

AYLWIN CREEK PROJECT

Ayl, Ent, Rockland, Rush, Rustler
Silver Band, Willa Claims

Prospecting, Road Construction

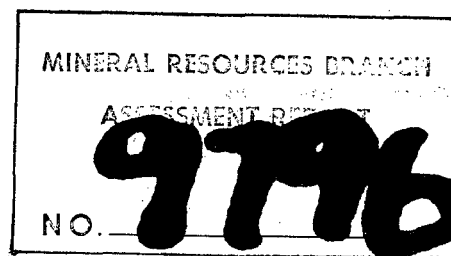
1981

Slocan Mining Division, B.C.

N.T.S. 82 F 14

November, 1981

L. Haynes



AYLWIN CREEK PROJECT

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Silver Band, Willa Claims

Slocan Mining Division, B.C.

N.T.S. 82 F 14

November, 1981

L. Haynes

<u>CLAIMS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Ayl 1 (4 units)	1271	29 June 1989
Ayl 2 (6 units)	1272	29 June 1989
Ent 3 (16 units)	1295	10 July 1990
Rockland (1 unit)	18213	3 January 1990
Rush (20 units)	1263	26 June 1989
Rustler (1 unit)	18214	3 January 1990
Silver Band (1 unit)	1262	26 June 1990
Willa (1 unit)	18212	3 January 1990

Location: 49°53'N, 117°22'W
 Owner: P. Leontowicz, W.C. Wingert
 Operator: Riocanex Inc.
 Work Performed: May 11 to September 13, 1981

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AYLWIN CREEK PROJECT

BP Minerals - Riocanex Joint Venture

Slocan Mining District, B.C.

Prospecting, Road Construction

1. INTRODUCTION

This report deals with work on the Aylwin Creek project, a joint venture of BP Minerals Ltd. and Riocanex Inc., to explore claims on Aylwin Creek on the east side of Slocan Lake, B.C. Riocanex is operator of the joint venture. During 1980 an extensive programme of mapping, litho geochemistry and drilling was completed.

