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PROPOSED EXPLORATION PROGRAM

CAB MINERAL CLAIMS

R.T. AGREEMENT AREA

BY:

John S. Brock

Atlas Explorations Limited

August 13, 1968

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PROPOSED EXPLORATION PROGRAM
CAB MINERAL CLAIMS AND
R.T. AGREEMENT AREA

INTRODUCTION

The Cab Mineral Claims, staked by Peter Risby prospector of Ross River, Yukon, and subsequently optioned by Atlas Explorations Limited under the Sheldon Project (Atlas - Mitsui Joint Venture), are located over a scheelite occurrence within an area attractive for further exploration for tungsten.

The Cab Group and an agreement area for continued exploration¹ have been optioned by the Joint Venture and an exploration and development program has been scheduled for the remainder of the 1968 field season, subject to the approval of the principals of the Atlas-Mitsui Joint Venture (Sheldon Project).

REGIONAL GEOLOGY

Within the agreement area and more particularly within the northwest trending belt in which the Cab Group is located, are found metamorphic rocks (Units A,B,C) of Proterozoic or early Cambrian age². As established by the Geological Survey of Canada (Map 7-1960, Quite Lake, N.T.S. 105-F) the units are characterized by northwest trends and moderate northeast dips. Departures from these attitudes are confined mostly to contact zones. The plutonic rocks (Unit 9) of Mesozoic age, are clearly intrusive in most places. The contacts with Units A, B and C are commonly sharp, although in places gradational through complex zones of migmatite.

1. Appendix 1: Option Agreement (Preliminary copy) Risby-Atlas
2. Appendix 2: 1 inch to 4 mile geologic map (G.S.C.)

A description of prominent units is as follows:

Mesozoic	Unit 9	Medium to coarse grained, biotite granodiorite and quartz monzonite, in part porphyritic; minor diorite, granite and gneiss.
Proterozoic	Unit A	Quartz-biotite and quartz-chlorite schist, micaceous quartzite, hornfels; minor phyllite and limestone.
	Unit B	Limestone and minor dolomite associated with A and C.
	Unit C	Micaceous, quartzose gneiss, granitoid gneiss; minor quartz biotite schist.

From examinations of the property (Cab Group) and other scheelite occurrences within the area, it would appear that mineralization is mainly confined to a diopside skarn band contacting the intrusive and located in stratigraphic section between the intrusive (Unit 9) and Unit A.

It is not unreasonable to assume similar scheelite occurrences may be found along intrusive contacts with units of Proterozoic sediments.

A report on the geology of the Cab Mineral Claims has been prepared by Atlas Explorations' geologist, R. Darney¹.

CAB MINERAL CLAIMS

A detailed description of the property examination and the scheelite occurrences has been made by R. Darney¹. The showings were examined in some detail by Atlas Explorations prior to option of the property. The claims were also visited on two occasions by K. Shiobara of Mitsui.

1. Appendix 4 - Property Examination Report - CAB Group, R. Darney.

The Cab Mineral Claims were first examined by Canada Tungsten Mines as requested by Risby. It was hoped that Canada Tungsten would option the property. At that time little was known of the extent of the Cab showings and no exploration had been done off the claim group. Canada Tungsten declined the offer to option in view of assays not being of economic grade². It was also learned that continuous chip samples were not taken across the showings and that grab samples were collected at 3 foot intervals thus missing bands of economic mineralization.

Samples taken by continuous chip method and assayed by different techniques from different assay offices have produced a variance in results³. Assays received from the Whitehorse Assay Office are generally low compared with those as assayed by Canada Tungsten for Atlas Explorations. The Whitehorse Assay Office used a 'wet assay' technique on pulps ground to -200 mesh, whereas the Canada Tungsten Laboratory used an 'X-Ray' technique on the same pulps. It was explained by the chief technician of the Canada Tungsten Laboratory that assays could be in the order of 20 percent higher if pulps were ground to -325 mesh for X-Ray analysis. Pulps have been sent to Coast Eldridge Assayers of Vancouver for further checks.

Average grades and all assay results are included in Darney's report.

PROSPECTING

Prospecting to date has revealed other new scheelite occurrences off the Cab Group. The main new discovery is located about 3 miles south of the Cab Claims, and is thought to be a projection of the same horizon in which scheelite is found on the Cab Group.

2. Appendix 5 - Assay Results, Canada Tungsten Mines examination of CAB Group.
3. Appendix 6 - Comparison of Assay Results.

The 'South Showing Area' is talus covered but for four outcrops located over a total assumed strike length of about 1000 feet. Float boulders examined between outcrop locations are of similar rock type and contain scheelite. Hand specimens collected from the outcrop areas appear to have a higher scheelite content than samples seen from the Cab showings. Only specimens collected by Risby have been examined. The most southerly exposure on this showing contains molybdenite in hairline fractures and minor disseminations. Over this section scheelite content is comparatively lower and manganese calcite content is higher in diopside skarn.

Float boulders containing scheelite, specimens not seen, was located in two places over the eastern side of the Cab Claims¹. It is possible that the float originated either from down dip extensions of the upper zone of the main showing or that float is the eroded product of even another showing located stratigraphically above the main Cab zone.

GEOCHEMISTRY

Soil sample lines were run across the probable northwestern extension of the Cab Main Showing. Results of analysis have not yet been received from Chemex Laboratories in Vancouver. Two recce soil sample lines were also run across the south slope (behind cirque wall) for possible extensions to the south and the South Showing Area.

Archer and Cathro, consultant geologists, have reported success in soil sampling surveys for tungsten in similar areas.

CLAIMS STAKING

40 additional claims have been staked by Atlas Explorations (Cab 33 - Cab 72) to ensure protection on possible down dip

1. Map Folder - Showing locations marked on Claims map.

extensions to the east of the main showings and to cover possible northwesterly trending contact zones².

