

→ SLAB MTN

REFERENCE MEMORANDUM

Date 29 May 19 68

The attached papers are referred

To J.B.P.S. ✓

By DWT.

Please reply direct Please handle

Please see me re this Your comments

For your information For approval

Please retain Please return

If this is correct we should get out of Slab quickly - after making reasonably sure of Seraphim's interpretation. The source of copper mineralization poses an interesting problem.

NEWMONT MINING CORPORATION
OF CANADA LIMITED

013011

Vancouver 1, B. C.

June 7, 1965.

→ SLAB MTN

MEMO FROM: R. N. Seraphim

TO: D. M. Cannon

SUBJECT: Bonnet Plunge Copper Showing - Moysie Option (Rackla)

Summary and Conclusions:

Limey beds, with attitude parallel to a large cliff face, contain patchy chalcopyrite mineralization. The best showing is from 50 feet to perhaps 115 feet wide, may extend for 1500 feet in length, and is estimated to contain less than 0.5% Cu. The grade and potential tonnage are far too low to be of further interest in this location.

Introduction:

Following your briefing on May 31st, I met Andy Moysie in Ft. St. John as planned, and we proceeded to Keno City. We were unable to charter a helicopter until June 5th noon. Then Barry O'Neill, of Keno City, an associate of Moysie, guided us to the property. We landed at the top of a cliff, altimeter 3700 feet, inspected and sampled the mineralization along the rim, then landed at the base of cliff and talus, altimeter 2100 feet. From 2100 feet we climbed up, following almost continuous outcrop and crossing bedding, to estimated altimeter 3500 feet. By this time both I and O'Neill were satisfied that the widespread copper stains gave a much more optimistic impression of values than actually exists, so we returned to Keno City. We did not locate any claims, and I informed Moysie that I would recommend no further action by Newmont.

Location:

The showing is within a mile or two of 65° N, 134° W, on a south-west facing cliff on the north-east valley wall of the Bonnet Plume River. Widespread copper stain is clearly visible from the river.

Claims:

Four claims are reported staked by Harry O'Neill. I saw the posts from the air but did not inspect them. O'Neill is associated with Andrew Moysie and Bruce Ross, with whom you have the letter of agreement, dated May 28, 1965.

Geology:

The regional geology on and north of the showing is provided by G.S.C. Map 10, 1963. This map shows a north-west striking unit of lower palaeozoic carbonates, bounded by pre-cambrian phyllites, at the showing. The interpretation appears valid. I suspect some strong, north-west striking faults may mark the north-east and south-west boundaries of the carbonate unit.

Locally, the interbedded carbonates, cherts, and argillites, strike 110° to 130° (diplication set at 36°) and dip from vertical to steeply south-west. Most of the beds are from one foot to five feet or ten feet thick. The bedding is disrupted by faults, shattered zones, and drag folds. These disrupting elements trend parallel or sub-parallel to the bedding.

The scattered copper mineralization appears associated with the faulted and shattered zones, and particularly where these zones are in carbonate rocks. Minor skarn has formed, but most of the carbonate rocks are only slightly and locally marbleized. We found only one small fragment of intrusive, float on a slide. During cross-formation traverse of approximately 2000 feet, we noted about five mineralized zones with widths of ten feet to twenty feet, and grade perhaps 0.5% Cu. All these were 'patchy' with strike lengths of only one or two tens to one or two hundreds of feet. Judging by distribution of copper stain elsewhere on the bluff, other zones comparable in extent lie on both sides of our traverses.

A larger zone is approximately co-incident with the top of the cliff (where it is ideally situated to provide stain to the maximum area) striking and dipping almost parallel to the cliff face. We were able to sample the north-east border of this zone, at the top of the cliff.

(Samples No. 6451 and 6452 each 30 feet true width). At the bottom of the cliff, close to the above sampling, I sampled 50 feet approximately, true width (No. 6453). The intervening portion, not sampled, is estimated to contain perhaps 35 feet true width. The available float at the bottom of the cliff is of no better grade than the material sampled. Hence, as best as I can determine, the zone may be 115 feet wide, but I am not confident that the mineralization is continuous either across or along strike. Judging by our traverse along the top of the cliff, and later inspection along the cliff face from the helicopter, the zone may extend for about 1500 feet.

ASSAYS:

<u>Sample No.</u>	<u>As</u>	<u>Ag</u>	<u>Cu</u>
6451	Tr.	Tr.	0.37
6452	Tr.	0.1	0.76
6453	Tr.	Tr.	0.15

R. H. Deraphin

R. H. Deraphin.

213/pc

SLAB
Mtn

SHORT REPORT ON FIELD TRIP TO BONNET PLUME

AREA OF YUKON TERRITORY, CANADA

BY C.A. LANGLOIS

1. We all arrived in Whitehorse, Yukon on Monday, 29th April, 1968. On arrival at the Airport I transferred to the Helicopter and flew, with the pilot, to Keno City where I spent the night in the Keno City Hotel.
2. The following morning, 30th April, we proceeded North to the Bonnet Plume River. The weather was beautiful and on arriving I asked the pilot to fly a reconnaissance around the area in order to see the terrain before staking claims. We arrived ahead of Mr. Sawyer and the other man. *! We are ... for the ...*
3. On Mr. Sawyer's arrival we planned our staking schedule. Myself and Mr. R. Piercey then started staking claims; we were fortunate in being able to stake the strategic ground in which we were interested.
4. The topography was very steep and round. On climbing a Talus slope I noticed quite a bit of chalco; quite an amount of Magnetite and specular Hematite was also in evidence. This was approximately 3000' to the south of the main copper showings.
5. The visible evidence of mineralization was quite impressive higher up the slopes, however it was quite impossible to get close enough to get a really good look at it.
6. I will not be able to tell too much about this zone until we prospect it more thoroughly this summer.
7. The weather was beautiful for this expedition and everything went according to schedule. We finished the job and returned to Whitehorse the same day.
8. The following day, May 1st, I returned to Vancouver.


Respectfull,

C.A. Langlois

C.A. Langlois
Company Prospector.

DWA

MEMO TO: D. Tully - Cyprus Exploration Ltd.

