8	540				
8	792	22	2	560				
9	793	45	7	1130				
120	7810794	49	10	750				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Co	Pb	Zn				COMMENTS
* 41	7810738	30	13	600				338? 339? 231
2	739	19	7	265				
3	900	39	13	535				
4	901	10	6	142				
5	902	17	11	325				✓
6	904	27	13	470				✓
7	905	13	11	68				✓
8	906	55	10	420				✓
9	907	19	10	66				
50	908	48	12	740				✓
1	909	11	8	60				
2	910	33	9	690				✓
3	STD 2	33	375	290				
4	911	8	1	42				
5	912	28	10	740				
6	913	9	4	55				
7	914	67	12	1480				
8	915	35	10	320				✓
9	916	180	12	920				✓
60	917	39	11	440				
1	918	75	9	1000				✓
2	919	17	8	275				✓
3	BLANK	ND	ND	ND				
4	920	38	14	1070				✓
5	921	33	13	95				
6	922	94	10	1760				✓
7	923	7	3	72				
8	924	61	ND	1600				lit. Fe
9	925	15	8	220				✓
70	926	32	11	275				
1	927	13	6	325				
2	928	46	3	2100				
3	929	33	12	430				✓
4	930	8	ND	4700				lit. Fe
5	351	65	16	1330				
6	352	33	17	530				
7	353	50	17	1280				
8	354	32	15	1150				
9	355	45	16	810				
80	7810356	57	18	1860				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
81	7810669	18	10	70				
2	70	15	9	72				
3	71	13	12	84				
4	72	7	7	64				
5	73	30	14	152				
6	74	23	11	190				
7	75	36	14	230				
8	76	28	15	175				
9	77	25	11	155				
90	78	33	33	550				
1	79	32	14	760				
2	80	13	9	270				
3	81	21	50	1040				
4	STD 1	14	28	910				
5	82	26	19	1750				
6	83	23	15	640				
7	84	19	15	820				
8	85	29	12	760				
9	86	13	8	105				
100	87	23	18	265				
1	88	15	11	320				
2	89	53	15	430				
3	90	23	27	880				
4	BLANK	ND	ND	ND				
5	91	26	15	172				
6	92	11	8	72				
7	93	20	15	195				
8	94	24	13	350				
9	95	16	15	235				
110	96	24	8	172				
1	97	17	10	125				
2	698	53	8	315				
3	931	25	10	450				✓
4	32	25	7	285				✓
5	33	50	16	430				✓
6	34	47	17	410				
7	35	23	9	435				
8	36	67	23	500				
9	37	100	12	320				
120	7810938	40	17	415				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
81	7810 899	19	10	410					
2	949	37	10	510					✓
3	950	66	16	340					
4	951	64	17	440					✓
5	952	18	5	8600					✓
6	953	5	ND	3500					H.C. Fe ✓
7	954	61	19	570					✓
8	955	32	13	390					✓
9	956	18	ND	6300					H.C. Fe ✓
90	957	27	13	200					✓
1	958	8	ND	7500					H.C. Fe ✓
2	959	77	6	9500					✓
3	960	56	ND	1220					H.C. Fe ✓
4	STD 1	11	27	930					
5	961	55	13	740					✓
6	962	5	ND	3100					H.C. Fe ✓
7	963	46	15	290					✓
8	964	129	17	1050					✓
9	965	5	ND	1900					H.C. Fe ✓
100	966	32	13	480					✓
1	967	30	11	205					✓
2	968	67	17	1200					✓
3	969	54	13	910					✓
4	BLANK	ND	ND	100					
5	970	118	10	980					✓
6	971	155	11	2500					✓
7	972	43	10	1130					✓
8	973	45	7	1300					✓
9	974	40	21	1000					✓
110	975	38	9	910					✓
1	976	55	1	1060					✓
2	977	61	6	2500					✓
3	978	74	14	820					✓
4	979	27	1	450					✓
5	980	58	11	1400					✓
6	981	91	14	3600					✓
7	982	20	8	570					✓
8	983	17	ND	8900					✓
9	984	32	18	345					✓
120	7810 985	57	8	580					