CONCLUSIONS AND RECOMMENDATIONS

The possibility of zones of economic grade tungsten within the main showings of the Cab Mineral Claims and the possibility of extensions of these known zones cannot be overlooked. Therefore, further exploration and development of the property is recommended.

The geologic environment of the R.T. Agreement Area offers similar contact-skarn type situations to the Cab Property and therefore should be prospected in detail for tungsten deposits.

Proposed Program

Geology	Continuous chip sampling of entire zones of mineralization on Cab Property. Detailed mapping of contact areas for possible extensions of skarn zones. Detailed mapping of 'South Showing Area' and sampling of same. Detailed mapping and sampling of all new 'prospect' areas.
Staking	Staking of new showings as warranted by examination.
Prospecting	Prospecting of all intrusive contact areas and skarn zones. Helicopter recce for rust zones typifying pyrrhotite rich skarn zones.
Geochemical	Soil sample lines across possible extensions of known zones of mineralization. Some silt sample recce of drainage areas across intrusive contact zones.

2. Map Folder - Claims map.

Tote Trail 15 miles tote trail construction from Canol
Road to property for access and transportation.
Possible trenching.

Respectfully submitted,

John S. Brock,
Operations Manager-Yukon
Atlas Explorations Limited

August 13, 1968
Ross River, Yukon

R.T. AGREEMENT AREA and CAB MINERAL CLAIMS

ESTIMATED EXPENDITURE AND BUDGET

July 22 - December 31, 1968

A. PROPERTY EXAMINATION

Preliminary Examination (Mitsui)		
Helicopter Charges	400.00	
Follow-up Examination (Atlas)		
- Geologist & Assistant @ \$100/day		
5 days	500.00	
- Camp Costs \$10/man/day	100.00	
- Travel, Beaver Aircraft		
4 return trips, Ross River @\$52	205.00	
- Helicopter support, G3B1 @		
\$130/hour	260.00	
- Assays, 81 @\$8.00 each	648.00	
- Field Supv., trip to Whitehorse	300.00	
		\$ 2,413.00

B. OPTION PAYMENT AND AGREEMENT

1. Initial consideration	420.00	
2. First Instalment, First payment		
August 20/68	4,580.00	
3. Second Instalment, First payment		
October 20/68	5,000.00	
4. Misc. - Risby travel expenses and		
recording fees	420.00	
- Legal	200.00	
		\$ 10,620.00

C. STAKING

Protective Staking (Aug.10-Aug.12,1968)		
Wages - 2 men @ \$30 each, 3 days	180.00	
Crew chief @ \$40, 5 days	200.00	
Camp support - 3 men, 3 days @\$10/		
man/day	90.00	
Fees: - Recording of claims and		
transfers	480.00	
Travel- 4 Beaver trips, mob. and		
de-mob.	205.00	
Helicopter - G2 2 hrs. @\$105/hr.	210.00	
		\$ 1,365.00
Contingent staking (Dependent on		
results) 100 claims @ \$50/claim	5,000.00	\$ 5,000.00

D. PROSPECTING (Aug.1 - Sept.31, 1968)

Wages	- 2 men @\$1100/mo.	2,200.00	
Camp Cost	- 61 days @\$10/man/day	1,220.00	
Helicopter	- G2 6 hrs.@ \$105	630.00	
	G4 20 hrs.@ \$130	2,600.00	
Fuel(Avgas)	- 500 gals. @ \$1.00	500.00	
Travel	- Beaver 8 trips total	<u>410.00</u>	\$ 7,560.00

E. GEOCHEMICAL SAMPLING

Wages	- assume	500.00	
Analysis	- 750 samples @\$1.50 each for W	<u>1,125.00</u>	\$ 1,625.00

F. GEOLOGY

Wages	- Geologist & Asst. provided by Archer & Cathro, 30 days	3,150.00	
	- Alternative, geologist provided by Mitsui.		
	- Geologist provided by Atlas, R. Darney 5 days @ \$50/day	250.00	
Consulting	- Archer & Cathro, 5 days total @\$125	625.00	
Camp cost	- 30 days @ \$10/man/day	600.00	
Assays	- 200 @ \$8.00 each	1,600.00	
Helicopter	- 10 hrs. @ \$130	1,300.00	
Travel	- Beaver, 4 trips mob. and de-mob.	205.00	
Supervision, preparation and presentation and review of data, end season		<u>750.00</u>	\$ 8,480.00

G. ACCESS ROAD CONSTRUCTION

15 miles @\$400/mile all inclusive ...\$6,000.00 allowance for tote trail assistance	3,000.00	\$ 3,000.00
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H. TRENCHING

120 hrs. @ \$25/hr. D7 bulldozer	3,000.00	
Camp Costs	<u>100.00</u>	\$ 3,100.00

I. OVERHEAD AND ADMINISTRATION

Ross River Base)	15% of Expend.	6,300.00	\$ 6,300.00
Vancouver Office)			

TOTAL EXPENDITURE to Dec. 31, 1968 \$ 49,463.00

Recoveries, Northern Mineral Assistance Grant

Allowable Expenditure\$ 32,478.00	
50% Recovery	\$16,239.00
Expenditure allowing for recovery	\$ <u>33,224.00</u>

APPENDIX I

OPTION AGREEMENT
(Preliminary Copy)

ATLAS EXPLORATIONS LIMITED

(N.P.L.)

330 MARINE BUILDING
355 BARRARD STREET
VANCOUVER 1, B.C.

THIS AGREEMENT made to have effect

BETWEEN:

Atlas Explorations Limited
330 355 Burrard Street,
Vancouver 1, B.C.