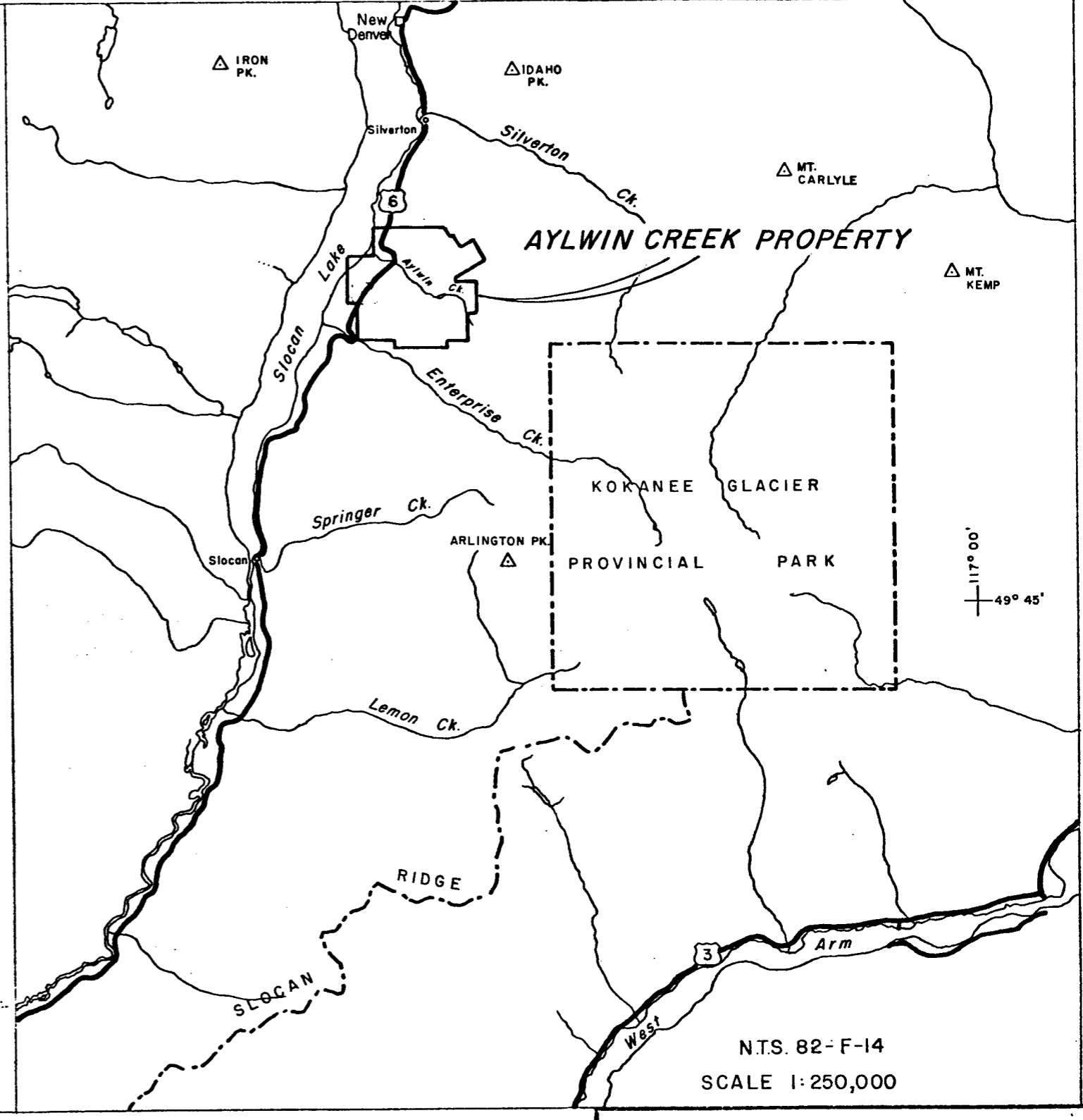
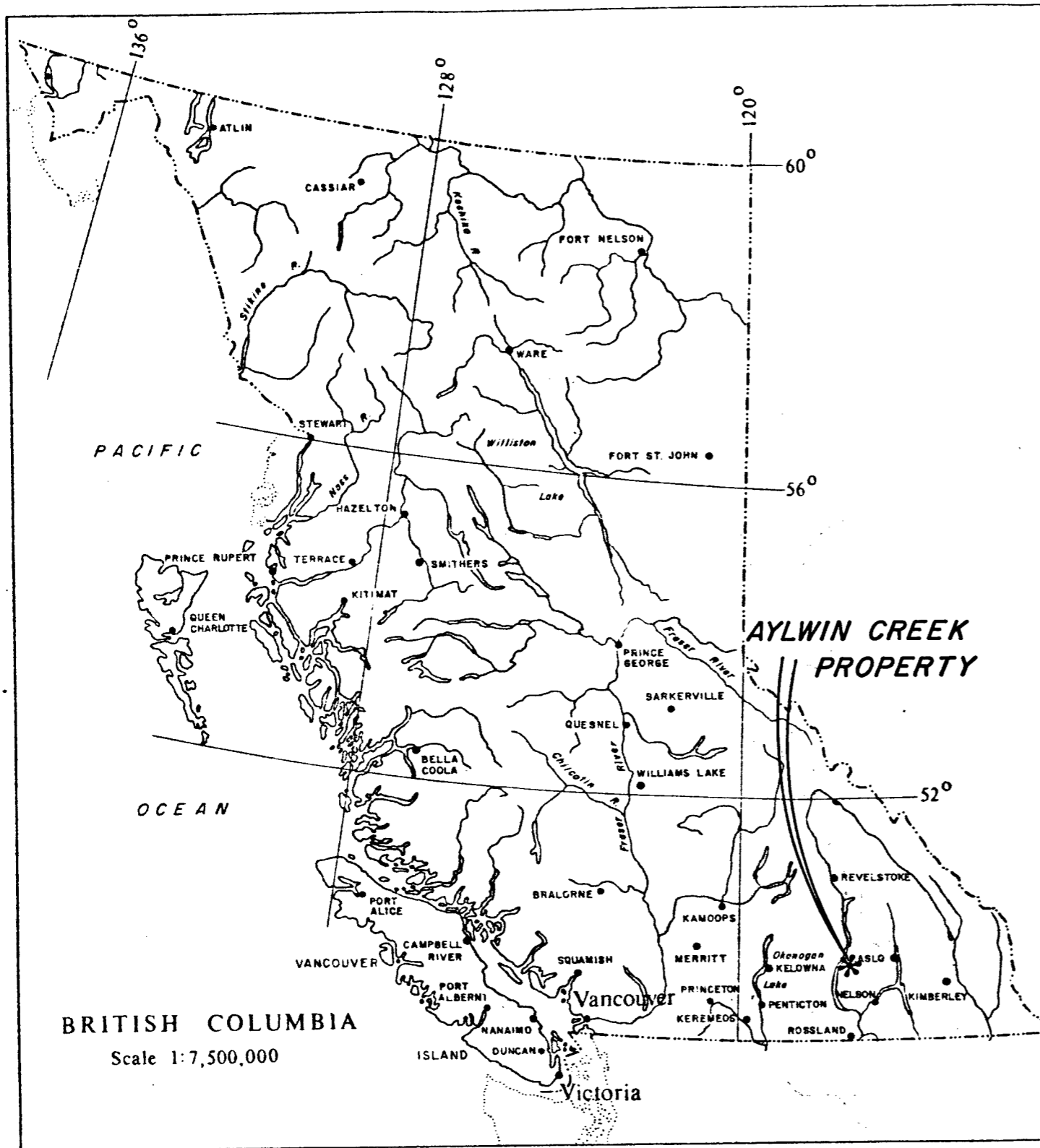
In the period May 11 to September 13, 1981 diamond drilling continued. As well 800 metres of new road construction was completed. Mapping and prospecting was carried out along the new road cuts. Results of this work is discussed in the following report.