RE: Showing in creek north of Slab Mountain 

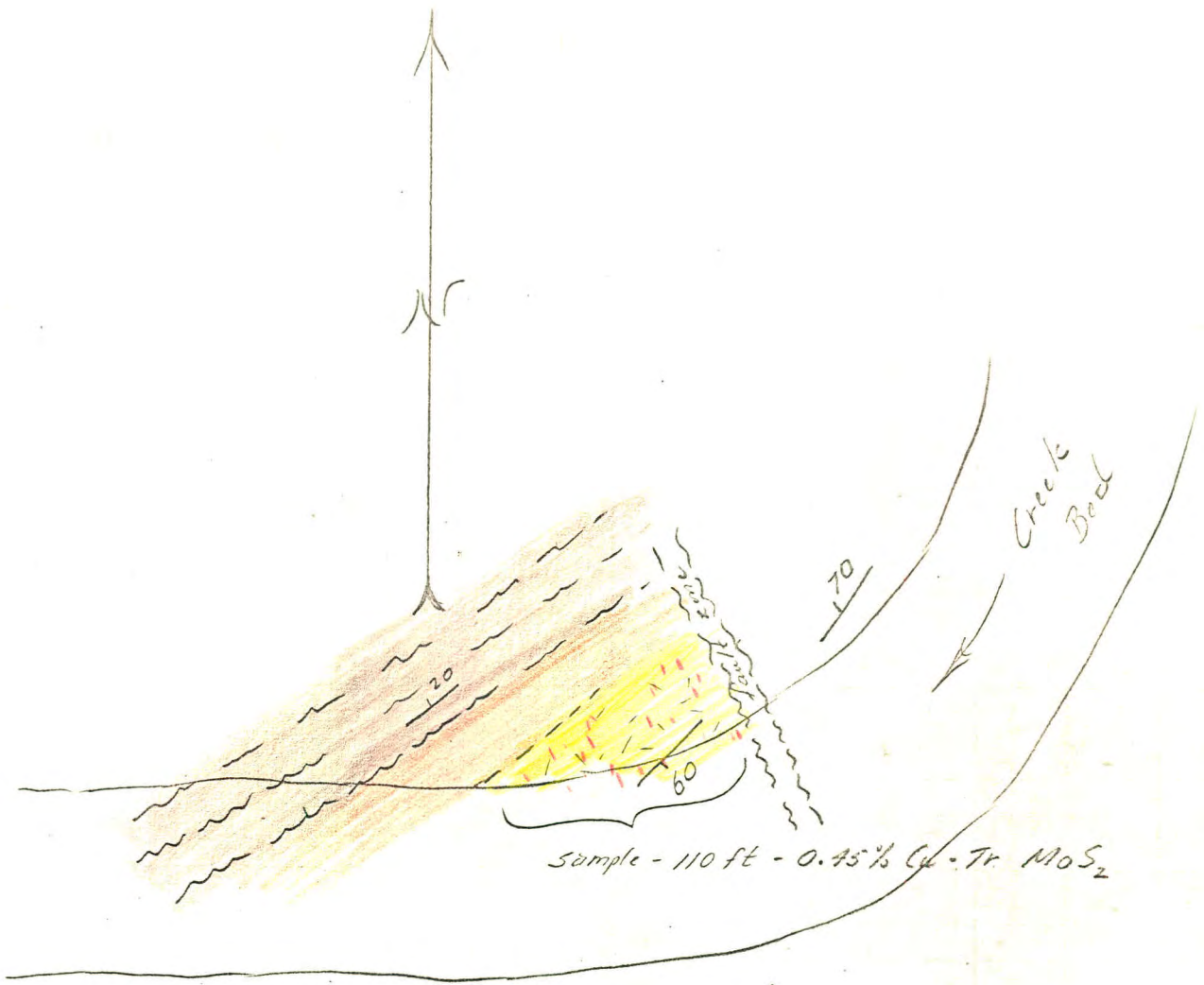
The showing is in a creek which drains into the Bonnet Plume River on the west side of Slab Mountain. The copper showing is on the north wall of the first canyon in the creek, and roughly one mile north of Slab Mountain. The showings have no direct relation to the showings on Slab Mountain itself.

Beds of argillites and slatey black phyllites trend northeastwards through the local area. One horizon, about 100 ft. thick, and more quartzitic than most, is shattered near a cross-fault. The shatter cracks are filled with magnetite and chalcopyrite. The mineralized outcrop forms a wedge (see sketch) but only the point of the wedge, an area of about 100 ft. by 100 ft. contains chalcopyrite mineralization. The same bed on the south side of the creek is broken and rusty, but contains only magnetite.

The mineralized area is too small, and has too little chance of extension, to recommend further work.

July, 1968


R. H. Seraphim



slaty argillite + phyllite



blocky brecciated quartzite + argillite

β ? Acid vol.



thin bedded quartzite - shattered & mineralized


North Star Creek Showing
 100 ft - inch sketch
 July/88. R.H.S.

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

Date: July 8, 1968

To: Mr. D. W. Tully
From: Mr. J. B. P. Sawyer
Subject: SLAB MOUNTAIN



Dr. R. H. Seraphim arrived on the Slab Mountain property on the evening of July 7th, 1968. He proposes to spend five or six days on the property carrying out mapping and an examination of the general geology and structure of the area. I accompanied Dr. Seraphim to the property at this time before leaving the area to carry out prospect examinations in Alaska.

During the preceding weeks, C. A. Langlois carried out prospecting and sampling on the property. He has discovered mineralization hitherto unreported on this prospect. He has found molybdenite, exposed over several tens of feet at one point on the north slope of the mountain, and he has also discovered cobalt bloom on rocks from this mountain. The discovery of these minerals is of interest, particularly the cobalt bloom, since it might possibly suggest a similarity with the mineralization of the Mammoth claims of Nordex Exploration, and may possibly indicate a more complex mineralogy and geological history than was hereto suspected.

Sixteen samples taken by C. A. Langlois were submitted to the Whitehorse Assay office on July 8th for assay for copper and molybdenum.



JBPS/jel

SLAB Mtn

TEL. - OFFICE 685-2914
RES. 224-7309

R. H. SERAPHIM
PH.D., P.ENG.

GEOLOGICAL ENGINEERING

427-470 GRANVILLE
VANCOUVER 2, B.C.

August 8, 1968

Mr. D. Tully,
Cyprus Exploration Co.,
510 West Hastings Street,
Vancouver 2, B. C.

