

JUN 18 1984

MIN-EN Laboratories Ltd.

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

824362
ReaGold
lea

ANALYTICAL REPORT

Project 212 Date of report June 14/84.

File No. 4-352 Date samples received June 7/84.

Samples submitted by: I. Pirie

Company: Corp. Falconbridge Copper

Report on: 246 soils Geochem samples

..... Assay samples

Copies sent to:

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

Samples: Sieved to mesh -80 Ground to mesh

Prepared samples stored discarded

 rejects stored discarded

Methods of analysis: Cu, Pb, Zn, Ag-nitric, perchloric digestion.A.A.,

..... As-Spectrophotometric., Au-aqua regia.A.A.

Remarks:

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Specialists in Mineral Environments

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

TELEX: 04-352828

GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
 PROJECT: 212
 ATTENTION: I. PIRIE

FILE: 4-352/P1
 DATE: JUNE 14/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
001	16	8	68	1.0	5	5
002	25	9	67	1.2	3	5
003	58	17	90	1.5	4	5
004	38	20	73	1.2	2	5
005	19	10	59	1.0	2	5
006	16	8	43	0.9	2	<5
007	8	11	34	0.7	4	10
008	10	12	66	0.6	2	5
009	23	8	62	0.9	2	10
010	11	5	57	0.9	3	5
011	12	10	56	1.1	4	5
012	12	10	63	0.7	3	5
013	10	9	51	0.8	2	15
014	21	16	190	0.7	7	5
015	34	16	380	0.9	20	15
016	46	22	198	0.6	14	10
017	24	13	113	0.9	6	5
018	57	18	108	1.0	2	5
019	14	10	99	0.6	3	5
020	14	13	76	0.8	1	5
021	5	6	58	0.4	2	<5
022	16	17	63	0.7	3	10
023	45	21	67	1.1	4	5
024	34	18	68	0.7	3	5
025	10	10	59	0.6	2	5
026	48	13	69	0.8	2	10
027	24	14	52	0.9	4	5
028	48	20	80	1.0	3	5
029	20	12	67	0.7	2	5
030	4	4	33	0.4	3	5

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COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT: 212
ATTENTION: I. PIRIE

FILE 4-352/P2
DATE: JUNE 14/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PB
031	13	9	47	0.9	4	5
032	23	11	79	1.0	6	5
033	14	12	65	0.9	2	<5
034	15	10	84	0.5	2	5
035	11	10	51	0.6	6	5
036	16	12	54	0.8	4	5
037	11	18	90	0.8	6	5
038	13	9	57	0.8	3	<5
039	20	9	56	0.7	5	5
040	18	19	73	1.0	2	5
041	15	13	44	0.6	2	10
042	13	7	64	0.9	3	<5
043	11	9	35	0.7	5	5
044	33	14	39	0.7	3	5
045	22	8	37	0.9	2	10
046	15	11	33	0.5	2	5
047	13	10	45	0.7	5	5
048	19	12	43	0.5	4	5
049	20	11	45	0.6	3	10
075	6	6	130	0.7	4	5
076	28	17	114	0.7	5	5
077	42	24	83	0.9	5	15
078	27	14	107	0.9	3	5
079	20	8	79	0.5	4	5
080	11	7	70	0.8	4	5
081	25	17	65	0.9	6	10
082	26	15	64	0.7	6	<5
083	10	6	67	0.6	5	5
084	8	5	56	0.8	5	5
085	22	14	61	1.0	4	10

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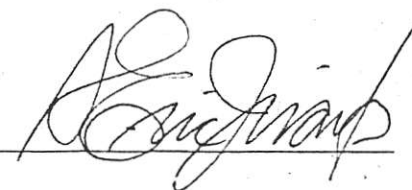
COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT: 212
ATTENTION: I. PIRIE