1.1 Location and Access

The Aylwin Creek property comprising claims staked and held under option by Riocanex and claims staked by BP Minerals, is centered on the junction of Aylwin and Wild Creeks on the eastern side of Slocan Lake about 8km south and 1km west of Silverton, in the Slocan Mining District. The property is within N.T.S. sheet 82-F-14 and is centered at $49^{\circ}53'N$ and $117^{\circ}22'W$ (Dwg. L-6686).

Access to the property is by road. Highway 6 passes along the northwest side of the claims group, and an all weather gravel road (Red Mountain Road) extends northeasterly from the highway through parts of the claim group to Silverton. A drill access road, northeast from Highway 6, extends 1.6km to the old workings at the centre of the claim group.

Relief on the property is quite high, elevations ranging from 825 metres at Highway 6, to 1810 metres at Aylwin Lake, and 2442m at the highest point on the ridge southeast of the lake. Slopes are generally thickly forested, though undergrowth is only locally heavy. Slopes of 35 degrees or more are common.



RIO TINTO CANADIAN EXPLORATION LTD.		
RIOCANEX - BP AYLWIN CREEK JOINT VENTURE		
LOCATION MAP		
DATE NOV. 1981	DRAWN BY DCD/dag	DWG. L 6686

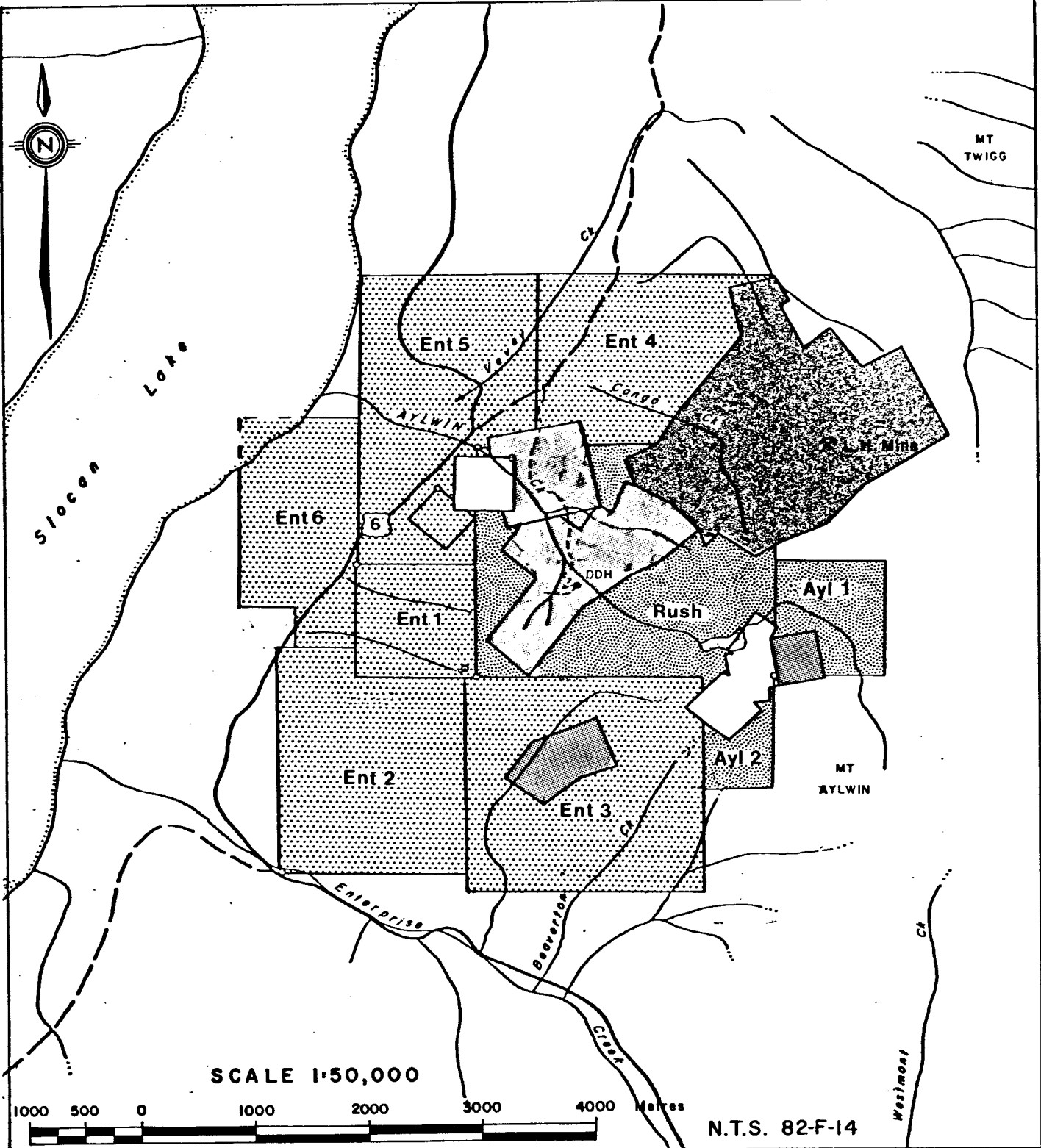
1.2 Property and Claim Status

The property covers about 2,200 hectares with the claims forming a block approximately 5 x 5km. It is held for the joint venture by Riocanex and comprises; (Dwg. C-6687).






- i. ten reverted crown grants and five located claims, held under terms of an option agreement dated 28 June 1979, between W.C. Wingert and P. Leontowicz, and Riocanex,
- ii. three claims with a total of 30 units, staked by BP Minerals in June 1979, and
- iii. six claims, covering 60 units, staked by Riocanex in June 1979.

Details of the claims are covered in Table I.

Several crown grants and small claims held by other parties exist within the claims block. These were not being worked in 1980. A larger block protruding into the joint venture's holdings and adjoining the optioned reverted crown grants is held by Andaurex Resources Ltd. and is being explored. Attempts to option this block or part of it in 1980 met with no success.



