BC Geological Survey
Assessment Report
29993

GEOCHEMICAL REPORT
ON THE
COPELAND CLAIM GROUP

REVELSTOKE, BRITISH COLUMBIA

NTS; 82M/1W
LATITUDE 51° 07' N, LONGITUDE 118° 26' W

REVELSTOKE MINING DIVISION

Event No. 4182004

GEOLOGICAL SURVEY BRANCH
29993

FOR

SILVER FIELDS RESOURCES Inc.
Vancouver, B.C.

BY

Greg Thomson, P.Geo.
Thomson Geological Consulting

and

James Laird
Laird Exploration Ltd.

May 20, 2008

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SUMMARY

The Copeland property is located approximately 19 kilometres NNW from the town of Revelstoke, BC.

During the period of July to September, 2007, a geological/prospecting examination and a geochemical sampling survey was carried out over a portion of mineral tenure 546005, one of three mineral tenures that comprise the Copeland mineral property, currently held by Silver Fields Resources Inc.

The focus of the exploration program was to evaluate the geochemical signature of a portion of tenure 546005 to investigate the general background levels for various elements, in particular for molybdenum. A newly discovered nepheline/feldspar pegmatite may be a potential industrial mineral deposit. Fluorite has been found within the calc-silicate gneisses.

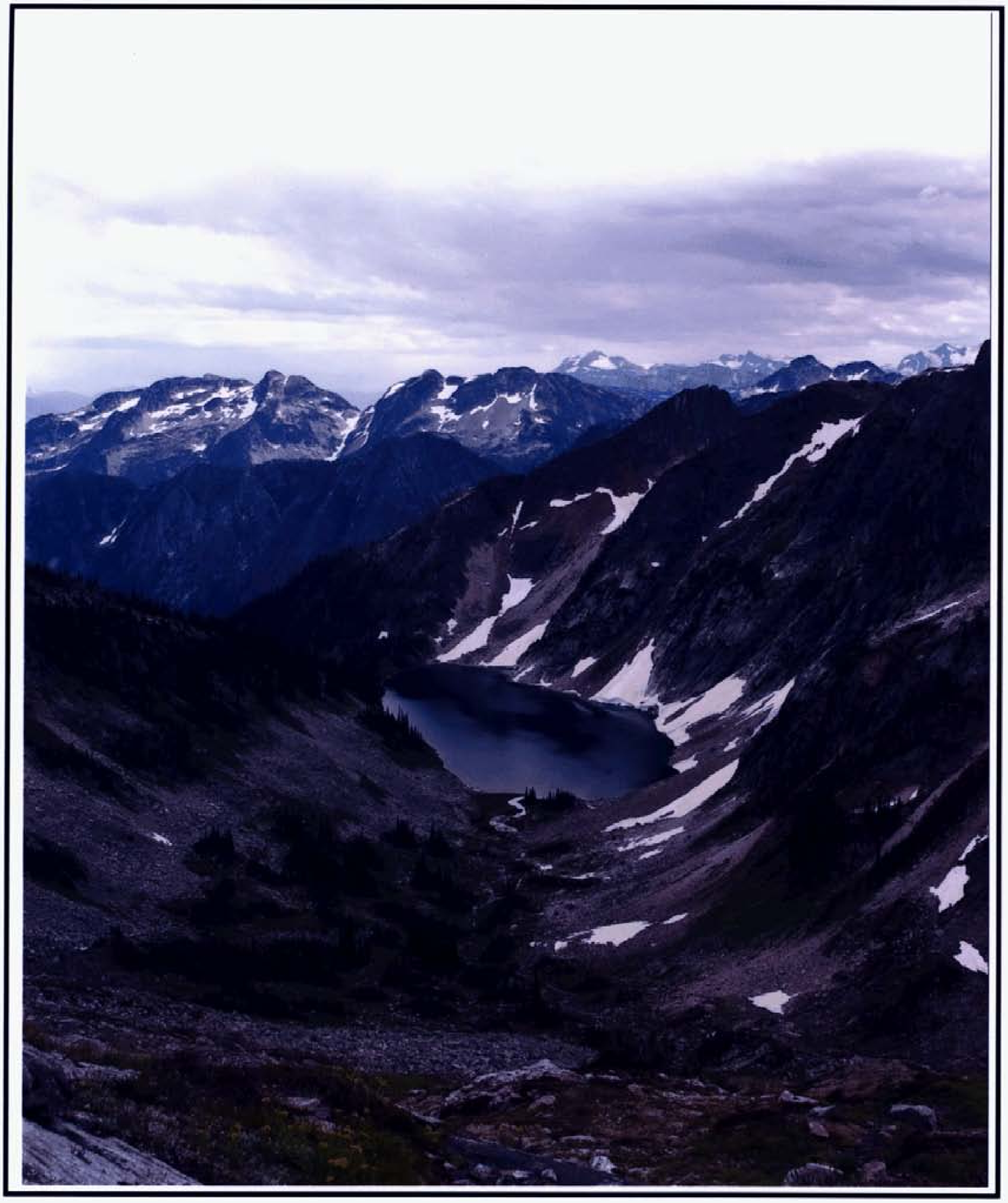
Mineral tenure 546005 is underlain by complexes of nepheline syenite sills, dikes and gneiss, fenite, amphibolite and pegmatite containing regional concentrations of associated molybdenum. Presently, there are no known molybdenum mineral occurrences on the Copeland mineral property.

