

MIN-EN Laboratories Ltd.

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

Bar 1984
825437

ANALYTICAL REPORT

Project 215 Date of report June 25/84.

File No. 4-387 Date samples received June 15/84.

Samples submitted by:

Company: Corp. Falconbridge Copper

Report on: 18 HM Geochem samples

Assay samples

Copies sent to:

1. Corp. Falconbridge Copper, Delta, B.C.

2. M. Burson, Barriere, B.C.

3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored discarded

rejects stored discarded

Methods of analysis: HM-Specific gravity flotation and 26 ICP Analysis.

Total Ba-fusion.A.A., Au-aqua regia.A.A.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT: 215
ATTENTION: A.DAVIDSON/M.BURSON

FILE 4-387
DATE: JUNE 25/84
TYPE: HEAVY MINERAL

We hereby certify that the following are the results of the geochemical analysis made on 18 samples submitted.

SAMPLE NUMBER	AU PPB	TOTAL BA PPM
500	15	520
501	100	450
502	30	600
503	450	550
504	35	740
505	40	910
506	1100	460
507	145	530
508	5	500
509	15	710
510	10	490
511	25	570
550	900	600
551	10	930
552	5	400
553	5	300
554	5	200
555	5	300

Certified by



COMPANY: CORP. FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

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PROJECT No: 215

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-387HM

ATTENTION: J.DAVIDSON/M./BURSON

(604)980-5814 DR (604)988-4524

TYPE HEAVY MINERAL

DATE: JUNE 25, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K	MG
500	1.1	13100	0	13	8	8250	2.2	38	32	90500	380	8850
501	1.1	9430	0	10	9	5760	2.3	33	29	77300	219	8000
502	1.4	14100	0	13	12	8470	2.0	32	22	70500	363	11600
503	1.0	14700	8	14	8	9690	2.6	35	24	77500	348	10200
504	1.1	7350	9	10	8	11300	2.2	31	26	65000	240	8080
505	1.0	5720	21	9	7	6170	3.9	43	68	88700	176	7540
506	1.0	9480	6	10	8	5730	2.5	37	34	76800	214	7270
507	1.5	13100	29	15	13	10100	3.3	38	50	89000	189	7970
508	1.0	10700	4	10	9	8900	1.2	21	20	51400	160	5450
509	1.0	12400	29	14	7	12600	3.4	40	52	85100	266	7980
510	1.3	11600	15	12	11	8880	2.1	34	48	76200	216	6950
511	.9	10500	8	10	8	8410	1.5	21	16	51900	221	5530
550	1.5	18200	21	17	16	10800	2.7	37	42	93900	156	10300
551	2.0	17100	0	16	23	11000	.7	37	41	91800	124	10900
552	2.0	22800	0	22	25	18600	.2	36	41	91400	189	11900
553	1.5	17600	0	15	18	13200	.0	25	15	62000	113	9550
554	1.7	16300	0	14	20	11900	.0	26	18	63100	116	9950
555	1.3	9970	0	9	12	9520	.9	17	12	45500	349	4400

REPORT VALUES IN PPM)	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
500	658	3	53	52	1920	38	11	63	0	32	61.0	123
501	515	2	41	53	969	37	7	44	3	29	43.2	103
502	452	2	47	58	1630	29	10	63	0	37	60.5	88
503	492	3	37	57	2140	37	14	70	0	36	62.5	118
504	429	2	45	52	1000	33	10	55	2	38	42.3	88
505	870	5	63	54	982	69	12	44	0	35	39.2	161
506	480	3	41	53	947	35	10	43	0	41	47.7	100
507	472	3	104	52	1260	59	12	42	14	47	76.0	162
508	341	1	86	32	775	22	7	41	5	33	52.4	95
509	683	4	47	67	2670	46	15	75	5	38	52.3	146
510	504	4	56	50	1350	92	12	55	5	37	52.5	157
511	474	3	84	36	1200	28	10	45	5	38	46.8	108
550	645	2	159	60	436	34	6	29	0	27	98.6	146
551	478	0	156	43	322	20	1	26	0	26	124.4	101
552	537	0	238	35	459	19	7	37	0	32	154.4	83
553	326	0	211	24	154	8	4	24	0	29	100.6	36
554	329	0	184	25	239	10	2	25	0	32	95.1	40
555	533	1	318	20	496	17	5	60	1	41	46.2	46

LOCATION: J. DAVIDSON/M./BURSON

REPORT VALUES IN PPM

	BA	SE	HM%
500	78	0	6.42
501	40	0	6.60
502	63	0	9.52
503	68	0	7.83
504	177	0	9.97
505	138	0	7.18
506	47	0	7.52
507	116	0	5.80
508	42	0	2.95
509	107	0	4.11
510	94	0	5.92
511	55	0	3.91
550	93	0	14.85
551	309	0	13.95
552	76	0	10.97
553	30	0	31.32
554	37	0	28.04
555	34	0	24.81

MIN-EN Laboratories Ltd.