LEGEND

-  Riocanex Claims
 -  BP Claims
 -  Optioned Claims
 -  Stinson Claims
 -  Others
- } Joint Venture

RIO TINTO CANADIAN EXPLORATION LTD.

RIOCANEX - BP AYLWIN CREEK JOINT VENTURE

CLAIM MAP

DATE
NOV. 1981

DRAWN BY
DCD/dag

DWG.
C 6687

TABLE I

Claim Status

i. Held subject to Agreement dated 28 June 1979 between Riocanex and P. Leontowicz and W.C. Wingert.

a. Reverted Crown Grant Mineral Claims

<u>CLAIM</u>	<u>LOT NO.</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Willa*	L 1529	18212	3 Jan. 1990
Rockland*	L 3883	18213	3 Jan. 1990
Rustler*	L 3885	18214	3 Jan. 1990
Trenton	L 5232	1260	26 Jun. 1991
Last Chance II	L 5233	1261	26 Jun. 1991
Silver Band*	L 5878	1262	26 Jun. 1990
Little Daisy	L 7302	327	4 Jan. 1991
Golden	L 7303	1222	18 May 1990
Golden Fr.	L 7307	1224	18 May 1990
Idler	L 7304	1223	18 May 1990

b. Located Claims (2 Post)

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Ayl 7	1	1312	11 Jul. 1991
Leona 7	1	1321	28 Jun. 1991
Leona 8	1	1322	28 Jun. 1991
Leona 9	1	1323	28 Jun. 1991
Leona 10	1	1324	28 Jun. 1991

ii. Staked by BP Minerals

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Ayl 1*	4	1271	29 Jun. 1989
Ayl 2*	6	1272	29 Jun. 1989
Rush*	20	1263	29 Jun. 1989

iii. a. Staked by Riocanex and subject to agreement with P. Leontowicz et al.

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Ent 1	4	1294	10 Jul. 1990
Ent 2	12	1313	11 Jul. 1990
Ent 3*	16	1295	10 Jul. 1990

b. Staked by Riocanex

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>
Ent 4	12	1296	10 Jul. 1990
Ent 5	20	1970	30 May 1990
Ent 6	8	1971	30 May 1990

* Claims covered by this report.

1.3 History and Previous Work

The original crown grants were staked at Aylwin Creek in the 1880's by prospectors in search of gold and copper. The Willa, Little Daisy, and Rockland tunnels were driven during the next few decades. Little ore was discovered and there was no production. In 1965 Cominco drilled four short holes in the Willa Zone. In 1969-1970 the Rockland Mining Company conducted a programme of soil geochemistry, geologic mapping and diamond drilling. The twelve holes drilled encountered interesting copper-gold mineralization near the Willa tunnels, but grades were too low for the metal prices at that time. Minor molybdenum values were also noted.

J.R. Woodcock Consultants Ltd., on behalf of Riocanex, conducted in 1979 a reconnaissance mapping and litho-geochemical sampling programme in search of a deep porphyry molybdenum target. Coincident Cu, Mo, W and F geochemical anomalies, and a favourable geological environment compelled Riocanex to option the old crown grants and begin staking. Concurrently, reconnaissance work by BP Minerals caused them to stake in the same area, in pursuit of a similar target.

Based on the results of the 1979 reconnaissance work, a programme of mapping, rock geochemical sampling, and diamond drilling was carried out during 1980. Results of this programme are contained in an earlier assessment report titled:

AYLWIN CREEK
GEOLOGY AND DIAMOND DRILLING
Slocan M.D. - N.T.S. 82-F-14

49°53'N 117°22'W

D.C. Durgin

December 1980

1.4 Work by Riocanex in 1981

Field work commenced on May 11, 1981 and continued until August 13, 1981. During this period the following work was completed.

- (1) A total of 800 metres of new drill roads was constructed, and
- (2) Prospecting was carried out along and in the general vicinity of the roads.

2. ROAD CONSTRUCTION

During the 1981 field season 800 metres of new road was added to the existing access and drill roads. Drawing L-8777 shows the present position of roads on the property including the new road construction.