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn						COMMENTS
121	7810 986	21	9	125						
2	0987	31	6	510						
3	0988	49	12	3100						
4	0989	50	15	710						
5	0990	30	11	225						
6	0991	24	8	250						
7	0992	48	13	1320						
8	0993	56	16	315						
9	0994	18	5	700						
130	0995	58	14	1020						
1	0996	27	17	210						
2	0997	33	6	4900						
3	0998	30	11	300						
4	0999	47	24	315						
5	STO 2	33	30	260						
6	1000	47	15	340						
7	001	14	ND	5300	5300					NR. Fe
8	002	39	13	1380						
9	003	51	14	1400						
140	004	37	13	162						
1	005	250	ND	2600						H. Fe
2	006	23	14	138						
3	007	32	14	435						
4	008	31	23	750						
5	BLANK	ND	ND	ND						
6	009	27	21	1680						
7	010	36	37	1010						
8	011	36	44	1150						
9	012	21	15	355						
150	7811 013	26	30	760						
1	7810 975	14	7	17						
2	0839	53	20	670						
3	0853	55	16	550						
4	0866	10	ND	2400						H. Fe
5	0882	58	16	1260						
6	0949	38	16	520						
7	0967	29	11	210						
8	0981	92	16	3500						
9	0990	30	11	225						
160	7811 004	58	13	160						

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
1	7811014	25	17	510					
2	015	24	65	2400					
3	016	19	28	1180					
4	017	25	21	910					
5	018	37	22	320					
6	019	28	11	155					
7	020	42	14	440					
8	021	4	ND	8200					11. Fe
9	022	37	8	300					✓
10	023	27	10	570					✓
1	024	24	6	200					✓
2	STO 3	46	4	56					✓
3	025	37	10	360					✓
4	026	50	11	1500					✓
5	027	12	ND	1130					11. Fe
6	028	33	7	560					✓
7	029	26	12	440					✓
8	030	37	9	610					✓
9	031	34	15	160					✓
20	032	96	19	920					
1	033	19	12	78					
2	BLANK	ND	ND	ND					
3	034	13	12	36					
4	035	33	12	550					
5	036	25	18	94					
6	037	20	12	154					
7	038	75	12	780					
8	039	9	59	4000					
9	040	21	42	135					
30	041	24	35	162					
1	042	15	8	34					
2	100	36	9	590					
3	101	33	8	240					
4	102	23	10	310					
5	103	29	12	335					
6	104	39	20	295					
7	105	32	17	320					
8	106	27	8	480					
9	107	29	7	540					
40	7811108	28	9	560					

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
1	7865001	93	20	960				
2	002	14	13	80				
3	003	10	1	2800				
4	004	9	6	78				
5	005	22	28	90				
6	006	20	13	82				
7	007	19	18	86				
8	008	7	5	32				
9	009	12	13	40				
10	010	16	20	60				
1	011	16	15	52				
2	STD	15	28	940				
3	012	14	12	50				
4	013	17	22	48				
5	014	15	14	68				
6	015	48	33	455				
7	016	26	16	24				
8	017	7	3	22				
9	018	3	2	10				
20	019	47	12	750				
1	020	9	7	38				
2	BLANK	ND	ND	ND				
3	021	7	3	24				
4	022	12	9	96				
5	023	6	1	16				
6	024	3	1	12				
7	025	3	2	10				
8	026	12	7	16				
9	027	8	8	24				
30	028	27	11	24				
1	029	11	16	34				
2	030	20	13	38				
3	031	9	8	24				
4	032	46	18	420				
5	033	62	18	570				
6	034	7	8	26				
7	035	6	8	22				
8	036	6	3	20				
9	037	7	ND	590				
40	038	11	5	78				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn				COMMENTS
1	7865039	6	2	26				
2	040	3	ND	12				
3	041	3	ND	10				
4	042	5	1	16				
5	043	6	8	8				
6	044	3	ND	8				
7	045	5	24	14				
8	046	6	9	24				
9	047	39	22	172				
60	048	15	20	28				
1	049	20	16	70				
2	050	3	3	12				
3	STD 2	32	355	265				
4	051	9	3	8				
5	052	8	4	8				
6	053	2	3	10				
7	054	1	3	6				
8	055	4	2	16				
9	056	2	1	8				
60	057	28	16	335 335				
1	058	15	4	28				
2	059	14	10	66				
3	BLANK	ND	ND	ND				
4	060	48	20	138				
5	061	11	4	40				
6	062	13	3	40				
7	063	9	6	50				
8	7865100	21	7	730				
9	101	34	14	365				
70	102	18	4	96				
1	103	15	5	54				
2	104	4	3	8				
3	105	5	2	5				
4	106	12	10	16				
5	107	4	11	12				
6	108	8	8	14				
7	109	19	9	18				
8	110	6	11	16				
9	111	15	6	16				
80	112	13	23	10				