The Mount Copeland molybdenum deposit (Minfile No. 082M002) is located on the north flank of Mount Copeland, approximately 3 kilometres northwest of the area investigated by the Silver Fields 2007 geochemical survey.

At the Mount Copeland deposit, lenses of syenite pegmatite or syenite aplite are common along the northern border of the nepheline syenite unit and, because of their concentrations of molybdenite, are the focus of economic interest. Characteristically they lie parallel to foliation but they cross it locally. Massive disseminated molybdenite occurs randomly in the aplite and pegmatite lenses and to a lesser extent in calc-silicate gneisses adjacent to the syenite gneiss contact. During the life of the Mount Copeland mine, almost all production was from these aplite-pegmatite bodies within the syenite gneisses; more specifically the Glacier zone, which is up to 3 metres thick and exposed for 121 metres along strike.

Molybdenite showings on the north flank of Copeland Ridge were discovered in 1964. The original reserves of the mine were 163,278 tonnes grading 1.82 per cent MoS2. Production was carried out from 1970 to 1973 where 1,190,713 kilograms of molybdenum was produced from 169,729 tonnes of milled ore.

The economically significant River Jordan (King Fissure) mineral deposit (Minfile No. 82M-001) lies approximately 2 kilometers northeast of the area investigated by the current geochemical soil survey, however there are no indications that a similar deposit type is present on the Copeland property. The River Jordan deposit contains historic geologic resources of 2.6 million tonnes grading 37.7 g/t Ag, 5.1% Pb and 5.6% Zn. A subsequent drill program has indicated a much greater potential resource for the deposit.



LOOKING SOUTHEAST TO PERRY LAKE

LOOKING NORTHEAST TOWARDS MT. COPELAND FROM PERRY LAKE

1.0 INTRODUCTION

The 2007 exploration of the Copeland property consisted of a geochemical soil sampling survey. The current surveys were carried out under the direction of J. Laird of Laird Exploration Ltd., who carried out exploration on the property area in 1990, 1991 and 1997 and co-authored assessment reports no. 20513, 22029 and 25173.

The 2007 exploration program carried out by Laird Exploration Ltd., consisted of a single continuous line of reconnaissance soil geochemical sampling on the western portion of mineral tenure 546005. The soil sample line was 875 metres in length with soil samples taken every 25 metres.

2.0 LOCATION / INFRASTRUCTURE

The mineral property area is located approximately 20 kilometres NW of the city of Revelstoke and approximately 640 kilometers east of Vancouver, BC. The general property location is 51° 6.5' N and 118° 25' 50" W.

The Copeland property lies within mountainous terrain west of the north-south drainage of Jordan River. Access to the property is by a 15-minute helicopter flight from Revelstoke.

The general Copeland property area can be partially reached by following the Jordan River – Copeland Mine road northwesterly for a distance of approximately 12 kilometres northwesterly from Big Eddy (NW Revelstoke). At 12 kilometres, the Copeland Mine road turns west onto Hiren Creek, but after 3 kilometres of westward travel the road has been deactivated and is blocked. A hiking trail follows the old Mount Copeland Mine road along Hiren creek a further approximate 9 kilometres to reach the defunct Mount Copeland mine site. The deactivated Mount Copeland Mine road, along Hiren Creek, traverses portions of mineral tenures 564860 and 564861, which comprise part of the Copeland mineral property.

Revelstoke is located on the Trans-Canada Highway and is also an important regional center for the Canadian Pacific Railway. The population of Revelstoke is approximately 7,500 with an economy based on service industries, forestry and increasingly tourism.