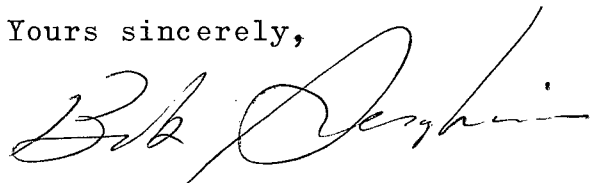
Dear Don:

I enclose two complete reports on Slab Mountain and one without the pictures. I return the two enlarged copies of the photograph and provide an overlay geological and assay map. If you would like more transparent overlays I or you can get a draftsman to prepare further copies cheaper than I could draft them up.

Also enclosed are three copies of a memo regarding the showing in the creek north of Slab, your original of an assay certificate (in case you file the originals) and the assay books.

Further, your tray of slides and my account. I enjoyed the work up there, and wish the material had been high enough grade to keep everybody happy. Thank you.

Yours sincerely,



R. H. Seraphim

RHS/LA
Encls.

P.S. Haven't done much re Sooke area yet - 'Cities' and Silver Standard are keeping me busy!

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

106.D.16

Date: August 9, 1968

To: Mr. J. G. Hansen
From: Mr. D. W. Tully
Subject: SLAB MOUNTAIN Project 68-58

TO	REPLY	
	COMMENT	
RETURN TO		
AUG 21 1968		
1	<i>[Signature]</i>	5
2	<i>[Signature]</i>	
3	<i>[Signature]</i>	7
4	<i>[Signature]</i>	8

Attached herewith is one copy of a report on the subject Project, by Dr. R. H. Seraphim who did the field work. The assay results from chip samples recorded on Page 8 of the report are sub-ore grade.

Donald W. Tully

DWT/jel

Attachment

TITLE: Slab Mountain Copper Prospect, Yukon Territory, Canada

ESTIMATED
 COST:

Acquisition Costs	\$ 4,885
Outside Contract Services	6,200
Travel	900
Air Charter	5,400
Assaying and Sampling	500
Salaries and Wages	1,200
Miscellaneous	500
	<hr/>
TOTAL	<u>\$19,585</u>

PROSPECT
 DESCRIPTION:

Twenty-eight mineral claims were staked over the southwest end of Slab Mountain in April, 1968, in which Cyprus has 100 percent interest. These claims are located 80 air miles or 100 miles miles by winter tote trail northeast of Keno at North latitude 65 degrees, West longitude 134 degrees. The road distance to tidewater via Mayo - Whitehorse and rail to Skagway, Alaska is 590 miles. Chalcopyrite occurs in a variety of brecciated and quartz-veined volcanic rodes and hornfels. The best exposure is a nearly vertical south face which is roughly 1,200 feet long and 1,500 feet in height at elevation 2,400 feet. Copper was observed in several instances up to 1,500 feet north of this point in similar geological environment up to elevation 4,400 feet. There are other indications of copper beyond the area described. The Bonne Plume River flows just south of Slab Mountain in a wide sluggish riverbed around elevation 2,000 feet above sea level.

EXPLORATION
 PROGRAM:

The grade of this occurrence is not known. Evidence from scattered observations during the staking operations suggests widespread copper mineralization. It is proposed to map the mineralized environment in at a scale of 50 feet to the inch and take a chip sample representative of each mineralized outcrop in the mineralized area. This information will be a useful guide to the viability of this project. The samples will also be useful for metallurgical tests.

JUSTIFICATION:

It is estimated that a viable copper project in this area of the Yukon will have a minimum requirement of 85 million tons grading at least 1 percent copper as follows:

1. Minimum estimated area of exposed mineralization:

1200' long x 500' wide x 1500' vertical above
 the Bonnet Blume River (12 cu. ft./ton), 85,000,000 Tons

2. Assumptions:

- a. Waste:Ore Strip Ratio 0.2:1
- b. The copper is smelted and refined at Tacoma, Washington.
- c. 1.0 percent copper grade required.
- d. Recovery at 90% = 18# Copper
- e. Value of ore at 38¢ per lb. Copper, \$6.84
- f. Grade of copper concentrate, 25 percent.
- g. Government will construct 100 miles of road.
- h. Road distance to Whitehorse is 475 miles.
- i. Truck transportation costs are .05¢/ton/mile.
- j. Milling rate, 10,000 tpd.

k. Costs:	Per ton ore	Per ton conc.	Per lb. cu.
Open-cut mining	\$ 0.80		.056
Milling	1.10		.083
Gen. & Admin.	.75		.041
l. Truck haul concentrates to Whitehorse (475 miles x .053/ton/m)	.85	23.75	.047
m. Freight, shipping and terminal charges Whitehorse to Tacoma	.64	18.00	.011
n. Smelter & market	1.26		.07
TOTAL COST	\$ 5.35		.308
Value of Ore at .38¢ lb.	6.84		
PRE-TAX PROFIT/ TON	\$ 1.49		

It will be necessary to direct the work program to evaluate this copper prospect in terms of the above economic considerations as a minimal objective for a viable project in this area.

*
ANVILCORP LSA
CYPRUSEXPL VCR

TO J G HANSEN
FROM D W TULLY
DATE MAY 13/68

SUBJECT PROPOSED AFE - SLAB MOUNTAIN - YUKON

BECAUSE OF THE DISSEMINATED NATURE OF THE COPPER
MINERALIZATION, AN INDUCED POLARIZATION SURVEY IS RECOMMENDED
TO ASSIST IN OUTLINING THE BOUNDARIES AND FURTHER DEFINE
THE TARGET IN CONJUNCTION WITH GEOLOGICAL MAPPING AND SURFACE
CHIP SAMPLING

THE PRESENT PROGRAM IS AS FOLLOWS

OUTSIDE CONTRACT SERVICES

GEOLOGICAL MAPPING	1,000
MAP COMPILATION	300
CONTRACT MAGNOMETER SURVEY	600
2-MAN MOBILIZATION	450
DITTO DEMOBILIZATION	450
	2,800
I P SURVEY - 6 LINE MILES	2,100
4-MAN MOBILIZATION	850
DITTO DEMOBILIZATION	850
	3,400
PROPOSED NEW TOTAL OUTSIDE CONTRACT SERVICES	6,200

*
ANVILCORP LSA
CYPRUSEXPL VCR

*prepare AFE
my signature today*

TO	REPLY
TO	REPLY
RETURN TO	COMMENT
RETURN TO	COMMENT
MAY 13 1968	
MAY 13 1968	
1	5
2	6
3	7
	8

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

Date: May 6th, 1968

To: Mr. J.G. Hansen
From: Mr. D.W. Tully
Subject: Proposed A.F.E.
Slab Mountain Copper Prospect
Northeast Mayo Area, Yukon.

action

TO	<i>RNA</i>	REPLY	
RETURN TO		COMMENT	
MAY 7 - 1968			
1		5	
2		6	
3		7	
4			

This copper prospect is ~~exposed at the south-~~ west end of Slab Mountain along the north side of the Bonne Plume River, 80 air miles north of Keno, Yukon.