FILE 4-352/P3
DATE: JUNE 14/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
086	13	14	68	0.8	2	5
087	11	12	75	0.7	4	5
088	9	11	49	0.7	5	10
089	8	8	21	0.6	3	5
090	23	15	158	0.4	2	5
091	12	19	318	0.5	5	15
092	11	8	108	0.5	1	5
093	26	13	51	0.8	3	10
094	32	14	48	0.8	4	5
095	36	61	105	0.9	7	5
096	60	26	117	1.0	7	5
097	13	16	79	0.6	5	5
098	28	12	77	0.6	3	5
099	9	6	54	0.9	3	5
100	11	10	70	1.0	3	<5
101	56	28	215	0.9	18	5
102	9	8	80	0.8	4	<5
103	15	12	54	0.8	2	5
104	12	8	74	0.8	5	5
105	11	13	86	0.7	3	5
106	6	12	78	0.6	3	10
107	9	14	42	0.5	5	5
108	10	10	63	0.7	2	<5
109	9	13	44	0.7	4	5
110	12	10	49	0.7	5	5
111	7	11	43	0.6	5	<5
112	8	13	103	0.6	5	5
113	5	10	42	0.5	5	5
114	29	21	63	1.3	4	<5
115	18	16	39	0.8	4	5

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COMPANY: CORP. FALCONBRIDGE COPPER
 PROJECT: 212
 ATTENTION: I. PIRIE

FILE 4-352/P4
 DATE: JUNE 14/84.
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
116	59	12	36	1.4	4	5
117	12	13	259	0.9	2	5
118	36	16	157	0.7	5	10
119	58	29	125	0.9	11	5
120	19	15	100	0.8	3	5
121	29	14	84	0.6	6	5
122	13	13	99	0.7	2	<5
123	20	15	86	0.9	7	5
124	34	10	60	0.6	2	5
126	78	14	120	0.6	11	5
127	35	20	66	0.6	8	10
128	39	19	59	0.7	8	5
129	101	15	80	0.9	5	<5
130	39	28	190	0.8	4	5
131	14	14	42	0.5	2	5
132	31	12	42	0.8	3	5
133	16	15	56	1.1	3	10
134	22	16	57	0.7	3	5
135	13	10	51	0.7	2	5
136	23	14	45	0.8	4	10
137	18	13	56	1.0	4	5
150	23	12	51	0.9	5	5
151	15	10	50	0.8	2	5
152	29	17	79	0.9	6	15
153	20	14	89	0.9	3	5
154	10	11	77	0.7	5	5
155	15	14	99	1.0	5	5
156	13	12	78	1.1	5	10
157	12	12	116	1.0	9	5
158	10	12	44	0.6	6	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
 PROJECT: 212
 ATTENTION: I. PIRIE

FILE 4-352/P5
 DATE: JUNE 14/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB	
159	12	13	57	0.6	5	10	
160	21	16	69	0.6	5	5	
161	12	14	68	0.6	5	5	
162	39	18	65	0.8	6	<5	
163	21	15	64	0.6	3	5	
164	22	20	79	0.6	7	5	
165	30	23	107	0.8	6	<5	
166	57	18	113	0.9	14	5	
167	36	18	65	0.5	8	5	
168	15	10	76	0.5	4	5	
169	19	19	135	0.8	6	5	
170	42	14	66	0.4	5	<5	
171	18	12	49	0.4	5	10	
172	15	18	55	0.6	2	5	
173	17	16	67	0.6	5	10	
174	11	9	49	0.4	5	10	
175	19	12	66	0.5	4	5	
176	10	10	92	0.6	5	5	
177	38	28	135	0.6	9	10	
178	17	14	60	0.4	2	<5	
179	31	17	57	0.5	4	15	
225	17	16	420	0.4	2	5	
226	68	32	1200	0.8	11	15	40MESH
227	82	38	2050	0.6	12	15	
228	27	10	240	0.6	6	10	
229	21	29	490	0.6	8	5	
230	53	38	190	1.0	13	5	
231	44	24	119	0.6	6	5	
232	7	8	69	0.3	5	10	
233	11	10	84	0.2	4	5	