0 125 250

kilometers

Silver Fields Resources Inc.

Copeland Property

PROPERTY
LOCATION MAP

Date: May 2008
Author:
Office:
Figure: 1
Scale: as shown

NTG 82M/1w

Revelstoke, British Columbia

3.0 PHYSIOGRAPHY AND CLIMATE

The Copeland property lies within steep mountainous terrain along the eastern flank of the Monashee Mountain Range. Elevations on the Copeland mineral property lie between approximately 1200 metres along the streambed of Hiren Creek, on the southern portions of mineral tenures # 564861 and 564862, to approximately 2,000-2300 metres along Mount Copeland Ridge at the north side of tenure # 546005.

The upper parts of Mount Copeland Ridge, lies mostly in sub-alpine, with the uppermost elevations covered in icefields. The lower regions (generally below 1500 m) are densely treed with fir, cedar, spruce and pine. Open areas are covered with thick slide alder and scrub brush. Drainage from the Mount Copeland Ridge area is mainly southward into Hiren Creek, which then flows eastward into Jordan River.

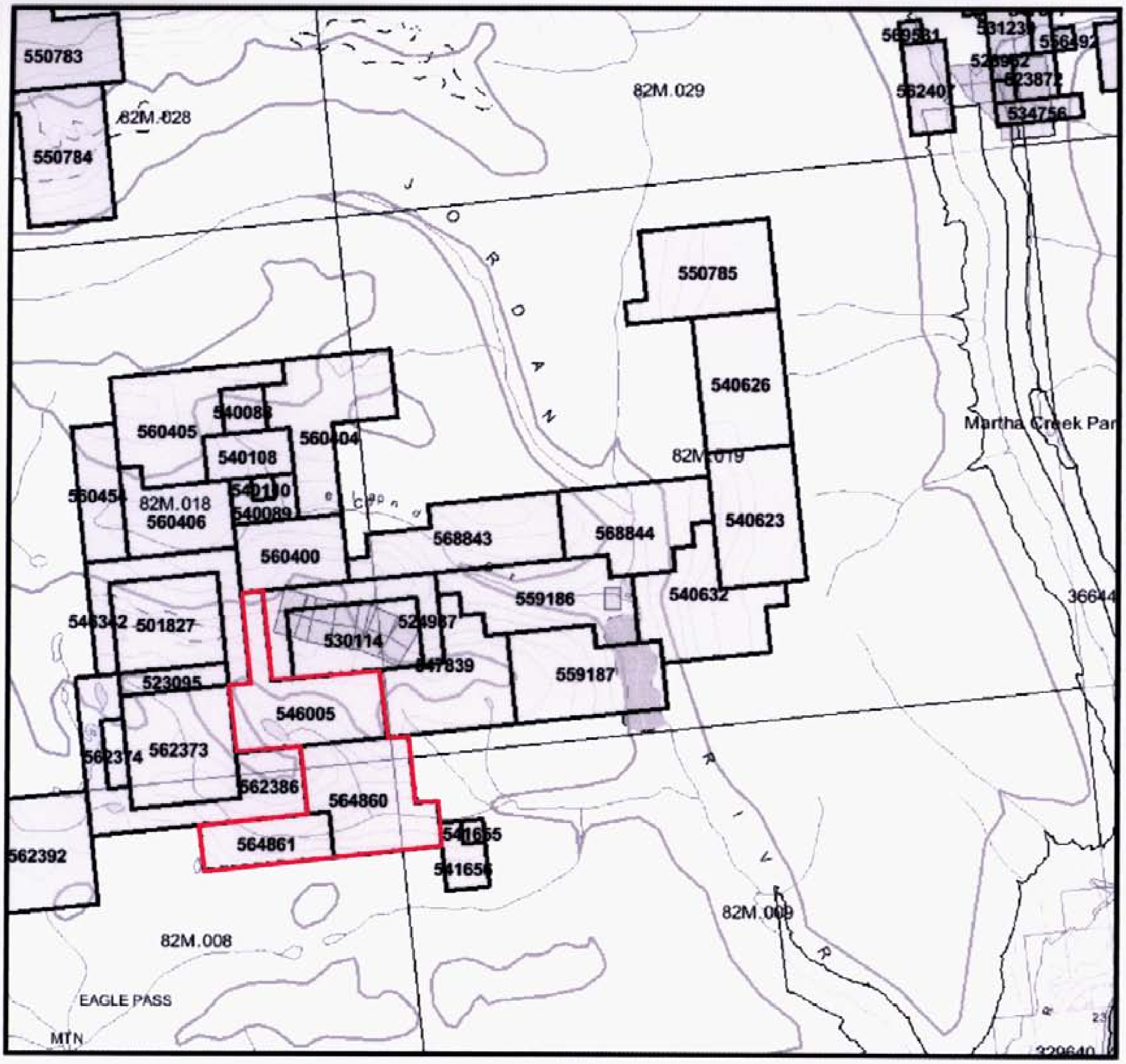
The Revelstoke area lies within a temperate climatic zone with alpine climates present in surrounding mountainous areas. Mean annual precipitation is between 100 to 250 centimetres. January temperatures range between –10° to -15° Celsius, while July temperatures vary between 18° to 20° Celsius. Snow levels can be extensive in alpine regions, often preventing access to the claim area until around July.