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
8	1	7865	113	25	7	870			
	2		114	30	7	950			
	3		115	28	8	860			
	4		116	15	18	36			
	5		117	12	5	6			
	6		118	20	26	30			
	7		119	10	17	16			
	8		120	92	13	680			
	9		121	18	22	154			
9	0		122	40	1	275			
	1		123	4	3	18			
	2		124	3	2	20			
	3		125	31	9	295			
	4		STD 3	35	3	55			
	5		126	35	9	355			
	6		127	26	12	190			
	7		128	24	11	195			
	8		129	13	20	28			
	9		130	17	24	94			
10	0		131	84	21	1070			
	1		132	50	11	50			
	2		133	19	26	7			
	3		134	14	20	66			
	4		BLANK	ND	ND	ND			
	5		135	13	18	72			
	6		7865 201	10	7	80			
	7		202	6	5	24			
	8		203	8	3	36			
	9		204	9	3	22			
11	0		205	5	1	24			
	1		206	9	1	40			
	2		207	11	14	32			
	3		208	3	11	10			
	4		209	33	13	122			
	5		210	7	ND	2600			
	6		211	4	12	24			
	7		212	4	6	8			
	8		213	5	11	16			
	9		214	7	3	24			
12	0		215	18	11	430			

RIO TINTO CANADIAN EXPLORATION LIMITED

LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
12	7865 216	34	12	780					
2	217	5	4	255					
3	218	38	9	370					
4	219	10	6	96					
5	220	18	9	86					
6	221	9	13	72					
7	222	7	4	82					
8	223	40	18	250					
9	224	66	77	355					
13	0 225	10	15	48					
1	226	15	9	48					
2	227	46	14	96					
3	228	7	13	36					
4	229	13	11	50					
5	STD 1	15	25	940					
6	230	7	7	34					
7	231	46	24	3000					
8	232	9	9	60					
9	233	12	14	46					
14	0 234	14	15	52					
1	235	27	14	460					
2	236	111	19	1320					
3	237	119	18	4000					
4	238	25	20	150					
5	BLANK	ND	ND	ND					
6	7865 300	9	13	66					
7	301	6	3	26					
8	302	7	16	130					
9	303	11	21	240					
15	0 304	4	4	16					
1	305	3	6	20					
2	306	3	6	18					
3	307	3	4	18					
4	308	3	4	16					
5	309	5	17	54					
6	310	6	13	54					
7	311	5	20	56					
8	312	7	13	26					
9	313	8	21	32					
16	0 314	21	43	54					

RIO TINTO CANADIAN EXPLORATION LIMITED
LABORATORY REPORT

PARTS PER MILLION

LAB NO.	SAMPLE NO. (NMBR)	Cu	Pb	Zn					COMMENTS
161	7865315	16	18	54					
2	316	20	7	110					
3	317	9	19	56					
4	318	173	ND	2800					
5	319	88	16	970					
6	320-X	90	12	930					
7	320-Y	16	9	180					
8	321	26	26	86					
9	322	18	13	86					
170	323	53	15	138					
1	324	57	4	65					
2	325	14	ND	620					
3	326	12	33	64					
4	327	4	5	14					
5	328	23	9	136					
6	STD 2	32	360	265					
7	329	3	8	18					
8	330	17	4	24					
9	331	19	7	26					
180	332	13	4	26					
1	333	11	17	4					
2	334	8	16	22					
3	335	17	25	85					
4	7865008	8	6	34					
5	019	49	12	800					
6	BLANK	ND	ND	ND					
7	039	6	20	25					
8	049	21	16	72					
9	060	49	21	140					
190	114	30	9	930					
1	130	17	24	94					
2	226	16	9	52					
3	236	111	19	1320					
4	315	16	15	55					
5	333	11	17	8					
6									
7									
8									
9									
200									