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FILE 4-352/P6
 DATE: JUNE 14/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB	
234	43	24	70	0.6	5	5	40MESH
235	10	9	59	0.4	4	5	
236	12	14	63	0.4	3	5	
237	13	16	97	0.6	6	<5	
238	13	16	77	0.6	5	<5	
239	60	27	250	1.0	2	5	
240	44	22	151	0.8	12	10	
241	16	12	114	0.6	7	5	
242	14	10	83	0.5	2	5	
243	19	14	119	0.6	7	5	
244	47	24	190	0.8	18	10	
245	30	22	185	0.5	14	5	
246	9	10	82	0.4	1	5	
247	14	14	84	0.6	3	5	
248	13	12	63	0.5	4	5	
249	8	8	51	0.4	2	<5	
250	10	12	71	0.4	<1	10	
251	13	14	83	0.4	2	5	
252	25	18	72	0.5	1	5	
253	12	12	50	0.4	3	5	
254	17	14	54	0.2	2	5	
255	52	30	93	0.7	2	<5	
256	20	13	47	0.3	2	5	
257	13	12	68	0.4	7	5	
258	14	8	69	0.4	3	10	
259	22	29	685	0.6	3	15	
260	10	10	101	0.3	2	5	
261	11	9	145	0.5	2	10	
262	21	18	165	0.5	1	5	
263	10	10	132	0.4	2	5	

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
 PROJECT: 212
 ATTENTION: I. PIRIE

FILE 4-352/P7
 DATE: JUNE 14/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
264	61	34	119	0.9	4	15
265	24	13	37	0.3	1	5
266	6	6	42	0.3	5	5
267	25	12	64	0.4	3	10
268	7	4	59	0.2	2	<5
269	22	18	54	0.6	4	5
270	36	16	84	0.6	4	5
271	14	12	107	0.5	3	5
272	10	7	63	0.4	2	<5
273	11	8	58	0.4	8	<5
274	9	7	67	0.5	1	5
275	13	10	83	0.5	2	5
276	8	10	44	0.4	3	5
277	16	11	64	0.5	2	10
278	15	10	50	0.4	2	5
279	16	12	47	0.4	3	5
280	13	12	84	0.6	3	5
281	19	14	59	1.0	2	<5
282	25	18	75	0.8	1	5
283	17	16	83	0.6	4	5
284	13	11	86	0.6	5	10
285	13	14	60	0.4	2	5
286	12	12	53	0.4	3	10
287	19	18	65	0.6	3	5
288	28	19	65	0.7	1	5
289	21	18	86	0.6	2	5
290	40	14	77	0.6	4	5
291	14	14	46	0.6	<1	5
292	30	11	53	0.8	3	10
293	17	16	63	0.6	7	5

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GEOCHEMICAL ANALYSIS CERTIFICATE

COMPANY: CORP. FALCONBRIDGE COPPER
 PROJECT: 212
 ATTENTION: I. PIRIE

FILE 4-352/P8
 DATE: JUNE 14/84
 TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 30 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
294	14	10	78	0.4	<1	10
295	14	10	34	0.4	4	5
296	39	18	80	0.5	3	5
297	37	17	69	0.6	8	5
298	12	10	43	0.5	2	5
299	11	10	40	0.4	2	<5
425	50	46	200	0.8	10	5
426	15	8	21	0.6	2	<5
427	21	15	78	0.7	3	5
428	49	39	895	0.8	7	20
429	12	10	54	0.6	3	5
475	56	25	74	0.9	6	5
476	22	16	55	0.6	4	5
477	10	10	60	0.4	5	10
478	10	10	46	0.4	4	5
479	19	12	62	0.4	7	5
480	67	30	74	0.8	5	10
481	30	18	62	0.6	7	5
482	21	14	82	0.4	5	5
483	8	14	78	0.4	3	5
484	55	35	70	0.6	4	<5
485	44	20	66	0.8	6	<5
486	14	14	87	0.6	7	5
487	18	14	92	0.6	7	5
488	34	22	260	0.4	26	<5
489	50	23	86	0.8	8	5
490	44	34	153	0.9	15	10
491	9	12	101	0.5	5	5
492	32	28	100	0.7	5	5
493	7	10	48	0.4	3	5

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COMPANY: CORP. FALCONBRIDGE COPPER
PROJECT: 212
ATTENTION: I. PIRIE

FILE 4-352/P9
DATE: JUNE 14/84
TYPE: SOIL GEOCHEM

We hereby certify that the following are the results of the geochemical analysis made on 6 samples submitted.

SAMPLE NUMBER	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU PPB
494	12	6	86	0.4	2	5
495	62	23	94	0.6	2	5
496	9	8	45	0.4	5	10
497	20	12	68	0.4	4	5
498	23	16	69	0.6	1	<5
499	47	22	84	0.6	2	5

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