It is proposed to do geological mapping and assess, as far as feasible, from the mapping and surface chip sampling, the copper potential of the subject prospect this coming July. It is believed a copper prospect in this area would need to have a large tonnage of copper-bearing rock grading at least one per cent copper to be a viable project. From the dimensions we know and the results of a few grab samples this seems possible.

A proposed A.F.E. for the amount of \$16,185 to do an examination on this prospect is attached for your consideration. This amount includes previously incurred acquisition costs.

D.W. Tully

SLAB MOUNTAIN COPPER PROSPECT
 NORTHEAST MAY AREA - YUKON
 PROPOSED PROJECT NO. 68-58

ESTIMATED COSTS

:	ACQUISITION COSTS	\$ 4,885
	OUTSIDE CONTRACT SERVICES	2,800 6,200
	TRAVEL	900
	AIR CHARTER	5,400
	ASSAYING & SAMPLING	500
	SALARIES & WAGES	1,200
	MISCELLANEOUS	500
		<hr/>
	TOTAL	\$ 16,185
		<hr/>

PROJECT DESCRIPTION

: Twenty-eight mineral claims were staked over the southwest end of Slab Mountain in April, 1968, in which Cyprus has 100 per cent interest. These claims are located 80 air miles or 100 land miles by winter tote trail northeast of Keno at North latitude 65 degrees, West longitude 134 degrees. The road distance to tidewater via Mayo - Whitehorse and rail to Skagway, Alaska is 590 miles. Chalcopyrite occurs in a variety of brecciated and quartz-veined volcanic rodes and hornfels. The best exposure is a nearly vertical south face which is

roughly 1,200 feet long and 1,500 feet in height at elevation 2,400. Copper was observed in several instances up to 1,500 feet north of this point in similar geological environment up to elevation 4,400. There are other indications of copper beyond the area described. The Bonne Plume River flows just south of Slab Mountain in a wide sluggish riverbed around elevation 2,000 a.s.l.

Exp
WORK
PROGRAM

: The grade of this occurrence is not known. Evidence from scattered observations during the staking operations suggests widespread copper mineralization. It is proposed to map the mineralized environment in at a scale of 50 feet to the inch and take a chip sample representative of each mineralized outcrop in the mineralized area. This information will be a useful guide to the viability of this project. The samples will also be useful for metallurgical tests.

JUSTIFICATION : It is estimated that a viable copper project in this area of the Yukon will have a minimum requirement of 85 million tons grading at least 1 per cent copper as follows:

1. Minimum estimated area of exposed mineralization:

1200' long x 500' wide x 1500' vertical
 above the Bonnet Plume River
 (12 cu. ft./ton) = 85,000,000 Tons

2. Assumptions:

- a. Waste : Ore strip ratio = 0.2:1
- b. The copper is smelted and refined at Tacoma, Washington.
- c. 1.0% copper grade required.
- d. Recovery @ 90% = 18# copper.
- e. Value of Ore @ 38¢ per lb. copper = \$6.84
- f. Grade of copper concentrate = 25%
- g. Government will construct 100 miles of road.
- h. Road Distance to Whitehorse = 475 miles.
- i. Truck transportation costs .05¢/ton/mile.
- j. Milling rate 10,000 tpd.

k. Costs:	<u>Per ton ore</u>	<u>Per ton conc.</u>	<u>Per lb. cu.</u>
Open-cut mining	\$ 0.80		.056
Milling	1.10		.083
Gen. & Admin.	.75		.041
l. Truck Haul Concentrates to Whitehorse 475 mil. x .053/ton/mile	.85	23.75	.047
m. Freight, shipping and terminal charges, Whitehorse to Tacoma, Washington.	.64	18.00	.011
n. Smelter and market	<u>1.26</u>		<u>.07</u>
<u>Total Cost</u>	5.35		.308
Value of Ore @ .38¢ lb	<u>6.84</u>		
PRE-TAX PROFIT/TON	<u><u>1.49</u></u>		

It will be necessary to direct the work program to evaluate this copper prospect in terms of the above economic considerations as a minimal objective for a viable project in this area.

RECOMMENDATION: We recommend the expenditure of \$16,185 to implement the proposed exploration program at Slab Mountain. Approval to proceed is requested.

Donald W. Lully
May 6, 1968
Date

J. B. Hansen
5-7-68
Date



Slab Mountain Fairchild Lake

MAYO

Anvil Mining

Lucky Lake

WHITEHORSE

CARCROSS

TESLIN

WATSON LAKE

GUSTAVIUS
Excursion
Inlet

JUNEAU
Pyrola

Map labels include: GILVIER R., YUKON MOUNTAINS, SLAB MOUNTAIN, FAIRCHILD LAKE, DAWSON, MAYO, ANVIL MINING, WHITEHORSE, CARCROSS, TESLIN, WATSON LAKE, GUSTAVIUS, JUNEAU, and PYROLA. Rivers shown include: Eagle R., Bonnet R., Snake R., Hume R., Stewart R., Pelly R., Klondike R., Teslin R., Yukon R., and many others. Lakes shown include: Stewart Lake, Mayo Lake, Ehel L., Keno Hill Lake, Big Kalzas L., Earn L., Tay L., Little Salmon L., Laberge L., Quiet L., Gladys L., Surprise L., Tuya L., and many others. Other features include: Slab Mountain, Fairchild Lake, Anvil Mining, Lucky Lake, and various passes and crossings.