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

ANALYTICAL REPORT

Project 215 Date of report July 11/84

File No. 4-489 Date samples received July 2/84

Samples submitted by:

Company: Corp. Falconbridge Copper

Report on: 11 HM Geochem samples

Assay samples

Copies sent to:

1. Corp. Falconbridge Copper, Barriere, B.C.
2. Corp. Falconbridge Copper, Delta, B.C.
- 3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored discarded

rejects stored geodiscarded

Methods of analysis: ICP 26 element, HM floatation, Ba fusion A.A. analysis., Au aqua regia A.A. analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

PROJECT No: 215

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-489HM

ATTENTION: M. J. BURSON

(604)980-5814 OR (604)982-4524

DATE: JULY 11, 1994

(REPORT VALUES IN PPM)	AG	AL	AS	P	SI	CA	CO	CR	CU	FE	K	MG
512	.8	6970	0	8	2	4520	.0	15	24	45500	286	3720
513	1.2	3670	8	5	3	2560	.0	10	8	26800	187	2540
514	.8	13200	0	15	2	3980	.0	25	24	71000	615	7450
515	.6	12200	0	16	1	6860	.0	42	93	111000	459	9300
516	1.2	15100	0	18	2	6610	.0	44	77	132000	216	7780
535	4.2	16000	27	19	6	6910	.0	34	107	109000	249	8830
537	7.5	18100	0	19	7	9410	.0	32	47	91800	414	9920
538	1.8	20100	0	20	11	13700	.0	31	30	120000	446	10400
539	1.3	17700	0	17	8	11400	.0	25	20	90000	279	10600
540	1.2	15900	0	15	6	9800	.0	23	18	80700	227	9830
561	1.9	24500	0	23	12	16500	.0	32	26	130000	452	10300

(REPORT VALUES IN PPM)	MM	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
512	215	0	147	23	450	58	0	22	0	1	31.8	43
513	158	1	46	13	564	9	1	16	0	40	19.0	26
514	321	0	235	38	1900	0	0	45	0	6	52.0	63
515	782	1	86	71	1400	0	0	40	0	0	56.3	98
516	770	0	128	70	269	9	0	3	0	0	83.4	147
556	586	1	172	49	318	337	0	14	0	0	84.3	466
557	2300	0	424	44	425	720	0	19	0	0	95.3	94
558	343	0	858	28	0	0	0	12	0	0	121.5	24
559	312	0	589	34	0	0	0	11	0	0	89.0	18
560	282	0	463	33	0	0	0	10	0	0	79.8	18
561	434	0	879	23	0	0	0	16	0	0	127.9	22

COMPANY: CORP. FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

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PROJECT No: 215

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-489HM

ATTENTION: M. J. BURSON

(604)980-5814 DR (604)988-4524

DATE: JULY 11, 1984

REPORT VALUES IN PPM	BA	EE BA-TOTAL	AU-PPB	UM%	
512	24	0	200	5	8.56
513	19	0	300	5	3.90
514	41	0	340	625	4.58
515	48	0	320	5	11.07
516	73	0	400	40	14.33
535	136	0	800	930	15.36
537	270	0	720	370	13.45
538	79	0	300	5	22.66
539	45	0	210	5	35.36
540	40	0	260	5	36.07
541	63	0	370	5	26.11

MIN-EN Laboratories Ltd.

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

ANALYTICAL REPORT

Project 215 Date of report July 26/84

File No. 4-615 Date samples received July 20/84

Samples submitted by:

Company: Corp. Falconbridge Copper

Report on: 2 HM Geochem samples

..... Assay samples

Copies sent to:

1. Corp. Falconbridge Copper, Barriere, B.C.

2. Corp. Falconbridge Copper, Delta, B.C.

3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored discarded

rejects HM stored discarded

Methods of analysis: HM analysis., ICP 26 element., Ba fusion A.A., Au
aqua regia A.A. analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

705 WEST 15th STREET NORTH VANCOUVER, B.C. CANADA V7M 1T2

PHONE: (604) 720-5314 OR (604) 988-4524

TELEX: 04-332819

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT: 215
ATTENTION: M. BURSON/A. DAVIDSON

FILE: 4-615
DATE: JULY 26/84
TYPE: HEAVY MINERAL

We hereby certify that the following are the results of the geochemical analysis made on 2 samples submitted.

SAMPLE NUMBER	TOTAL EA PPM
AME19	310
AME20	200

Certified by

COMPANY: CORP. FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

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PROJECT No: 016

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-615

ATTENTION: M. DUREN/A. DAVIDSON

(604)580-8814 OR (604)988-4514

DATE: JULY 16, 1984

(REPORT VALUES IN PPM)	AG	AL	AS	B	BT	CA	CD	CO	CU	FE	K	MG
HMS19	2.0	14700	3	13	17	1000	.3	35	32	83400	807	7150
HMB20	1.8	12000	2	14	14	9600	.0	20	16	55900	475	5590

PROJECT No: 015

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-615

ATTENTION: M. BURSON/A. DAVIDSON

(604)930-8814 OR (604)932-4524

DATE: JULY 24, 1984

REPORT VALUES IN PPM	MM	MO	NA	NI	P	PB	SE	SR	TH	U	V	ZN
HME19	644	2	150	49	1340	5	1	64	0	10	77.6	78
HME20	316	1	150	24	1470	1	1	55	0	14	65.6	45

COMPANY: CORP. FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

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PROJECT No: 215

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE No: 4-615

ATTENTION: M. BURSON/A. DAVIDSON

(604)980-5814 OR (604)988-4524

DATE: JULY 26, 1984

REPORT VALUES IN PPM	BA	SE	AU-PPB	HMZ
HM519	72	0	5	4.68
HM520	41	0	<5	3.64