

# CORPORATION FALCONBRIDGE COPPER

FILE

MEMORANDUM

82K/12  
82L/19

DATE: October 10, 1984

TO: A. J. Davidson

825256

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DE  
FROM: Ian D. Pirie

SUJET  
SUBJECT: MURRAY CLAIMS - GALENA BAY - PROPERTY VISIT (July 29th)

- 120 units due August 23rd, 1 years assessment done, report in prep.
- rocks are gneisses and schists of the Shuswap Complex. Mixed qtz-bio (+ hb) gneisses (metasediments), hb-qtz-fp gneisses (metavolcanics - mafic-intermediate fragmentals).
- cp-py-po (sp-gn) mineralization occurs as stratiform layers up to 1m thick. Layers are schistose and chloritic (biotitic - garnetiferous) and often spatially related to aplite sills (and dykes). No obvious spatial relationship to volcanics - mineralization in both sed & volcs, best in sed. Wkly - strongly diss'd with local semi-massive patches. Good lateral continuity but no evidence of blossoming. Mt. increases downhill both with sulphides & background.
- no evidence of alteration other than directly with sulphides. Prob. stratiform but definitely distal distal.
- 150m dip extent down 1st creek at approx. slope of hill. Some evidence of better mineralization at structural complications (fold/fault).
- potential - reasonable for sedex (Goldstream type?)
- Exploration moderately expensive but access good, terrain is rugged. Drill access poss. with effort.
- Priority - lower than existing projects.
- Targets - no specific target yet - needs a lot of work - geophysics problem due to strata paralleling hill slope. Soils proving inconsistent. Outcrop great in creeks & on cliffs, quite poor elsewhere.



Ian D. Pirie

IDP/ik



CORPORATION FALCONBRIDGE COPPER

6415 - 64th Street  
Delta, B.C., Canada V4K 4E2  
Telephone (604) 946-5451

October 10, 1984

Mrs. Fran Jenkins  
Box 990  
Revelstoke, B. C.  
VOE 2S0

Dear Fran:

I have just discovered that, due to an oversight, you were never sent a copy of the results of samples which I took on the visit to your Murray claims. Please find one enclosed.

I sincerely apologize for the resultant delay and hope that it has not caused you too much inconvenience.

Hope the prospecting is going well.

Yours truly,

Ian D. Pirie  
Project Geologist

IDP/ik



# TERRAMIN RESEARCH LABS LTD.

Corp. Falconbridge Copper

Project "BAR"

JOB # 84-188

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Client No.	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	K <sub>2</sub> O %	Fe <sub>2</sub> O <sub>3</sub> %	MnO %	TiO <sub>2</sub> %	Ba ppm	L.O.I. %	Cu ppm	Zn ppm	Pb ppm
<del>2535</del>	<del>46.0</del>	<del>17.6</del>	<del>2.21</del>	<del>4.94</del>	<del>2.14</del>	<del>4.66</del>	<del>16.9</del>	<del>.072</del>	<del>2.37</del>	<del>850</del>	<del>3.95</del>	<del>760</del>	<del>111</del>	<del>1</del>
<del>2536</del>	<del>46.0</del>	<del>14.4</del>	<del>3.47</del>	<del>8.74</del>	<del>1.37</del>	<del>.384</del>	<del>13.6</del>	<del>.084</del>	<del>1.20</del>	<del>110</del>	<del>9.80</del>	<del>93</del>	<del>102</del>	<del>6</del>
<del>2538</del>	<del>49.4</del>	<del>11.3</del>	<del>9.37</del>	<del>7.89</del>	<del>1.47</del>	<del>.240</del>	<del>8.17</del>	<del>.177</del>	<del>1.38</del>	<del>320</del>	<del>9.40</del>	<del>860</del>	<del>300</del>	<del>7</del>
<del>2540</del>	<del>38.7</del>	<del>14.2</del>	<del>7.88</del>	<del>4.81</del>	<del>1.51</del>	<del>2.14</del>	<del>10.3</del>	<del>.070</del>	<del>1.85</del>	<del>4200</del>	<del>10.7</del>	<del>140</del>	<del>38</del>	<del>29</del>
2900 Aplite sill.	71.9	14.0	.922	.146	4.42	5.25	1.00	.025	.050	2040	0.85	5	31	
2901 Sp-grt-bio gr. Wallrock - top shaly	61.4	15.9	1.58	2.88	3.60	2.07	8.57	.161	.384	440	2.60	1650	270	
2902 " N side of Ck	63.3	17.0	2.29	2.52	5.96	1.41	3.15	.068	.467	450	1.85	25	74	
Strongly jointed rock on road 2910 NEAR ROCK PIT.	73.4	13.8	.060	.237	2.39	4.35	2.35	.019	.133	850	1.95	28	26	



**ASSAY REPORT**

TO: Corporation Falconbridge Copper  
 6415 - 64 Street  
 Delta, B.C.  
 V4K 4E2

FILE NO.: 84-207

DATE: August 13, 1984

ATTENTION: A. Davidson cc. I. Pirie

PROJECT: 206


Sample Description	Au g/t	Ag g/t	Cu %	Pb %	Zn %
2903	.80	23	2.96	.03	.04
2904	2.90	53	4.82	.01	.04
2905	.70	17	1.25	.06	.04
2906	.30	22	1.78	L.01	.05
2907	5.30	31	2.67	.46	.46
2908	.10	L.5	.34	.01	.01
2909	L.05	L.5	.52	L.01	.01

"L" indicates less than

Au, Ag: fire assay, gravimetric finish.  
 Cu, Pb, Zn: aqua regia digestion, AA.

All samples taken from the Murray Claims, Galena Bay, B.C.  
 Locations on accompanying map.

Rejects retained one month,  
 pulps one year, unless  
 specific arrangements made.

  
 Certified Assayer of British Columbia

GEOCHEMICAL REPORT

Sample Description	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
IP1	L5	.5	2,000	280	440
IP2	L5	.9	1,050	58	210
IP3	L5	.1	180	42	102

SOIL SAMPLES

"L" indicates "less than"  
 "G" indicates "greater than"

Results on page 2 are geochemical determinations:  
 Au: fire assay, AA finish.  
 Ag,Cu,Pb,Zn: 20% nitric acid digestion, AA finish.

..... *Neil Sage* .....





Top showing  
BCS 2901 (wa)  
2903, 2904 (assay)

Top showing  
N side  
BCS 2905 (assay)  
2902 (wa)

str. carbonated rock  
w. quartz veins pos.  
BCS 2910 (wa)

Rock pit

Wtly diss'd p3-ep  
qtz. bio quartz  
BCS 2909

BCS 2906

BCS 2900 (wa)

BCS 2908

BCS 2907

A soil anomaly  
3: PI-IP3

Longworth Cr.

Road to Rock Pit

32 Miles  
To Revelstoke

Bannock Cr

Arrow Reservoir

Shelter Bay

To Revelstoke

To Neboles