



**MIN-EN Laboratories Ltd.**

*Specialists in Mineral Environments*

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

AUG - 2 1985

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

TELEX: 04-352828

**CERTIFICATE OF ASSAY**

COMPANY: CORP. FALCONBRIDGE COPPER  
 PROJECT: 302-20%, 305-80%  
 ATTENTION: D. LEFEBURE

FILE: 5-413  
 DATE: AUGUST 1/85.  
 TYPE: ROCK ASSAY

*We hereby certify that the following are assay results for samples submitted.*

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %
BCS-2421 <i>chert</i>	0.2	0.01	.02	0.001	.026	.01	.01
BCS-2422 <i>chert</i>	6.0	0.17	.06	0.002	1.700	.01	.03
4031 (TAILS)	58.0	1.69	.65	0.019	.260	.26	1.55
4032 (TAILS)	20.0	0.58	.97	0.028	.090	.10	.66

*sw of Lenora Type*

*2421 - ~~Copper Canyon~~, felsics - river within in G.D. diorite  
 2422 →*

Certified by

MIN-EN LABORATORIES LTD.

PROJECT NO: 80-305

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

FILE NO: 5-873/P1+2

ATTENTION: D.LEFEBURE

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

\* TYPE ROCK GEOCHEM \* DATE: NOV 8, 1985

(VALUES IN % )	AL2O3	BA	CAO	FE2O3	K2O	HGO	MNO2	NA2O	PB	SI02	TIO2	ZR
PEP4129	14.26	.090	1.64	2.30	4.18	.48	.08	3.33	.009	72.93	.33	.009
PEP4130	12.96	.048	3.07	2.23	2.21	.58	.09	4.02	.015	66.91	.30	.008
PEP4131	14.77	.061	1.21	3.21	1.99	2.20	.11	3.83	.014	67.20	.33	.009
PEP4132	12.13	.120	2.31	1.73	3.67	.63	.10	2.84	.012	70.49	.25	.008
PEP4133	14.43	.067	4.36	3.28	1.88	1.61	.10	1.88	.014	68.87	.33	.009
PEP4134	13.37	.091	1.79	2.34	4.04	.49	.09	3.84	.006	72.16	.29	.008
PEP4135	13.21	.046	1.75	1.23	2.96	.31	.04	4.76	.009	72.22	.30	.008
PEP4136	12.64	.121	.62	1.02	4.16	.36	.02	3.38	.005	77.14	.19	.005
PEP4137	16.78	.018	1.64	12.26	1.35	3.82	.27	3.78	.019	52.17	2.65	.016
PEP4138	13.70	.071	.87	2.95	4.28	.80	.10	4.55	.007	71.66	.33	.008
PEP4139	14.01	.080	.42	2.37	5.57	2.32	.10	1.84	.011	67.80	.30	.010
PEP4140	14.98	.117	.13	2.47	7.07	.69	.10	3.62	.008	69.26	.35	.009
PEP4141	10.66	.052	.44	2.40	2.56	1.44	.07	3.10	.011	72.33	.21	.005
PEP4142	10.60	.086	1.68	1.54	2.88	1.71	.03	1.64	.007	75.97	.14	.005
PEP4143	14.95	.047	2.61	18.49	1.43	7.31	.44	.82	.026	46.36	2.39	.016
PEP4144	13.29	.095	1.35	2.22	6.60	.44	.06	4.56	.011	69.80	.30	.006
PEP4145	13.82	.071	.84	2.99	4.42	.89	.09	4.91	.012	70.40	.32	.006
PEP4146	13.30	.080	1.61	2.49	5.87	.38	.04	4.00	.016	70.66	.30	.005
PEP4147	17.52	.022	10.02	11.26	.61	5.75	.28	2.25	.026	46.66	.81	.005
PEP4148	12.11	.192	.33	1.45	4.38	.69	.02	4.43	.010	69.96	.20	.005
PEP4149	13.85	.129	1.14	2.85	5.15	.65	.10	4.68	.005	70.64	.32	.006
PEP4150	13.83	.091	.50	2.28	3.70	.60	.08	5.12	.006	72.92	.31	.007
PEP4151	13.57	.078	1.06	2.84	2.35	1.89	.11	2.53	.007	70.98	.28	.009
PEP4152	10.87	.268	.03	.87	8.05	.24	.03	.81	.005	78.01	.25	.005
PEP4153	3.52	.282	.49	1.57	.62	.98	.04	.13	.005	86.99	.16	.005
PEP4154	12.23	.118	.36	2.70	6.42	.74	.02	1.04	.007	67.08	.22	.005
PEP4155	15.15	.103	1.79	4.37	1.45	2.38	.17	5.51	.013	62.21	.38	.006
PEP4156	17.68	.010	8.48	10.53	.49	4.97	.33	3.53	.016	46.74	.83	.005
PEP4157	15.15	.019	3.52	9.36	.61	5.40	.37	4.64	.008	51.23	.75	.005
PEP4158	11.82	.017	5.04	18.59	.75	4.04	.47	2.04	.023	50.75	5.14	.021
PEP4225	11.58	.005	11.16	3.39	.03	1.04	.07	.01	.005	68.39	.12	.005
PEP4226	19.53	.020	9.90	11.77	.53	2.39	.29	3.61	.020	45.93	1.30	.009
PEP4227	7.45	.191	2.98	2.67	1.23	.95	.04	1.30	.005	76.08	.37	.005
PEP4228	13.69	.098	1.03	2.05	6.64	.73	.15	2.29	.005	67.56	.33	.006
PEP4229	19.83	.038	10.66	7.75	.87	3.52	.23	3.60	.016	50.80	1.01	.005
PEP4230	13.59	.007	10.40	13.11	.35	5.33	.30	2.11	.014	48.61	2.59	.016
PEP4231	14.55	.033	6.59	10.99	1.27	4.29	.33	3.27	.017	56.09	1.43	.009
PEP4232	18.54	.019	7.92	7.33	1.31	2.46	.19	3.58	.016	57.83	.97	.005
PEP4233	13.53	.087	1.01	3.08	3.69	.90	.12	3.30	.005	66.85	.33	.006
PEP4234	17.12	.021	11.04	10.95	.35	5.27	.30	2.65	.024	48.44	.81	.005
PEP4235	13.62	.103	3.31	2.73	4.21	.53	.09	2.58	.005	72.03	.33	.007
PEP4236	14.20	.024	8.44	13.39	1.01	3.86	.33	2.25	.019	50.03	2.76	.017
PEP4237	12.91	.008	8.87	14.41	.28	4.85	.32	2.61	.013	51.45	2.89	.018
PEP4238	11.70	.018	4.99	17.64	.73	3.86	.45	2.38	.019	51.72	5.13	.027