APPENDIX II
COST STATEMENT

COST STATEMENT

B.C. SIKANNI AREA PROJECTS
GEOLOGICAL, GEOCHEMICAL, & PROSPECTING
9 MAY THROUGH 31 OCTOBER 1978

GENERAL COSTS

FOOD & ACCOMMODATION

9 Persons, 9 May-18 Sep, 765 Man Days \$12,751.00
@ \$16.67/Man Day

RIOCANEX EQUIPMENT

765 Man Days @ \$3/Day 2,295.00

FIXED WING, DHC II,

10 May - 16 Sep @ \$1.75/Mile 24,968.00

HELICOPTERS, 206B

9 May - 24 Sep @ \$315/Hour 94,857.00

SUPPLIES

765 Man Days @ \$5.45/Man Day 4,173.00

FUEL, CAMP & HELICOPTERS

10,737.00

REPAIRS TO RIOCANEX EQUIPMENT

209.00

EXPEDITING SERVICES

9 May - 16 Sep, 130 Days @ \$13.88/Day 1,804.00

REPORT PREPARATION

1,235.00

GENERAL COSTS TOTAL

\$153,029.00

Cost Statement Cont'd

PROSPECTING

GENERAL COSTS

@ 32/765 \$ 6,401.00

SALARIES & WAGES

9 Persons 32 Man Days @ \$31.65/Man Day 1,012.80

BENEFITS

@ 25% of Above 253.20

ASSAYS

Riocanex Lab, 1 Rock Cu/Pb/Zn @ \$4.70	4.70	
Bondar-Clegg, 32 element Scan XRF	25.00	
13 Rocks, Ag/Cu/Pb/Zn @ \$20.50	266.50	
1 Rock, BA @ \$9.50	9.50	
1 Rock, Pb/Zn @ \$11.00	11.00	
1 Rock, Au @ \$8.50	8.50	325.00