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

TO		RETURN TO	
MAY 6 - 1968			
1	RNA	5	
2		7	
3		8	
Date: May 3, 6 1968			

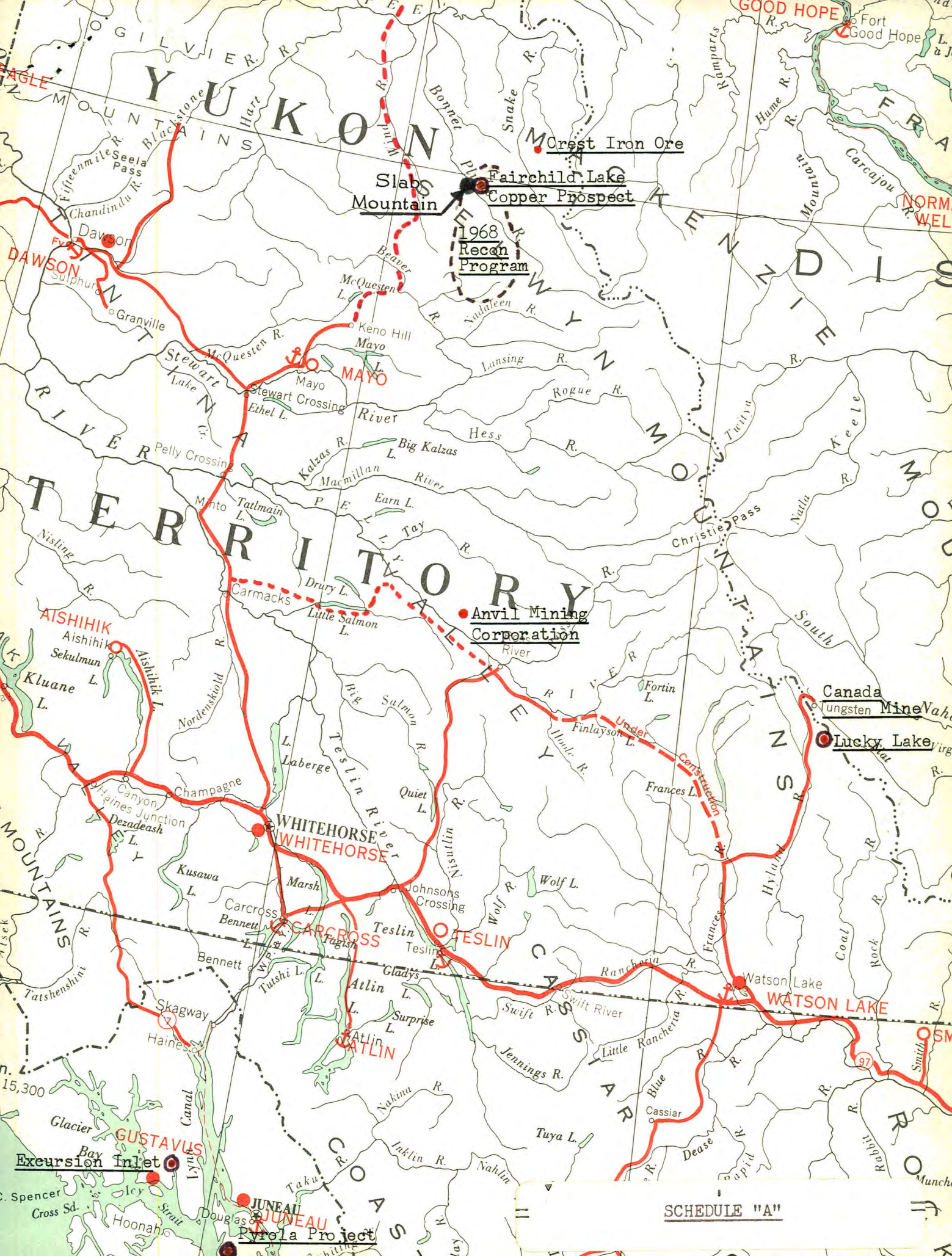
To: Mr. J. G. Hansen
From: Mr. D. W. Tully
Subject: Cost Estimate,
Slab Mountain Copper Prospect Area
YUKON

The attached location sketch should have accompanied my memo of yesterday re the above subject.

I regret this omission.

DWT:klc
Enclosure

Donald W. Tully



YUKON

DAWSON

YUKON TERRITORY

WHITEHORSE

CARCROSS

TESLIN

WATSON LAKE

JUNEAU

SCHEDULE "A"

Slabs Mountain

Fairchild Lake
Copper Prospect

1968
Recon
Program

Anvil Mining
Corporation

Lucky Lake

GUSTAVUS
Excursion Inlet

JUNEAU
Pyrola Project

INTER OFFICE MEMO

VANCOUVER OFFICE

DATE May 2

19 68

TO: Mr. J. G. Hansen

FROM: Mr. D. W. Tully

SUBJECT: See Below

TO <i>JGH</i>		REPLY	
RETURN TO		COMMENT	
MAY 3 - 1968			
1	<i>JGH</i>	5	
2	<i>RNAV</i>	6	
3		7	
4		8	

Subject: Cost Estimate
 Slab Mountain Copper Prospect Area
 Yukon

In response to your request, attached is a preliminary cost estimate study for the subject prospect towards developing preliminary guide lines for copper prospect evaluations in the Bonne Plume area of the Yukon.

The estimates are based on assumptions because of meagre information at this time as to grade. The costs used are current. White Pass & Yukon quoted the rate from Whitehorse, delivered at Tacoma, Washington.

We have some information as to the probable size of this prospect and we believe it is probably on the conservative side. It remains to develop the grade if such exists.

It is suggested a minimum target to look for in this area is at least 75 million tons, grading 1% copper. To this end, a proposed AFE is now being prepared for the approximate amount of \$10,000 to cover the cost of acquisition of 28 claims we now hold on this prospect. This will also allow us to geochemically map and do some preliminary geophysical work. It will also enable us to do chip sampling work to help us evaluate this target.

The same cost estimate parameters are suggested for the Fairchild Lake copper prospect eight miles distant.

A location sketch is attached. Additional information such as samples and assays for Mr. E. Allen will not be available for some time yet.

