

92 H/4

FILE COPY

CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

826808

DATE: April 4, 1983
TO: A. J. Davidson
COPIES TO: D. H. Watkins
DE FROM: I. D. Pirie
SUJET SUBJECT: Tan Claims

Geochem results for the samples taken during our visit to the Tan property have now been received and are attached. They confirm a distinctly bimodal rock composition in the area visited with rhyolite hosting the sulphide mineralization (T6, 9) being overlain by basaltic andesitic (T7, 8). Unfortunately, the results also confirm the essentially barren nature of the sulphides. The only significant value is a 0.84% Zn (8400 ppm) in the sample taken from slide material on the road northwest of Fumarole Creek.

There is little doubt that the property has significant potential for volcanogenic massive sulphides. Although we should endeavour to see the 'Main Showing' (higher elevation) before committing ourselves it is not on the present claims and therefore should not influence a deal with Gordon Stapley.

I recommend that we start negotiations for the claims. Should a suitable arrangement be possible, and should our other interests in the Chilliwack Group proceed to fruition, it would provide us with a strong position in a little explored belt with excellent success potential.



Ian D. Pirie

IDP/ik

TAN CLAIMS

L-1	Cu, Zn, Au, Ag	(Lizard) UMAX
L-2	Cu, Zn, Au, Ag	(Lizard) UMAX
T-1	Cu, (Pb), Zn, Ag, Au	(mass. sulph. drill set up, upper road)
T-2	Cu, (Pb), Zn, Ag, Au	(sulphides - #1 showing)
T-3	Cu, (Pb), Zn, Ag, Au	(sulphides - #1 showing)
T-4	Cu, (Pb), Zn, Ag, Au	(sulphides - #1 showing) NHS.
T-5	Cu, (Pb), Zn, Ag, Au	(slide area float
T-6	W. R.	Cherty rhyolite - upper road.
T-7	W. R.	Vesicular andesite - dacite. SE & Above #1 showing.
T-8	W. R.	Dacite - rhyodac. Above #1 showing.
T-9	W. R.	Silicified? - Above #1 showing.

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project Date of report March 30/83.
File No. 3-145 Date samples received March 24/83.
Samples submitted by: I. Pirie
Company: Falconbridge Copper
Report on: 11 Geochem samples

..... Assay samples

Copies sent to:

1. Falconbridge Copper, Delta, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -80

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: Geochem Cu, Zn, Ag-nitric, perchloric digestion. A.A.
Au-Aqua Regia., LOI-Dry ashing. ICP.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPAN

Falconbridge Copper

GEOCHEMICAL ANALYSIS DATA SHEET

File No. 3-1

PROJECT No.:

MIN - EN Laboratories Ltd.

DATE: Mar. 3

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

ATTENTION: **I. Pirie**

1983.

	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
		Mo	Cu	Pb	Zn	Ni	Co	Ag	Fe	Hg	As	Mn	Au		LOI	
	Sample. Number	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb		%	
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
Lizard (near)	L 1		45.4		17.8			4.0					5.40			
	L 2		5.4		9.5			1.6					4.45			
	T 1		3.2		4.2			1.3					5			
	2		10.0		7.3			1.1					4.5			
	3		2.8		5.6			1.1					1.0			
	4		8.4		5.0			0.8					5			
	5		34.0		84.00			1.6					5			
	6		8		8.0			0.9					5		0.3	
	7		1.4		10.8			2.0					1.5		4.5	
	8		12.9		10.2			1.7					5		4.2	
	T 9		4		8.8			0.5					5		0.4	
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								
								.								

Handwritten signature: I. Pirie

MINEN LABS ICP REPORT

FILE NAME: 3-145/*
 ACT NAME:

DATE: MARCH 30, 1983
 COMPANY: FALCONBRIDGE
 PROJECT:

----- CONCENTRATION IN PPM -----

	T6	T7	T8	T9
AL2O3	95400	173000	170000	131000
CAO	•3620	26600	17100	•4460
FE2O3	26100	110000	80300	26500
MGO	15300	98500	102000	22500
MNO	•0922	•2490	•2440	•1530
NA2O	32100	41800	44200	57600
P2O5	0	777	490	1010
SI02	797000	486000	446000	659000
TIO2	•1910	13800	10100	•3680
K2O	•7020	•2860	•1490	•2410
BA	122	58	35	0
SR	94	204	177	113

*Cherty Hy.
 Upper road*

*Vesic.
 andes.
 above #1
 showing*

*as
 ←*

*silicified?
 above #1
 showing*