COMPANY: CORP.FALCONBRIDGE COPPER

MIN-EN LABS ICP REPORT

(ACT:L126) PAGE 2 OF 2

PROJECT NO: 80-305

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

FILE NO: 5-873/P1+2

ATTENTION: D.LEFEBURE

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

\* TYPE ROCK GEOCHEM \* DATE:NOV 8, 1985

(VALUES IN % )	CU-PPM	ZN-PPM
PEP4129	16	32
PEP4130	16	44
PEP4131	18	70
PEP4132	13	98
PEP4133	16	41
PEP4134	24	52
PEP4135	9	16
PEP4136	8	4
PEP4137	194	110
PEP4138	12	28
PEP4139	10	48
PEP4140	8	20
PEP4141	22	52
PEP4142	12	36
PEP4143	20	214
PEP4144	12	32
PEP4145	8	48
PEP4146	6	12
PEP4147	140	50
PEP4148	40	32
PEP4149	20	71
PEP4150	8	36
PEP4151	8	52
PEP4152	24	22
PEP4153	16	20
PEP4154	14	20
PEP4155	25	88
PEP4156	9	84
PEP4157	120	104
PEP4158	232	116
PEP4225	11	12
PEP4226	122	92
PEP4227	27	28
PEP4228	8	40
PEP4229	9	56
PEP4230	84	52
PEP4231	96	80
PEP4232	12	56
PEP4233	16	43
PEP4234	108	52
PEP4235	8	28
PEP4236	204	74
PEP4237	104	64
PEP4238	252	104