(hereinafter called the 'Optionor')

AND:

Peter Rieby,
C/O Post Office,
Ross River, Yukon Territory

(hereinafter called the 'Optionee')

WHEREAS in consideration of the sum of Four hundred and twenty dollars (\$420.00) of lawful money of Canada, the receipt whereof is hereby acknowledged by the Optionee, by these presents, the parties hereto agree as follows:

THAT:

1. An AGREEMENT AREA for further prospecting and development of mineral claims and prospects has been defined as:

south boundary- Canal Road
west boundary - Thomas Creek downstream to its junction with North Big Salmon River thence upstream Big Salmon River to the headwaters of Pony Creek thence downstream Pony Creek to its intersection with Canal Road
north boundary- latitude 62° 00' north
east boundary - Magandy River upstream to headwaters of northeast fork of Fox Creek thence downstream northeast fork Fox Creek to main Fox Creek thence downstream Fox Creek to Canal Road

(hereinafter called 'Agreement Area')

2. All mineral occurrences discovered and mineral claims staked by the optionee with the agreement area are to be considered the properties of the optionor and are to be transferred to the name of

ATLAS EXPLORATIONS LIMITED (N.P.L.)

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

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2. (cont')

of the optionor for no other considerations over and above those made in this option agreement.

3. The Cab 1 - Cab 32 Mineral Claims, understood to be located under the provisions of the Yukon Quartz Mining Act and understood to be in good standing are to be transferred to the Optionor from the Optionee.

4. Under the provisions of this agreement the Optionee will receive the following schedule of payments:

- \$ 4580 on or before August 20, 1968 as initial payment
- \$ 5000 on or before October 20, 1968 as final installment on initial payment
- \$ 5000 on or before February 20, 1969
- \$ 5000 on or before August 20, 1969
- \$ 5000 on or before February 20, 1970
- \$ 5000 on or before August 20, 1970
- \$ 5000 on or before February 20, 1971
- \$ 5000 on or before August 20, 1971

The optionee will also receive ten percent (10%) of the vendor shares of a new company to be formed on or before August 20, 1971 to further explore develop and mine properties within the agreement area and held by the optionor under this option agreement.

5. After 30 days notice to the optionee this option may be declared null and void at any time at the discretion of the optionor.

IN WITNESS WHEREOF the parties hereto have executed this Agreement as of this 9 day of August 1968

ATLAS EXPLORATIONS LIMITED

By: [Signature]
its Operations Manager

SIGNED, SEALED AND DELIVERED by
in the presence of:

[Signature]
[Signature] See Manager Ross River Y.T.

[Signature]
Peter Risby


ATLAS EXPLORATIONS LIMITED
(N.P.L.)

330 MARINE BUILDING
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VANCOUVER 1, B.C.

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AMENDMENT TO OPTION AGREEMENT

6. If the optioner no longer desires to continue operations within the agreement area all properties will be returned to the optionee with the Cab 1 - Bob 32 mineral claims left in good standing for one year after date of return.

A handwritten signature in dark ink, appearing to be a stylized name, located in the lower right quadrant of the page.