3. PROSPECTING

Mapping and general prospecting was carried out on the property by Kevin Heather, a M.Sc. candidate studying at Queens University. Results of his prospecting and mapping along the 800 metres of new roads are presented on Drawing G-8900.

4. CONCLUSIONS

The construction and prospecting of new roads formed part of a major drill programme completed during the 1981 field season. Results of the prospecting are consistent with earlier mapping of the property.

The prospecting provides additional detailed coverage of the mineralized zone. Conclusions from the surface prospecting and diamond drilling indicate that the mineralized zone shows an increasing gold content with depth.

APPENDIX A

COST STATEMENT

COSTS STATEMENT

PHYSICAL WORK

11 May - 13 September 1981

Salary & Wages

6 Men, 32 Man Days @ \$62 \$ 1,984

Benefits @ 20% 397

Contractors

Frank Pho Mining Ltd. D7E Cat & Blasting		
11 May - 3 Jul	\$1,683	
P. Leontowicz, Front End Loader		
3 Men and Equipment		
30-31 May	1,500	
Kaslo Skid, D6Cat Faller & Swamper		
5-25 Jun, 13-19 Aug	2,836	
G. Iwanik, Blasting, 19-25 Jun	2,972	
P. Daigle, Cutting, Bucking and		
Piling Trees along switchback mine		
road.	642	
I. Crichton, " "	333	
J. Rutkowsky, " "	498	
		10,464

GENERAL COSTS

32/547 x \$52,141 3,050

TOTAL PHYSICAL WORK COSTS \$15,895

PROSPECTING COSTS

11 May - 13 September 1981

Salary and Wages

6 Men, 10 Man Days @ \$62. \$ 620

BENEFITS @ 20% 124

GENERAL COSTS

10/547 x \$52,141 953

TOTAL PROSPECTING COSTS \$1,697

APPENDIX B

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

L. HAYNES

ACADEMIC

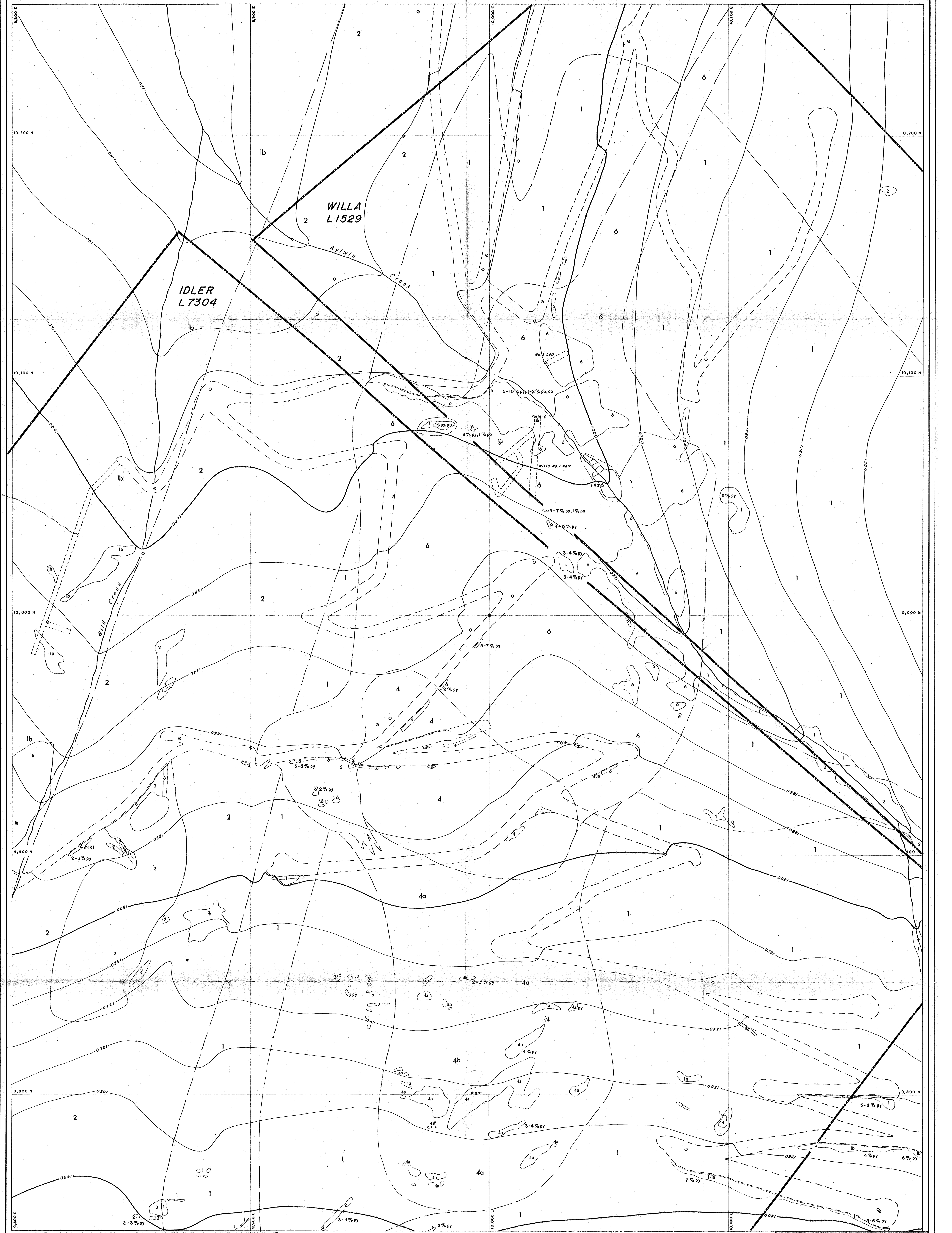
1972	B.Sc. Geology	University of British Columbia
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PRACTICAL