DWT:klc

Enclosure

Donald W. Tully

SLAB MOUNTAIN - YUKON

1. Estimated area of exposed mineralization:

1200' long x 500' wide x 1500' vertical
 above the Bonnet Plume River
 (12 cu. ft./ton) = 85,000,000 Tons.

2. Estimated Waste:Ore strip ratio = 0.2:1

3. Assumptions:

a) The copper is smelted and refined at Tacoma, Washington.

b) 1.0% copper grade required.

c) Recovery @ 90% = 18# copper

d) Value of Ore @ 38¢ per lb. copper = \$6.84

e) Grade of copper concentrate = 25%

f) Government will construct 100 miles of road.

g) Road Distance to Whitehorse = 375 miles

h) Truck transportation costs 6¢/ton/mile

i) Milling rate 10,000 tpd.

j) Costs: Per ton ore Per ton conc. Per lb cu.

Open-cut mining 0.80 .056

Milling 1.10 .083

Gen. & Admin. .75 .041

k) Truck Haul Concentrates
 to Whitehorse
 375 mil x .06/ton/mile .80 22.50 .045

l) Freight and shipping
 terminal charges Whitehorse
 to Tacoma, Washington. .64 18.00 .011

M) Smelter and market 1.26 .07

Estimated Total Cost 5.35 .306
 Value of Ore @ .38 lb 6.84

PRETAX PROFIT/TON 1.49

SLAB MOUNTAIN COPPER PROSPECT

YUKON

Property and Location:

28 unpatented mining claims. Bonnet Plume River, Yukon Territory, 180 miles due north of Anvil Mining. There is a winter road from Mayo, a land distance of about 100 miles. The total distance by rail and road to Skagway, Alaska, is about 450 miles.

Interest:

CMC has 100%

Geology and Mineralization:

This property lies in an area unexplored in any detail. Chalcopyrite occurs in irregular aggregates in a fractured and brecciated, light-coloured, intrusive-like breccia rock. Extensive malachite and azurite outcrop on the near-vertical south face of Slab Mountain. Copper mineralization occurs over an area 1200' long x 500' wide x 1500' vertical above Bonne Plume River.

Several other copper occurrences in the general area suggest a favourable environment for copper mineralization. It represents at this stage, one of the substantially large copper bets in the Yukon.

Exploration:

There has been no geochemical, geophysical, or diamond drilling done on this deposit.

Economic Analysis:

A preliminary analysis of the costs to operate a copper deposit in this area of the Yukon indicates it will be required to establish minimum tonnage of 75 million and a grade of one per cent copper.

Current Status:

The property was staked in April 1968.

Planned Activity:

It is planned to do geological and geophysical work to outline the potential size of this deposit.

Budget Summary:

Proposed Budget	\$	
Expenditures to 4/30/68	\$	_____
BALANCE	\$	=====

CYPRUS MIN' CORP.

To
From R. N. Allen

Date April 30, 1968

To ~~J. G. Hansen~~

Subject: Slab Mountain, Yukon

When I was in Vancouver last week, I suggested to Don Tully that he prepare an AFE to cover expenditures at Slab Mountain. They have already staked 15 claims and plan to stake at least that many more in the next few days. A land position has been established; therefore, we should no longer charge additional expenditures against the Yukon Reconnaissance AFE. Don said that he would prepare an AFE for this prospect and send it down to us.

RNA

We need preliminary study to determine grade and quantity necessary this location for economic feasibility before AFE requested. Please request this from ESA. assume 17% Cu and 85% molybdenum

INTER OFFICE MEMO

VANCOUVER OFFICE

DATE April 18th 19 68

TO: Mr. J.G. Hansen
FROM: Mr. D.W. Tully
SUBJECT:

STAKING SLAB MOUNTAIN

Yukon Reconnaissance Program 1968

The 1968 Yukon Reconnaissance program commenced on April 5 with the staking of the southwest end of Slab Mountain. The subject mountain is located on the north side of the Bonne Plume River, eighty air miles north of Mayo, Yukon. Fifteen claims were staked by Paul Sawyer and an assistant. Reference to Slab Mountain has been made in both the Yukon Reconnaissance and the Fairchild Copper Prospect memoranda for A.F.E. funds.

Slab Mountain contains a large quantity of chalcopyrite in a grey cherty breccia-type intrusive rock. Copper and copper stain was noted by Mr. Sawyer at two locations exposed through the snow and at least 2000 feet apart. A grab sample of talus rock below a copper-stained cliff face some 300 x 800 feet in area assayed over one per cent copper which, of course, may not be representative but does suggest further work should be done.

In view of the widespread copper mineralization it is planned to stake another sixteen claims for protection until geological mapping can be carried out in July - August next. Accordingly 100 per cent interest will be acquired should the ground prove valuable. The presence of a major company in a new area frequently attracts claim speculation.

A location sketch is attached, showing the work to date.