APPENDIX 2

REGIONAL GEOLOGY



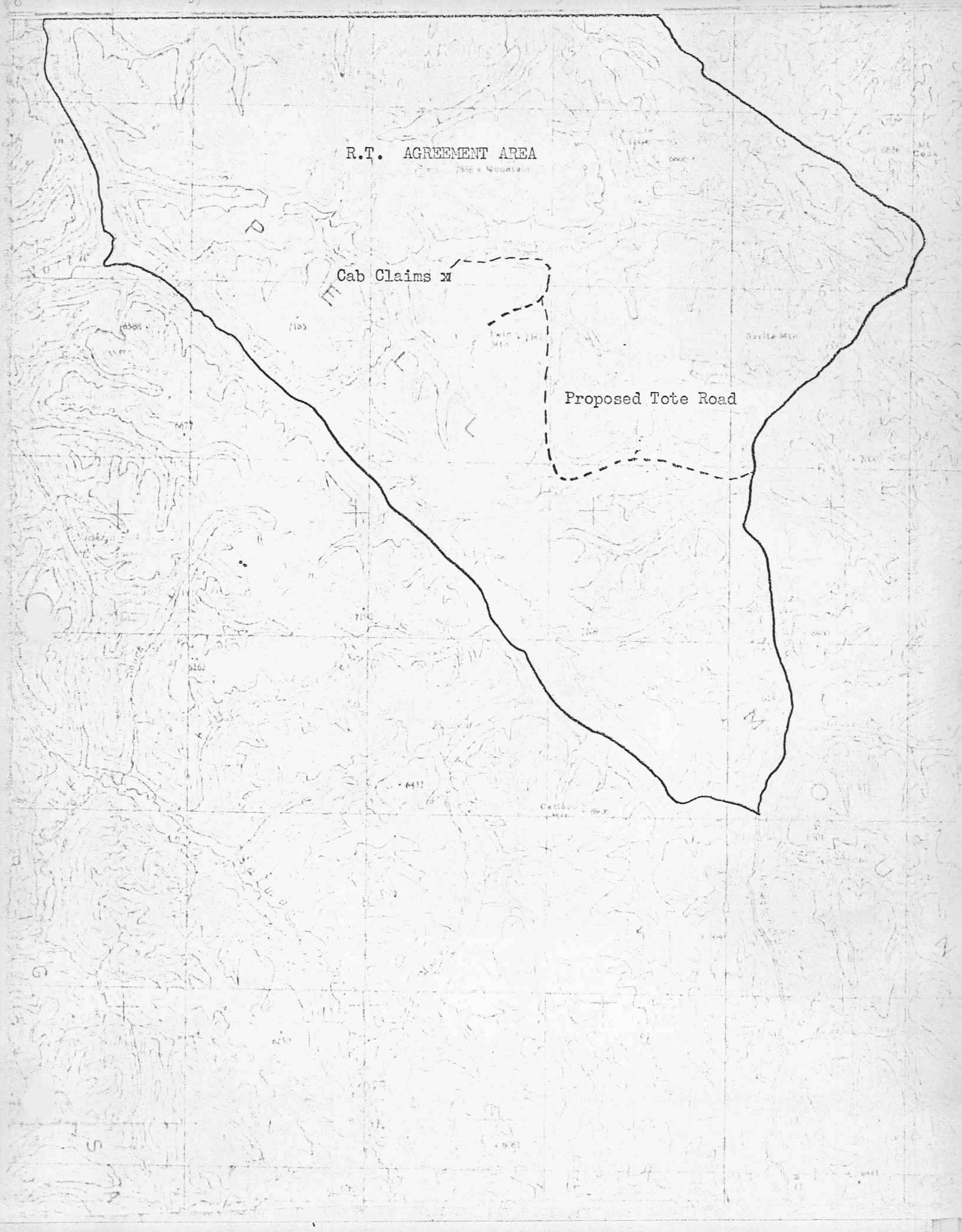
APPENDIX 3

OUTLINE AGREEMENT AREA AND TOTE TRAIL LOCATION

R.T. AGREEMENT AREA

Cab Claims X

Proposed Tote Road



APPENDIX 4

PROPERTY EXAMINATION REPORT
CAB GROUP

By: R. Darney

PROPERTY EXAMINATION REPORT

"CAB" GROUP

July 28, 1968

INTRODUCTION

The CAB Mineral Claims (1-32) were staked by Pete Risby of Ross River, Y.T. during the early part of June 1968. The claims are located in the upper Fox Creek Area (Sheet 105-F) approximately 36 air miles from Ross River and 4 miles south of Fox Mountain peak. Access to the property is by fixed wing aircraft from Ross River to a small lake 1½ miles north of the property. The Canol Road lies 12 miles east of the property.

TOPOGRAPHY

The main showing lies at the 5700 foot level in a cirque on the N.W. limits of Twin Mountain. From the cirque floor at 5500 feet, the walls rise sharply to an elevation of 6500 feet to the S.W. and approximately 6000 feet to the North. The main zone is approximately half-way up the Northern slope.

The property is almost entirely above timberline, so vegetation is restricted to low grass and occasional clumps of scrub spruce.

GEOLOGY

The claim group lies in an area of uplifted Proterozoic sediments, intruded by a Cretaceous quartz monzolute intrusive. This intrusive is exposed over an area of approximately 2 miles, contacts are very sharp where visible. The quartz monzonite is typically medium to coarse grained, but appears much finer grained and foliated as it approaches the contacts.

The overlying metasediments are composed of interbedded quartz biotite schist, quartzite, limestone, skarny limestone and garnet diopside skarn. Their regional attitude is approximately $130^{\circ}/45^{\circ}$ N.E. although the attitude changes to $175^{\circ}/46^{\circ}$ E. at the nose of the intrusive indicating some doming effect.

GEOLOGY OF THE SHOWINGS

Two main showings in the cirque were observed and sampled. Showing #1, figure 1, is located on the S.E. margin of the intrusive body. Heavy talus makes mapping of the intrusive contact difficult, but from all indications the showing is bounded by intrusive on three sides.

The showing consists of a massive skarn zone approximately 20 feet thick with an average attitude of $163^{\circ}/48^{\circ}$ E. The surface showing is approximately 45 feet wide due to erosion on its down dip side. At least 2 irregular bands of massive pyrrhotite (2-4 feet in thickness) lie within the skarn zone. From its northern contact with the intrusive, the zone extends 400 feet south until covered by talus.

The mineralization consists of scheelite and very minor chalcopyrite in massive pyrrhotite and garnet-diopside skarn. The scheelite occurs in irregular bands or fine-coarse disseminations in the skarn, while only as fine disseminations in the massive pyrrhotite. It was noted that the percentage scheelite appeared to increase as the grain size of the garnet-diopside skarn decreased.

Showing #2

The second showing, figure 1, lies on the N.E. wall of the cirque, at the 5700 foot level. It is composed of mainly fine-coarse grained diopside skarn directly in contact with the intrusive, and conformable with the overlying metasediments.

The main skarn zone averages 20 feet thick and was observed over a strike length of 1670 feet. This zone could be projected at least another 300 feet along strike but was too steep to sample. A second skarn zone is separated 30 feet stratigraphically above the first zone by interbedded quartz biotite schist and skarny limestone. This zone averages 15-20 feet thick and parallels the underlying zone for at least 900 feet, until covered by talus at both ends. There is nothing to suggest that this upper zone could not extend as far as the underlying one.

METHODS OF SAMPLING

Because of the banded nature of the scheelite mineralizations, the continuous chip sample method was chosen. The samples were bagged in 5 foot sections. This method was employed only where the mineralization zone was almost totally exposed across its entire width. Between the lines of continuous chip samples, where exposure was not complete, a method of grab sampling was used. To obtain a fairly representative sample, at least one dozen chips were taken from various points on the outcrop, then bagged together.

Showing #1 - three lines (Lines 1, 2, 3) for a total of 90 feet were sampled by the continuous chip method. No grab samples were taken.

Showing #2 - Both grab and continuous chip sample methods were used. Over the entire 1670 feet, five lines were sampled for a total footage of 120 feet. At in-between locations, eight random grab samples were taken. On the overlying zone, time would not permit a continuous chip sample method; a total of 13 grab samples were taken over its 900 feet of exposed strike length.

Twelve grab samples were taken by E. Dick on a third area of mineralization at the extreme east end of the cirque. No geologic mapping could be done at this location as the relief is almost vertical. The locations of the samples are not known and were taken only as an indication of further mineralization.