1972-1981	Rio Tinto Canadian Exploration Ltd. Vancouver, B.C.	Geologist involved in all aspects of mineral exploration in B.C., Yukon and N.W.T. Emphasis has been on the geological and geochemical appraisal of porphyry prospects at both regional and property levels.
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1969-1972 (summers)	Rio Tinto Canadian Exploration Ltd. Vancouver, B.C.	Student assistant on regional and property geochemical surveys of porphyry copper prospects in South-Central B.C.
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*L. Haynes
Nov. 30, 1981*



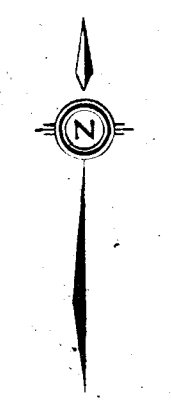
- | | |
|--------------------------------------|-----------------------------------|
| 8 Lamprophyre | 3 White Feldspar Porphyry |
| 7 Nelson Quartz Monzonite | 2 Quartz Lathite Porphyry |
| 6 Related Aplite and Pegmatite Dykes | 1 Metavolcanics |
| 5 Intrusive Breccia | 14 Sillstone |
| 4 Hornblende Feldspar Porphyry | 15 Augite porphyry |
| 3 Feldspar Porphyry | 16 Siliceous hornfels |
| 2 Biotite Intrusion Breccia | 17 Undifferentiated metasediments |

- Outcrop
- Geological Contact, defined
- Geological Contact, assumed
- Claim Boundary

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9796

NTS. 82 P/14
SCALE 1:500

RIO TINTO CANADIAN EXPLORATION LTD.
RIOCANEX-BP AYLWIN CREEK JOINT VENTURE
GEOLOGY
DATE NOV. 1981 DRAWN BY KH/L.H./d.a.g. G 8900



LEGEND

	Roonex Claims		Access Road (1980)
	B.P. Claims		Access Road (1981)
	Strimon Claims		
	Roonex Optioned Claims		
	Others		
	Diamond Drill Hole		

N.T.S. 82 F / 14
 SCALE 1:5000

MINERAL RESOURCES BRANCH
 REC. 9796

RIO TINTO CANADIAN EXPLORATION LTD.
 AYLWIN CREEK
 CLAIM MAP
 DATE NOV. 1981 DRAWN BY D.C.D. / s.g. DWG. L-8777