INSTR	IN %	AL2O3	BA	CaO	FE2O3	K2O	MgO	MNO2	Na2O	P2O5	SiO2	TiO2	Zr
BCD3625	18.94	.081	1.70	3.68	4.81	.91	.04	2.71	.005	64.97	.32	.021	
BCD3627	16.54	.068	2.89	3.10	2.65	1.81	.07	3.11	.005	67.02	.30	.018	
BCD3628	13.84	.047	2.44	2.71	1.97	.98	.06	3.73	.005	71.61	.25	.016	
BCD3629	13.43	.053	2.47	3.22	1.96	.78	.05	3.46	.005	69.96	.27	.013	
BCD3630	16.53	.059	2.51	4.61	2.36	2.24	.06	3.08	.005	63.29	.42	.016	
BCD3631	18.23	.035	5.92	6.90	.82	2.58	.26	4.21	.005	58.67	.43	.005	
BCD3632	15.55	.015	10.55	12.54	.19	5.77	.30	2.00	.008	48.74	1.63	.009	
BCD3633	13.98	.007	.95	1.41	.03	.31	.05	7.99	.005	73.57	.33	.015	
BCD3634	12.76	.064	1.93	.72	1.52	.23	.02	3.99	.005	76.77	.30	.012	
BCD3635	12.89	.058	3.93	9.37	1.06	.76	.19	4.39	.005	64.21	.77	.044	
BCD3636	19.84	.061	3.31	4.97	1.10	2.19	.06	3.71	.005	61.76	.53	.021	
BCD3637	13.01	.035	1.37	1.69	1.07	.37	.05	5.42	.005	73.22	.17	.005	
BCD3638	14.73	.099	2.47	2.21	2.58	.44	.07	3.91	.005	71.40	.20	.006	
BCD3639	16.88	.074	9.65	5.17	.46	1.69	.40	7.15	.005	53.75	.76	.005	
BCD3640	19.27	.092	7.16	6.72	.56	3.07	.41	7.12	.007	53.21	.92	.005	
BCD3641	14.41	.011	5.27	8.04	.04	2.18	.22	5.93	.010	60.56	.50	.005	
BCD3642	18.69	.149	9.60	12.93	1.58	2.49	.44	4.36	.012	45.36	1.18	.005	
BCD3643	19.10	.090	8.34	9.94	1.27	2.59	.42	5.07	.014	49.62	1.26	.005	
BCD3644	17.09	.078	2.78	4.51	5.06	1.15	.25	3.53	.005	62.43	.27	.015	
BCD3645	17.12	.091	3.59	4.77	4.06	1.17	.38	3.91	.006	63.51	.27	.012	
BCD3646	16.97	.085	3.54	4.36	5.42	1.00	.23	2.40	.005	64.42	.25	.013	
BCD3647	15.12	.017	10.30	12.25	.20	5.99	.33	1.80	.016	49.05	1.80	.008	
BCD3648	16.74	.105	3.45	4.16	5.09	.95	.20	2.88	.006	63.56	.25	.013	
BCD3650	14.60	.049	1.75	2.72	1.36	.62	.10	4.95	.005	71.87	.41	.012	
BCD3651	19.12	.023	14.29	8.11	.96	3.36	.32	3.07	.013	47.81	.77	.005	
BCD3652	18.46	.021	12.77	9.26	.91	3.26	.30	2.71	.015	50.45	.79	.005	
BCD3653	16.55	.049	4.32	6.78	1.58	2.09	.19	3.64	.012	62.64	.64	.008	
BCD3654	12.56	.081	1.89	1.64	1.71	.53	.08	4.05	.005	75.81	.18	.005	
BCD3655	11.92	.070	3.87	6.07	3.60	.40	.08	.28	.011	73.33	.15	.005	
BCD3656	11.99	.079	2.08	4.50	3.86	.38	.05	.22	.005	73.72	.18	.005	
BCD3657	20.01	.042	6.15	6.61	1.39	1.84	.17	5.21	.007	55.90	.88	.006	
BCD3660	15.97	.045	4.42	6.56	1.53	1.79	.19	3.62	.005	62.88	.65	.009	
BCS2452	12.91	.090	1.35	1.53	6.05	.85	.09	1.03	.005	74.11	.21	.008	