CONCLUSIONS

The zones of mineralization are very extensive and were sampled as completely as time and terrain would allow. Mapping has outlined 2 main zones. A third zone showed some indications of mineralization.

1. Showing #1 - 20 feet thick by 400 feet long with possible extension to the south.
2. Showing #2 - 2 parallel bands of skarn 30 feet apart. One band 20 feet thick and 1670 feet long while the other is 15 feet thick and 950 feet long. The second band is talus covered on both ends and could possibly extend as far as the lower band.

Respectfully submitted,

R. Darney

ASSAY RESULTS

ASSAY NO.	LOCATION	FROM	TO	WIDTH	ASSAY % WO ₃	WIDTH X ASSAY	AVER. ASSAY
5770	LINE #1 CONTINUOUS CHIP - SHOWING #1	0'	5'	5'	2.25	11.25	
5771		5'	10'	5'	0.06	0.30	
5772		10'	15'	5'	2.85	14.25	
5773		15'	20'	5'	0.51	2.55	
5774		20'	25'	5'	0.10	0.50	
				25.0'		28.85	1.15
5775	LINE #2 CONTINUOUS CHIP - SHOWING #1 125 FEET NORTH OF LINE #1	0'	5'	5'	0.08	0.40	
5776		5'	10'	5'	0.72	3.60	
5777		10'	15'	5'	0.21	1.05	
5778		15'	20'	5'	0.18	0.90	
5779		20'	25'	5'	0.99	4.95	
5780		25'	30'	5'	0.59	2.95	
5781		30'	35'	5'	0.22	1.10	
5782		35'	40'	5'	0.31	1.55	
				40'		16.50	0.41
5783	LINE #3 CONTINUOUS CHIP - SHOWING #1 135 FEET SOUTH OF LINE #1	0'	5'	5'	0.91	4.55	
5784		5'	10'	5'	0.50	2.50	
5785		10'	15'	5'	0.44	2.20	
5786		15'	20'	5'	0.52	2.60	
				20'		11.85	0.59
5787		30'	35'	5'	0.54	2.70	0.50
5789	A-1 GRABS 90' WEST OF LINE A-1 CHIP SHOWING #2	0'	5'	5'	0.10	0.50	
5790		5'	10'	5'	0.28	1.40	
5791		10'	15'	5'	0.10	0.50	
5792		15'	20'	5'	0.12	0.60	
5793		20'	25'	5'	0.12	0.60	
				25'		3.60	0.14
5794	LINE A-1 CHIP SHOWING #2	0'	5'	5'	1.04	5.20	
5795		5'	10'	5'	0.62	3.10	
5796		10'	15'	5'	0.06	.30	
5797		15'	20'	5'	1.02	5.10	
5798		20'	25'	5'	0.98	4.90	
				25'		18.60	0.74
5799	A-2 GRAB 470 FEET EAST OF LINE A-1 SHOWING #2				0.27		0.27

ASSAY NO.	LOCATION	FROM	TO	WIDTH	ASSAY % W03	WIDTH X ASSAY	AVER. ASSAY
5800	LINE A-2 CHIP 760 FEET EAST OF LINE A-1 SHOWING #2	0'	5'	5'	0.14	0.70	
5701		5'	10'	5'	0.45	2.25	
5702		10'	15'	5'	0.84	4.20	
5703		15'	20'	5'	0.57	2.85	
5704		20'	25'	5'	1.39	6.95	
				25'		16.95	0.68
5705	A-3 GRAB				1.08		1.08
5706	A-3-1 GRAB BOTH SAMPLES FROM SAME OUTCROP - 1000' EAST OF LINE A-1				0.12		0.12
5707	A-4 GRAB 1200 FEET FROM LINE A-1 (EAST)				0.83		0.83
5708	LINE A-3 1300 FEET FROM LINE A-1 (EAST)	0'	5'	5'	1.21	6.05	
5709		5'	10'	5'	1.10	5.50	
5710		10'	15'	5'	0.46	2.30	
5711		15'	20'	5'	0.27	1.35	
5712		20'	25'	5'	0.58	2.90	
5713		25'	30'	5'	TR	0.00	
				30'		18.10	0.60
5714	A-5 GRAB 1335 FEET EAST OF LINE A-1				TR		TR
5715	A-6 GRAB A-7 GRAB A-8 GRAB ALL TAKEN 1400 FEET EAST OF LINE A-1				0.98		0.98
5716					0.48		0.48
5717					1.88		1.88
5718	LINE A-4 1670 FEET EAST OF LINE A-1	0'	5'	5'	0.33	1.65	
5719		5'	10'	5'	1.00	5.00	
5720		10'	15'	5'	0.48	2.40	
5721		15'	20'	5'	TR	0.00	
5722		20'	25'	5'	0.30	1.50	
5723		25'	30'	5'	0.12	0.60	
				30'		11.15	0.37
5724	LINE A-5 1670 FEET EAST OF LINE A-1	0	5	5'	1.11	5.55	
5725		5	10	5'	0.29	1.45	
5726		10	15	5'	0.79	3.95	
5727		15	17	2'	TR	0.00	
				17		10.95	0.64