Donald W. Tully

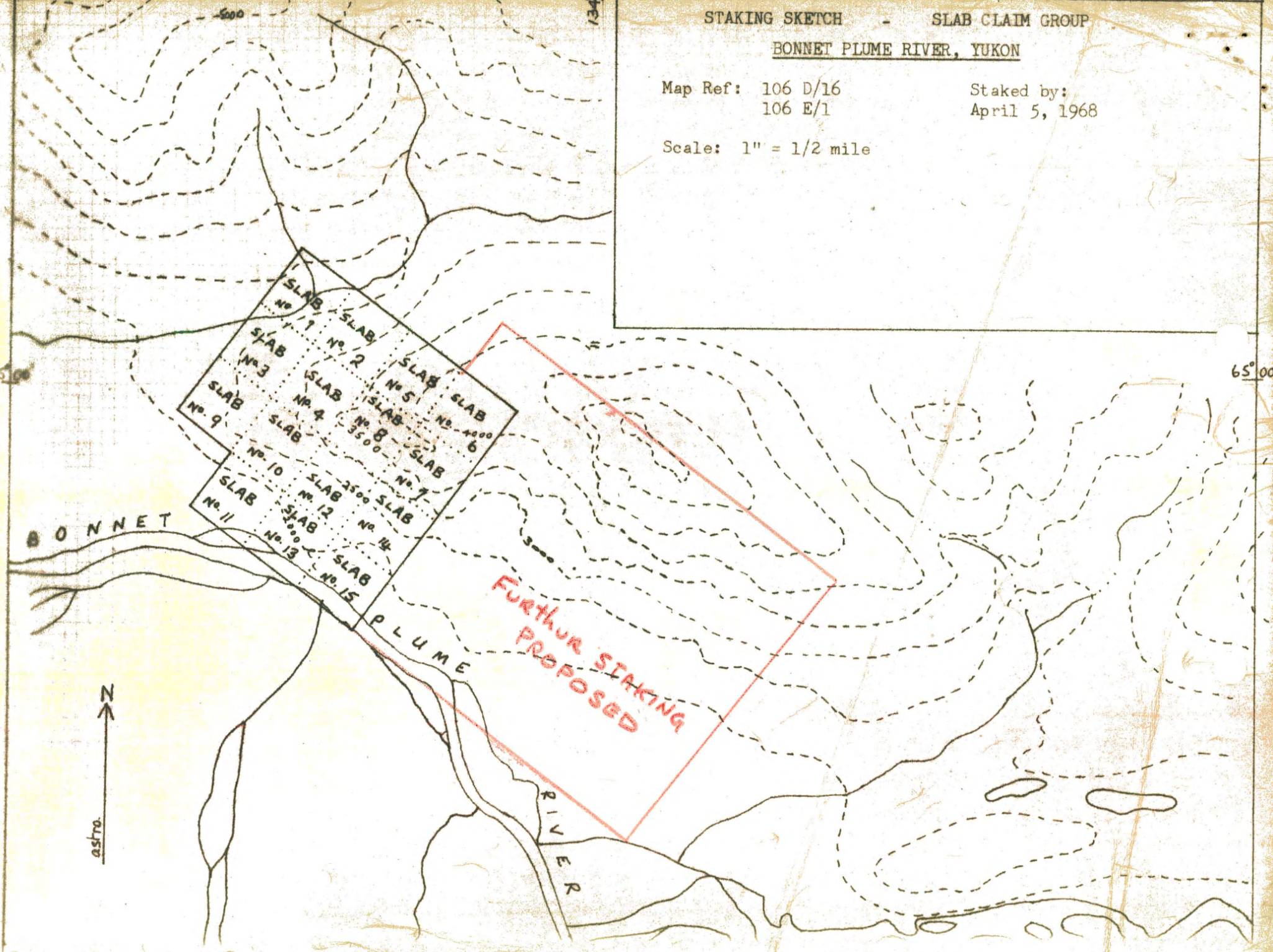
STAKING SKETCH - SLAB CLAIM GROUP

BONNET PLUME RIVER, YUKON

Map Ref: 106 D/16
106 E/1

Staked by:
April 5, 1968

Scale: 1" = 1/2 mile



65° 00'

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

Date: December 10, 1968

To: Mr. D. W. Tully
From: Mr. J.B.P. Sawyer
Subject: SLAB MOUNTAIN ASSESSMENT

The Slab Mountain claims are presently registered under four separate names, Sawyer, Langlois, Cote and Piercey. We have executed transfers for all of these claims, but these transfers have not been registered with the Mining Recorder in Whitehorse, in accordance with your instructions last May. In order to record the assessment work, it will be necessary to group these claims into two groups, and to provide some documentary evidence of ownership by Cyprus or else some form of agreement between Cyprus and the claim holders.

I propose to register the transfers thus establishing that the claims belong to Cyprus Exploration, and to submit grouping applications dividing the property into two groups of 14 claims each. The work by R. H. Seraphim for Cyprus Exploration Corporation, Ltd. can then be filed for assessment credit. Your approval of this is requested.

R. H. Seraphim is preparing amended copies of his original report omitting assays and tonnage estimates. We should have these next week.



JBPS/jel

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.

VANCOUVER OFFICE

Date: December 12, 1968

To: Mr. J.B.P. Sawyer
From: Mr. D.W. Tully
Subject: SLAB MOUNTAIN PROJECT

Form "B"s and a letter to you dated June 14, 1968 from B.R. Baxter are attached along with claim tags for your consideration and any necessary action. I am not sure of the time limit to affix tags. The record numbers are:-

SLAB 1	-	Y14628	SLAB 15	-	Y 14642
2	-	29	16	-	Y 14798
3	-	30	17	-	Y 14790
4	-	31	18	-	91
5	-	32	19	-	92
6	-	33	20	-	93
7	-	34	21	-	94
8	-	35	22	-	95
9	-	36	23	-	96
10	-	37	24	-	97
11	-	38	25	-	Y 14799
12	-	39	26	-	800
13	-	40	27	-	1
14	-	41	28	-	2

(Yukon Act, Section 45)

DWT/jel



File

INTER OFFICE MEMO

CYPRUS EXPLORATION CORPORATION LTD.
VANCOUVER OFFICE

Date: December 19, 1968

To: Mr. D. W. Tully
From: Mr. J. B. P. Sawyer
Subject: SLAB MOUNTAIN

In response to your memo of December 12th re subject, I can advise that the Forms "B" together with the tags were taken up to Slab when they were received last Summer and were in the possession of C. A. Langlois from that time until his return to Vancouver in the Fall. I requested him to affix as many tags as possible while he was on the property. Due to terrain it would not have been possible to put all the tags on the posts.

Re assessment credits, it appears that we will be able to put together about \$2,000 worth of acceptable assessment work. This will be adequate to hold the 20 claims for one year or a smaller number of claims for a longer period. I would suggest that we file for say two years on 10 claims covering the main area of interest.



JBPS/jel

HERCULES EXPLORATION CORPORATION
523 West Sixth Street
Los Angeles, California 90014

December 30, 1968

Mr. Leo I. Proctor
and
Mr. Louis J. Brown
Post Office Box 264
Whitehorse
Yukon Territory, Canada

Re: Hercules Exploration Corporation
Termination of Joint Venture Agreement

Gentlemen:

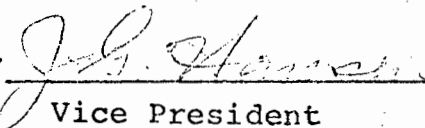
You are hereby notified that Hercules Exploration Corporation terminates its interest in the joint venture created by that Joint Venture Agreement between Leo I. Proctor, Louis J. Brown and Hercules Exploration Corporation, dated May 23, 1968. Hercules Exploration Corporation also terminates its obligation to make any further payments or expenditures pursuant to said Joint Venture Agreement.