PROSPECTING TOTAL \$7,992.20

Cost Statement Cont'd

GEOCHEMICAL

GENERAL COSTS

@ 561/765 \$112,221.36

SALARIES & WAGES

9 Persons, 561 Man Days 17,755.65
@ \$31.65/Man Day

BENEFITS

@ 25% of Above 4,438.91

GEOCHEMICAL ANALYSIS

Riocanex Lab, 3003 Soils, \$10,360.35

Cu/Pb/Zn @ \$3.45

Chemex Lab, 310 Soils, BA 930.00

@ \$3.00

Geochemical Supplies 822.00

Shipment of Samples Via C.P. Air 314.06 12,426.41

GEOCHEMICAL TOTAL

\$146,842.23

Cost Statement Cont'd

GEOLOGICAL

GENERAL COSTS

@ 64/765 \$12,802.42

SALARIES & WAGES

9 Persons, 64 Man Days @ \$31.65/Man Day 2,025.60

BENEFITS

@ 25% of Above 506.40

GEOLOGICAL TOTAL \$15,334.42

STAKING

GENERAL COSTS

@ 108/765 \$21,604.08

SALARIES & WAGES

9 Persons, 108 Man Days @ \$31.65 3,418.20

BENEFITS

@ 25% of Above 854.55

STAKING TOTAL \$25,876.83

GRAND TOTAL \$196,045.68

APPENDIX III
CERTIFICATE

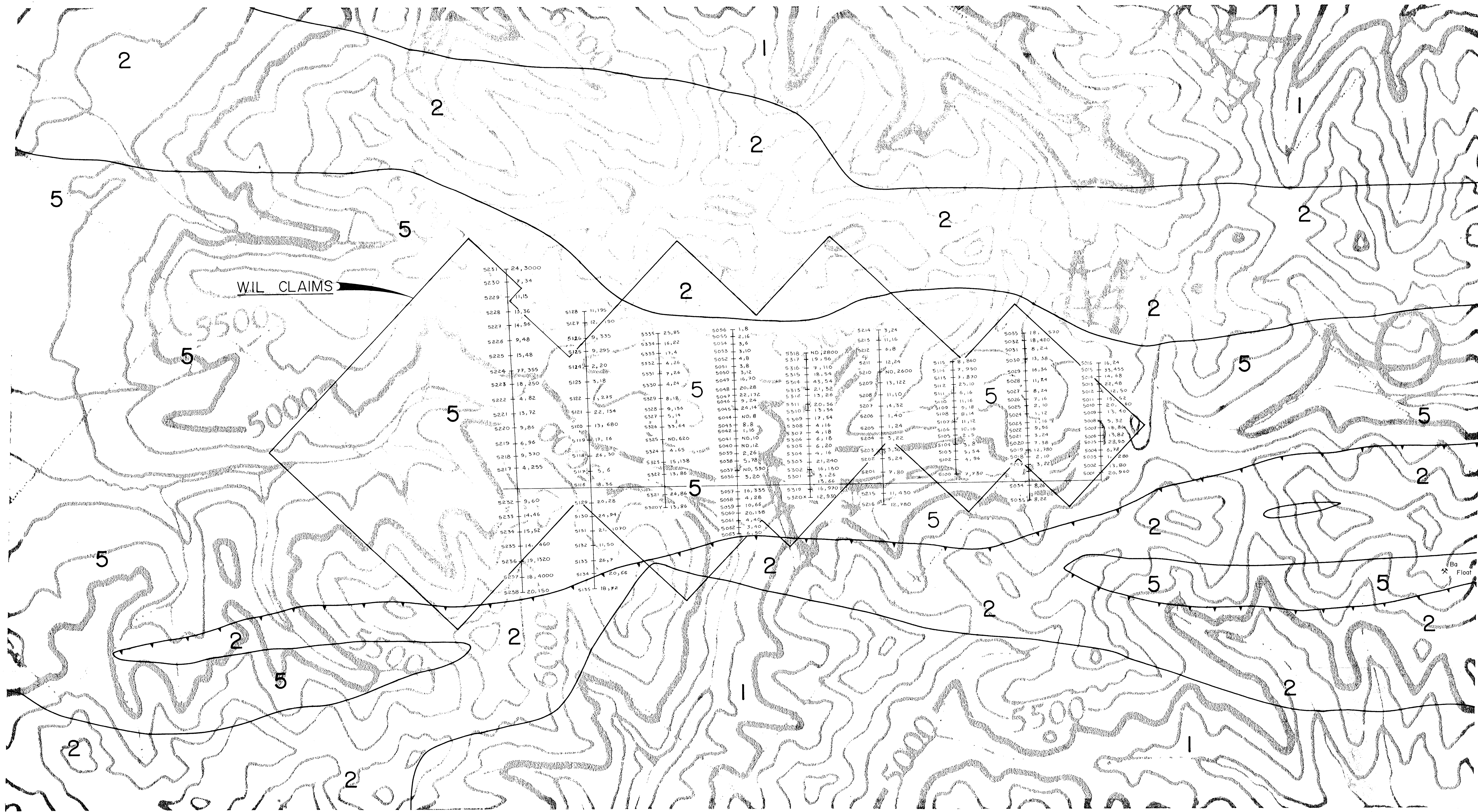
CERTIFICATE

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 Limited.

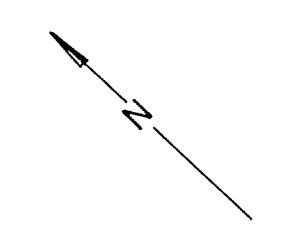
Respectfully submitted,

G. D. Hodgson



7374

Handwritten signature



- 5 Devonian - Mississippian shale
- 4 Upper Devonian limestone
- 3 Silurian siltstone
- 2 Road River shales
- 1 Ordovician Kechika Group shales

Soil Sample Number
 25, 86
 ppm Pb, ppm Zn
 All sample numbers prefixed by 786

- Thrust fault
- Geological contact
- Outline of claim boundaries

N.T.S. 94 F 7,10
 SCALE 1:25,000
 500 0 500 1000 1500 2000 Metres

RIO TINTO CANADIAN EXPLORATION LIMITED		
WIL CLAIMS		
GEOLOGY, SOIL SAMPLE LOCATIONS & ppm Pb, Zn		
C.G./y.m.	MAR. 1979	DWG GC - 8663