ASSAY NO.	LOCATION	FROM	TO	WIDTH	ASSAY % W03	WIDTH X ASSAY	AVER. ASSAY
	FOLLOWING SAMPLES FROM SKARN ZONE WHICH OVERLIES SHOWING #2.						
5728	A-9 GRAB 30' ABOVE LINE A-5				0.21		
5729	A-10 GRAB 100' WEST OF A-9				0.27		
5730	A-10-1 GRAB 10' BELOW A-10				0.63		
5731	A-11 GRAB 100' WEST OF A-10				0.14		
5732	A-11-1 SAME AS A-11				0.55		
5733	A-11-2 20' WEST OF A-11 10' LOWER (GRAB)				0.34		
5734	A-12 30' ABOVE LINE A-3 (GRAB)				0.10		
5735	A-12-1 20' LOWER THAN A-12 (GRAB)				1.58		
5736	A-13 166' WEST OF A-12 (GRAB)				0.30		
5737	A-14 70' WEST OF A-13 (GRAB)				0.46		
5738	A-15 170' WEST OF A-14 (GRAB)				1.11		
5739	A-15-1 30' WEST OF A-15 (GRAB)				0.70		
5740	A-16 100' WEST OF A-15-1 (GRAB)				1.59		
5741	ED-1				0.28		
5742	ED-2				TR		
5743	ED-3				0.08		
5744	ED-4				0.08		
5745	ED-5				0.37		
5746	ED-6				1.82		
5747	ED-7				2.00		
5748	ED-8				TR		
5749	ED-9				TR		
5750	ED-10				0.28		
5851	ED-11				0.54		
5852	ED-12				0.10		
	ALL GRAB SAMPLES FROM RUST ZONE AT EXTREME EAST END OF CIRQUE						

APPENDIX 5

ASSAY RESULTS
CANADA TUNGSTEN MINES EXAMINATION

July 18, 1968
Langston, W.W.T.

Dear Pete: This is to let you know that we have today completed the assaying of 30 samples from your property and as you will note on the assay list enclosed most of them ran fairly low.

Because of our exploration commitments here in the mine area and the general low run of the assays we do not feel that we should pursue any further work on your property at this time.

I am dispatching this letter off to you in order for Roy Watson to deliver it to Watson Lake on his trip out today. I will be writing you again in another day or two and send other data relative to the sampling.

L / D. Hyl

July 18, 1966

	SPECIALS		X-RAY 1102 %	HI-4005		X-RAY 1102 %
770.	327		0.15	770.	351	0.61
	328		0.20		352	0.33
	329		0.53		353	2.18
	330		0.21		354	2.19
	331		0.75		355	0.71
	332		0.18		356	0.27
	333		0.46			
	334		0.60			
	335		0.09			
	336		1.52			
	337		0.14			
	338		0.17			
	339		0.21			
	340		1.12			
	341		0.35			
	342		0.30			
	343		0.43			
	344		0.09			
	345		0.09			
	346		0.14			
	347		0.12			
	348		0.40	15-1200		
	349		0.24			
	350		1.78			

K. Brest.

L. J. D'Aigle,
Canada Tungsten Mining Corp. Ltd
Tungsten, N.W.T.

July 18, 1968

Mr. P. Risby,
Ross River, N.W.T.

Dear Pete:

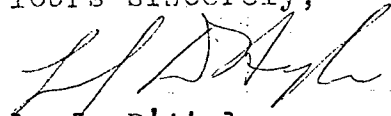
Regarding our radio communication the other day you will of course understand that I did not wish to quote any assays over the radio but merely wished to convey the message which you had missed as a result of not receiving my first letter which was namely that we had decided not to take up an option agreement on your property.

From the enclosed assay report you will note that your best zones are as you expected, located on the slope of the hill we sampled the last day on your property. The location I sampled ran 1.14% WO_3 across 15 feet while John's best sample gave 1.78% WO_3 across approximately 4 feet. Standing alone these results are quite encouraging but in all fairness we must consider a weighted average of all the samples taken along this slope as we are undoubtedly dealing with a continuous mineralized horizon. The average grade of the samples taken from the various zones along this slope is approximately 0.5% WO_3 .

We are all very much impressed with your accomplishments as a prospector. I would personally like to meet you again on my next trip out to Watson Lake for the purpose of discussing with you a prospecting proposition which I am directed to offer to you on behalf of this company for next season. I am sure you will find our offer an attractive one.

Best regards from all of us here - I will attempt to get in touch with you on my next trip to Watson Lake.

Yours sincerely,


L. J. D'Aigle

SAMPLE REPORT

PROPERTY : RISBY CAB CLAIMS

DATE : JULY 14, 1968

SAMPLE NO.	LOCATION	REMARKS	FROM	TO	WIDTH	ASSAY WO ₃	WIDTH x ASSAY	AVER. ASSAY
327	D ZONE	FLO. : VERY LIGHT	0	3-0	3-0	0.15	0.45	% WO ₃
328	1ST. X-C	SPARCE	3-0	6-0	3-0	0.20	0.60	
329		LIGHT	6-0	9-0	3-0	0.53	1.59	
330		SPARCE	9-0	12-0	3-0	0.21	0.63	
331		MODERATE	12-0	15-0	3-0	0.75	2.25	
332		LIGHT MODERATE	15-0	18-0	3-0	0.18	0.54	
333		SPARCE	18-0	21-0	3-0	0.46	1.38	
					21-0		7.44	0.354
334	D ZONE	SPARCE	0	3-0	3-0	0.60	1.80	
335	25' down slope - continuous with 333	VERY SPARCE	3-0	6-0	3-0	0.09	0.27	
					6-0		2.07	0.345
336	D ZONE	MODERATE - INTENSE (1/2 SAMPLE)	0	3-0	3-0	1.52	4.56	
337	- start section 100' S.W.	SPARCE	3-0	6-0	3-0	0.14	0.42	
338		"	6-0	9-0	3-0	0.17	0.51	
339		"	9-0	12-0	3-0	0.21	0.63	
340		LIGHT TO MODERATE	12-0	17-0	5-0	1.12	5.60	
					17-0		11.72	0.689
341	D ZONE	LIGHT	0	25-0	25-0	0.35	8.75	
	50' uphill				25-0		8.75	0.35
342	F ZONE	SPARCE	0	5-0	5-0	0.30	1.50	
343		LIGHT	5-0	11-0	6-0	0.43	2.58	
					11-0		4.08	0.371
344	100' N of F ZONE	SPARCE	0	3-0	3-0	0.09	0.27	
					3-0		0.27	0.09
345	G ZONE	NIL	0	3-0	3-0	0.09	0.27	
346		SPARCE	3-0	7-0	4-0	0.14	0.56	
					7-0		0.83	0.12