In accordance with the terms of the Joint Venture Agreement, we are delivering herewith a quitclaim deed, which quitclaims to you all the rights and interest of Hercules Exploration Corporation in the mineral claims, properties and interests subject to the Joint Venture Agreement. The maps, logs, assays, geophysical reports and other data with reference to the Mining Area will be delivered to you as required.

Very truly yours,

HERCULES EXPLORATION CORPORATION

By


Vice President

QUITCLAIM DEED

KNOW ALL MEN BY THESE PRESENTS, that HERCULES EXPLORATION CORPORATION, a Nevada corporation, hereby assigns, transfers and quitclaims to LEO I. PROCTOR and LOUIS J. BROWN all of its right, title and interest in and to the following mineral claims, located near Fairchild Lake in the Yukon Territory, Canada:

CLAIMS

GRANT NUMBERS

Tyana claims No. 1 through 4, inclusive Y 6997 through Y 7000, inclusive

Tyana claims No. 5 through 32, inclusive Y 14001 through Y 14028, inclusive

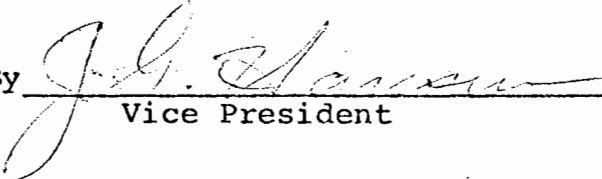
TOGETHER WITH all of its right, title and interest in and to all other mineral claims, properties or interests lying within a five (5) mile radius measured from the No. 1 post of the aforesaid Tyana mineral claims No. 11 and No. 12.

IN WITNESS WHEREOF, said Corporation has caused its corporate name and seal to be affixed hereto and has caused this instrument to be executed by an authorized officer.


Dated this 30th day of December, 1968.

HERCULES EXPLORATION CORPORATION

By


Vice President

ATTEST:


Assistant Secretary

CYPRUS EXPLORATION CORPORATION, LTD.

510 WEST HASTINGS STREET
VANCOUVER 2, BRITISH COLUMBIA
TELEPHONE: 683-9304

7th January, 1969.

Mr. R.G. Ronaghan,
Mining Recorder,
Mayo Mining District,
P.O. Box No. 10,
Mayo,
Yukon.

Dear Sir,

Enclosed please find three copies of our report on geological work carried out during 1968 on our Slab Mountain Claim Group, in the Bonnet Plume River area. Also enclosed please find applications for Certificates of Work (Forms C) covering these claims.


We wish to apply this work as follows:-

Slab Claim No.	3	-	3	years	work
"	"	"	4	-	3
"	"	"	7	-	3
"	"	"	8	-	3
"	"	"	9	-	4
"	"	"	10	-	4
"	"	"	11	-	3
"	"	"	12	-	4
"	"	"	13	-	3
"	"	"	14	-	4
"	"	"	15	-	4

Total: 38 Certificates of Work.

We enclose our cheque in the amount of \$190.00 to cover the fees for these Certificates.

Yours very truly,
CYPRUS EXPLORATION CORPORATION LTD



J.B.P. Sawyer
Regional Manager,
Western Canada.

Enc.

c.c. Mr. D.W. Tully ✓

JBPS/JCG

CERTIFIED
PAY TO THE ORDER OF THE ROYAL BANK OF CANADA
HASTINGS & HOMER BRANCH
VANCOUVER, B.C.

J. B. P. SAWYER
ROOM 822
WEST HASTINGS STREET
VANCOUVER, B.C.

C/C

No 187

January 7 1969

General

\$ 190.⁰⁰/₁₀₀

One hundred and ninety

⁰⁰/₁₀₀ DOLLARS

THE ROYAL BANK OF CANADA

HASTINGS & HOMER BRANCH
400 WEST HASTINGS STREET
VANCOUVER, B.C.

J. B. Sawyer

⑆06560⑉03⑆

4⑉458⑉3⑉⑆

ADW
Jan 13/69
→ JBPB → File

M E M O R A N D U M

January 9, 1969

TO: R. N. ALLEN
FROM: GERALD G. KELLY
MUSICK, PEELER & GARRETT
RE: HERCULES EXPLORATION CORPORATION
TERMINATION OF JOINT VENTURE AGREEMENT

We are enclosing copies of the completely executed termination notice and quitclaim deed which we have today sent by registered mail to Mr. Leo I. Proctor and Mr. Louis J. Brown.

By copy of this memorandum, we are also sending copies of these documents to Mr. McLean and Mr. Tully.

MLK

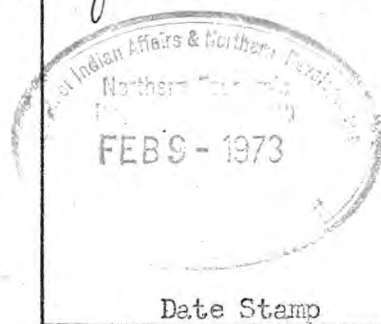
RTA:ja

Enclosures

cc (w/encl): Mr. Mudd
Mr. Lieber
Mr. Hansen
Mr. McLean
Mr. Tully

RECEIVED
JAN 13 1969
REGISTERED

Copy sent to AFMask 14/2/73 with notation: I assume we have no interest in retaining this Slab of the Yukon. No action required. *JRP* 4/2/73. → 195 → file Slab Mta.



REGISTERED MAIL

To: Cyprus Exploration Limited
1101 - 510 West Hastings Street,
Vancouver, B.C.

NOTICE OF LAPSING
PURSUANT TO SECTION 55 (1)
YUKON QUARTZ MINING ACT

Take notice that if by the 14 day of May, 19 73, (14 days after anniversary date), the holder of the following mineral claim(s) does not submit evidence that representation work has been performed within the time prescribed by the Act, or the payment in lieu of assessment work is not made on or before the 30 day of April, 19 73, the following mineral claim(s) will lapse without any declaration of cancellation or forfeiture.

Record Number(s)

Claim Name(s)

Y 14636, Y 14637,
Y 14639, Y 14641 and
Y 14642

"SLAB" 9, 10, 12, 14 and 15

R. G. Ronaghan
R. G. Ronaghan
Mining Recorder