COMPANY: CORP. FALCONBRIDGE COPPER

PROJECT NO: 705-305

ATTENTION: D. LEFEBURE

MIN-EN LABS ICP REPORT

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

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

(ACT:LI26) PAGE 2 OF 2

FILE NO: 5-974/P1+2

\* TYPE ROCK GEOCHEM \* DATE: DEC. 13, 1985

(VALUES IN % )	CU-PPM	ZN-PPM
BCD3626	7	56
BCD3627	8	54
BCD3628	11	81
BCD3629	9	58
BCD3630	20	110
BCD3631	11	112
BCD3632	184	70
BCD3633	415	33
BCD3634	19	14
BCD3635	200	69
BCD3636	38	285
BCD3637	10	18
BCD3638	16	68
BCD3639	65	127
BCD3640	51	405
BCD3641	205	130
BCD3642	400	115
BCD3643	134	104
BCD3644	39	163
BCD3645	29	180
BCD3646	21	84
BCD3647	172	78
BCD3648	13	45
BCD3650	17	72
BCD3651	120	87
BCD3652	106	83
BCD3653	24	92
BCD3654	11	27
BCD3655	18	118
BCD3656	22	69
BCD3657	120	76
BCD3660	26	82
BCS2452	11	25

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

CERTIFICATE OF ASSAY

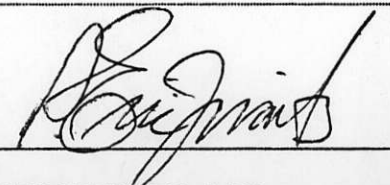
COMPANY: CORP. FALCONBRIDGE COPPER  
PROJECT: 705-305  
ATTENTION: D. LEFEBURE/A. J. DAVIDSON

FILE: 5-974  
DATE: DEC. 12/85.  
TYPE: ROCK ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NUMBER	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	CU %	PB %	ZN %
BCD3649	1.6	0.05			.010		.02
BCS2451	460.0	13.42	.38	0.011	2.210	24.75	5.21

Certified by



MIN-EN LABORATORIES LTD.

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

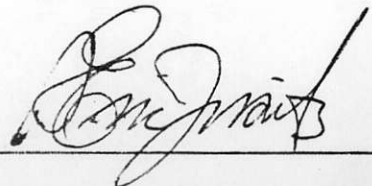
COMPANY: CORP.FALCONBRIDGE COPPER  
PROJECT: 705-305  
ATTENTION: D.LEFEBURE

FILE: 5-974  
DATE: DEC.12/85.  
TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 3 samples submitted.

SAMPLE NUMBER	AU PPB	BA PPM	CO2 AS % CaCO3 EQUIVALENCE
BCD3638			5.33
BCD3649	5	1200	
BCS2451		1000	

Certified by





**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:

ATTENTION:

FILE: 5-991

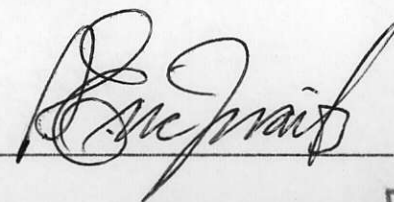
DATE: DEC. 24/85.

TYPE: ROCK GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 22 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	BA PPM
3658	10	7	9	1.1	17	1250
3659	12	33	124	.6	3	810
3661	103	19	835	1.2	3	150
3662	165	16	50	1.1	5	250
3663	7	14	23	.8	1	800
3664	475	19	57	1.7	5	910
3665	6	8	9	.5	2	770
3666	70	9	24	.6	4	1700
3667	46	15	41	.7	5	1000
3668	22	16	3	.4	3	820
3669	9	10	10	.9	1	750
3670	16	18	78	1.3	4	1000
3671	110	32	120	1.5	4	1050
3672	8	11	22	1.0	3	790
3673	10	8	31	.9	6	1250
3674	9	8	26	.7	3	1000
3675	15	7	29	1.0	1	1520
3851	39	16	39	1.4	4	1400
3852	7	48	13	.8	5	1270
3853	8	12	36	.6	2	1500
3854	36	9	30	.9	5	1300
3855	23	18	37	.8	3	1600

Certified by



DEC 31 1985