SAMPLE REPORT

PROPERTY : RISBY CAB CLAIMS

DATE : JULY 14, 1968

SAMPLE NO.	LOCATION	REMARKS	FROM	TO	WIDTH	ASSAY WO ₃	WIDTH x ASSAY	AVERAGE ASSAY
347	75' N of 345+346	Flo: SPARCE	0	5-0	5-0	0.12	0.60	
					5-0		0.60	0.12
348	75' N of 347	MODERATE SPOTTY	0	7-0	7-0	0.40	2.80	
349		" "	7-0	13-0	6-0	0.24	1.44	
					13-0		4.24	0.32
350	Between G & H	INTENSE	0	4-0	4-0	1.78	7.12	
					4-0		7.12	1.78
351	H ZONE	MODERATELY INTENSE	0	8-0	8-0	0.61	4.88	
					8-0		4.88	0.61
352	S.W. of	SPARCE	0	3-0	3-0	0.33	0.99	
353	H ZONE	MODERATE	3-0	6-0	3-0	2.18	6.54	
354		"	6-0	9-0	3-0	2.19	6.57	
355		SPARCE	9-0	12-0	3-0	0.71	2.13	
356		"	12-0	15-0	3-0	0.27	0.81	
					15-0		17.04	1.14
					TOTAL	135-0		0.51
								9' @ 1.69

Sample No.	Zone	Fluo.	Remarks
327 D/Angle.	D 1 st -X-C	v. light	Non mag.; Intensely rusty oxidizing; Pyrh. abundant; malachite staining; leaching evident.
# 328	D.	sporce	silicified Garnetiferous skarn; non mag.; some intensely leached; little pyrite
# 329	D	light	<u>isolated piece intense fluorescence</u> - suggests 1" band high WO_3 ; non mag; abund. pyrh. & qtz; skarn; qtz. staining; ; well rusted on fractures; neg. carbonates; S min. on fract.
# 330	D	sporce	non mag; no carb.; abund. qtz; massive skarn; little S; minor S on fract.; minor garnet;
# 331	D	moderate	minor S on fract.; pale green skarn; minor diss. S; minor Cu stain fract. <u>intense fluo. on isolated piece</u> well min. with pyrh.; garnetiferous; no carb.
# 332	D.	light/moderate	pale grey greenish skarn, minor dissim. pyro., rusty fractures; minor garnet; weathered orange brown; neg. carbonate; gr. on fractures; non magnetic. isolated well laminated py-carb. layers;

SAMPLE DESCRIPTIONS

②

Sample No.	Zone.	Fluo.	Remarks.
333	D 1 st -K.C.	sparse	Two isolated pieces intense fluo; abund. diss pyrph.; minor chalc.; skarn; orange brown weathering neg. carb.; non-mag; gtz-min. fract. native Cu?
334	D Zone. 25' down slope (Continuous with 333.)	sparse	isolated pces. intense fluo. - diss. pyr. & pyrph.; Mo?; garnetiferous; rusty coated fract.; non-mag; no carb.
335	"	very sparse	No fresh surfaces exposed - rusty fract.; intensely leached; largely gossanous; no carb; non mag; siliceous greenish skarn;
336 (-340)	D Zone Start Section 100' SW	moderate to intense (1/2 sample)	non-mag; massive green-gray skarn diss. pyrph.; no carb.; garnetiferous
337		sparse	pale green skarn; rusty coated fract.; minor S; finely laminated gtzitic sediment - layer of; non mag.; no carb.

SAMPLE DESCRIPTIONS

(3)

Sample No.	Zone	Fluo.	Remarks
338	D	sparse	rusty coated fract.; pale grey skarn with abundant finely diss. pyrrh.; no carb
339		sparse	grey skarn; minor S; no carb. intensely rusted fract.; iron mag.
340		light to moderate	— <u>Two isolated pieces very intense fluo.</u> ; rusty coated fract., pale grey-green skarn; finely diss. pyrrh.; minor chalc; sphalerite?; little surface exposed due to rust
341	D 50' farther up hill. Represent. of 25'	light	little fresh surf. exp.; part intensely leached; grey white skarn; little diss. pyrrh.; mineral with green fluo.; traces Cu; garnetiferous; no carb. & iron mag.

④

SAMPLE DESCRIPTIONS

Sample No.	Zone	Fluo	Remarks
342 Kelly	F	sparee	gossanous ; garnetiferous skarn no carb. ; minor S
343		light	non mag ; moderate disc S ; grey skarn ; sphalerite
344	100' N of F zone	sparee	pale green skarn ; cherty carb. stringers ; fine disc, pyr o. pyrrh. ; orange brown weathering sample largely leached
345	G	nil	pale green cherty skarn ; minor S ; non mag ; no carb.
346		sparee	Orange brown weathering ; pale green cherty skarn ; light disc. pyrrh. ; rusty coated fract ; non mag. ; no carb.
347	75' N of 345 & 346	sparee	pale green cherty skarn ; pyrrh. coated fract. ; orange- brown weathering ; non mag ; carb. stringers.
348	75' N of 347	moderate spotty	pale green cherty skarn ; garnetiferous ; non mag ; orange brown weathering ; minor S

SAMPLE DESCRIPTIONS

(5)

Sample No	Zone	Fluo.	Remarks
349		moderate spotty	pale green cherty skarn; white scheelite; minor diss. pyrrhotite.
350	Between G & H	intense	rusty coated fract.; part intensely leached; laminated quartzitic layer; cherty pale grey green skarn; minor chalc.; sphalerite?; diss pyrr. (fairly abundant)
351	H	moderately intense	pale green cherty skarn; moderate diss. pyrr.; sphalerite (minor) ; rusty coated fractures
352 D'Angle	S.W. of H	scarce	rusty fractures; very finely diss. pyrr. in coarse dark grey skarn
353		moderate	finely diss. pyrr.; orange brown weathering; grey massive dense skarn.
354		moderate	seam of mass. pyrrh.; fairly abundant diss. pyrr.; orange brown weathering; grey green skarn.
355		scarce	orange brown weathering; pale green grey cherty skarn; qtz. stringers; moderately leached; very finely diss. pyrr.; <u>two</u> <u>isolated pieces moderate fluo.</u>

APPENDIX 6

COMPARISON OF ASSAY RESULTS

CAB MINERAL CLAIMSAssay Results WO_3

<u>Sample No.</u>	<u>Location</u>	<u>Assayed By</u>		
		<u>Cantung X-Ray</u>	<u>Whitehorse Assay Office</u>	<u>Coast Eldridge</u>
5701	LA2 5-10	0.45	0.15	0.27
5702	10-15	0.84	0.44	0.70
5703	15-20	0.57	0.52	0.53
5704	20-25	1.39	0.92	1.01
5705	A3 grab	1.08	0.62	0.66
5706	A3-1 grab	0.12	0.32	0.27
5707	A4 grab	0.83	1.22	1.44
5708	LA3 0-5	1.21	1.10	1.16
5709	5-10	1.10	1.66	0.93
5710	10-15	0.46	0.33	0.76
5711	15-20	0.27	0.27	0.52
5712	20-25	0.58	0.10	0.41
5713	25-30	Tr.	Tr.	0.02
5714	A5 grab	Tr.	2.94	3.16
5715	A6 grab	0.98	0.39	0.51
5716	A7 grab	0.48	0.53	0.41
5717	A8 grab	1.88	0.02	0.13
5718	LA4 0-5	0.33	0.44	0.45
5719	5-10	1.00	Tr.	0.08
5720	10-15	0.48	0.09	0.17
5721	15-20	Tr.	0.04	0.07
5722	20-25	0.30	0.02	0.05
5723	25-30	0.12	0.04	0.33
5724	LA5 0-5	1.11	0.41	0.51
5725	5-10	0.29	Tr.	0.19
5726	10-15	0.79	0.32	0.10
5727	15-17	Tr.	0.02	0.02
5728	A9 grab	0.21	0.26	0.37
5729	A10 grab	0.27	Tr.	0.19
5730	A10-1 grab	0.63	0.67	0.54

<u>Sample No.</u>	<u>Location</u>	<u>Assayed By</u>		
		<u>Cantung X-Ray</u>	<u>Whitehorse Assay Office</u>	<u>Coast Eldridge</u>
5731	All grab	0.14	0.21	0.38
5732	All-1 grab	0.55	0.52	0.59
5733	All-2 grab	0.34	0.33	0.69
5734	A12 grab	0.10	Tr.	0.01
5735	A12-1 grab	1.58	0.57	0.64
5736	A13 grab	0.30	0.22	0.53
5737	A14 grab	0.46	0.54	0.64
5738	A15 grab	1.11	0.73	0.78
5739	A15-1 grab	0.70	0.34	0.47
5740	A16 grab	1.59	0.14	0.39
5741	ED 1	0.28	Tr.	0.01
5742	ED 2	Tr.	Tr.	0.06
5743	ED 3	0.08	0.11	0.39
5744	ED 4	0.08	0.10	0.24
5745	ED 5	0.37	0.18	0.27
5746	ED 6	1.82	0.69	0.52
5747	ED 7	2.00	1.65	0.92
5748	ED 8	Tr.	0.02	0.12
5749	ED 9	Tr.	0.02	0.02
5750	ED 10	0.28	0.15	0.30
5770	L1 0-5	2.25	1.18	0.75
5771	5-10	0.06	0.38	0.36
5772	10-15	2.85	1.67	4.21
5773	15-20	0.51	0.81	0.89
5774	20-25	0.10	0.03	
5775	L2 0-5	0.08	0.05	0.18
5776	5-10	0.72	0.29	0.36
5777	10-15	0.21	0.11	0.27
5778	15-20	0.18	0.28	0.55
5779	20-25	0.99	0.68	1.02
5780	25-30	0.59	0.32	0.46

<u>Sample No.</u>	<u>Location</u>	<u>Assayed By</u>		
		<u>Cantung X-Ray</u>	<u>Whitehorse Assay Office</u>	<u>Coast Eldridge</u>
5781	L2 30-35	0.22	0.17	0.38
5782	35-40	0.31	0.38	0.64
5783	L3 0-5	0.91	0.69	0.84
5784	5-10	0.50	0.52	0.68
5785	10-15	0.44	0.31	0.68
5786	15-20	0.52	0.84	0.85
5787	30-35	0.54	0.73	0.90
5789	A1 grab 0-5	0.10	0.12	0.16
5790	5-10	0.28	0.33	0.50
5791	10-15	0.10	0.10	0.16
5792	15-20	0.12	0.22	0.32
5793	20-25	0.12	0.05	0.15
5794	LA1 0-5	1.04	0.24	0.62
5795	5-10	0.62	0.46	0.82
5796	10-15	0.06	0.12	0.21
5797	15-20	1.02	0.88	1.12
5798	20-25	0.98	0.35	0.60
5799	A2 grab	0.27	0.06	0.16
5800	LA2 0-5	0.14	0.23	0.43
5851	ED 11	0.54	0.09	0.33
5852	ED 12	0.10	0.17	0.33
Average 81 samples		0.58	0.41	