4.0 PROPERTY STATUS

The property is comprised of three MTO, online-staked, contiguous mineral tenures totaling 1,258.256 hectares, located on NTS map sheet 82M/1W. The claims are situated within the Revelstoke Mining District of British Columbia, Canada and are owned 100% by Silver Fields Resources Inc. The Copeland claims are currently in good standing and will have an expiry date beyond 2008, based upon acceptance of work credits.

Claim Name	Tenure Number	Area (ha)	Expiry Date
Copeland 1	546005	507.222	Nov. 28/10
HI U	564860	507.437	Aug. 20/08
HI U2	564861	243.597	Aug. 20/08

Currently, there are no known encumbrances, agreements, back-in rights or environmental liabilities affecting the Copeland property.



5 km

Silver Fields Resources Inc.

Copeland Property

CLAIM LOCATION MAP

Date: May 2006
Author:
Office:
Figure: 2
Scale: as shown

NTG 82M/1w

Revelstoke, British Columbia

5.0 HISTORY

The main focus for mineral exploration in the area of the Copeland mineral property has been for molybdenum mineralization, such has been discovered and mined at the nearby Mount Copeland Mine property, located approximately 3 kilometres northwest of the Copeland property.
Molybdenite showings on the north flank of Copeland Ridge were discovered in 1964. Underground exploration commenced in September of 1967. A decision to go into production was made in 1969 and installation of a 180-tonne-per-day crusher and concentrator was completed in February 1970. Development work was underway simultaneously and production officially began on July 1, 1970. At that time, reserves were 163,278 tonnes grading 1.82 per cent MoS2 (Geology, Exploration and Mining in British Columbia 1973). Production ceased in July 1974 and the mine was officially closed in October 1974.

The King Fissure deposit, located within 2 kilometres northeast of the Copeland property, has been known and explored since the late 1800's. The King Fissure deposit is a stratabound zinc-lead-silver deposit hosted by a paragneiss assemblage.

The King Fissure (also named River Jordan) saw sporadic exploration in the late 1950's. Five drill holes were drilled in 1963 and another five holes in 1965. The measured reserves for the deposit are 2.6 million tonnes of 37.7 g/t silver, 5.1% lead and 5.6% zinc. A deep hole in 1966 indicated that the deposit is likely much larger than its presently known limits.

In 1990/91, an extensive exploration program was carried out on the Copeland claim group and the Frisby claim group consisting of geological mapping, soil geochemistry and geophysical surveys (mag, VLF-EM). This work was carried out on behalf of First Standard Mining Limited over areas presently covered by the current Copeland property and is summarized in assessment reports no. 20513 and 22029. In 1997, J. Laird carried out a gemstone exploration program over the property area on behalf of Canadian Sapphire Corporation as detailed in assessment report no. 25173.

6.0 REGIONAL GEOLOGY

The Copeland property is underlain by Monashee Complex metamorphic rocks which lie within the Paleozoic and older Shuswap Metamorphic Complex. The Monashee Complex consists of a series of granitic gneissic domes of probable Aphebian age, enveloped by metasedimentary gneisses and schists (Hoy, 1987). The Mount Copeland area lies on the southeastern flank of the northernmost of these domes, the Frenchman Cap gneiss dome.

7.0 PROPERTY GEOLOGY

Several distinct rock units are present in and around the geochemical grid area on mineral tenure 546005. These rock units were identified during geological mapping programs carried out on the property area during the 1991 exploration program carried out on behalf of First Standard Mining Limited. The rock units have been described in assessment report 22029 and they are presented here to provide a geologic context for the 2007 exploration area.

The rock units have been numbered according to their usage in assessment report 22029 and the numbered rock units are illustrated along with the 2007 geochemical results on figures 4 through 8.

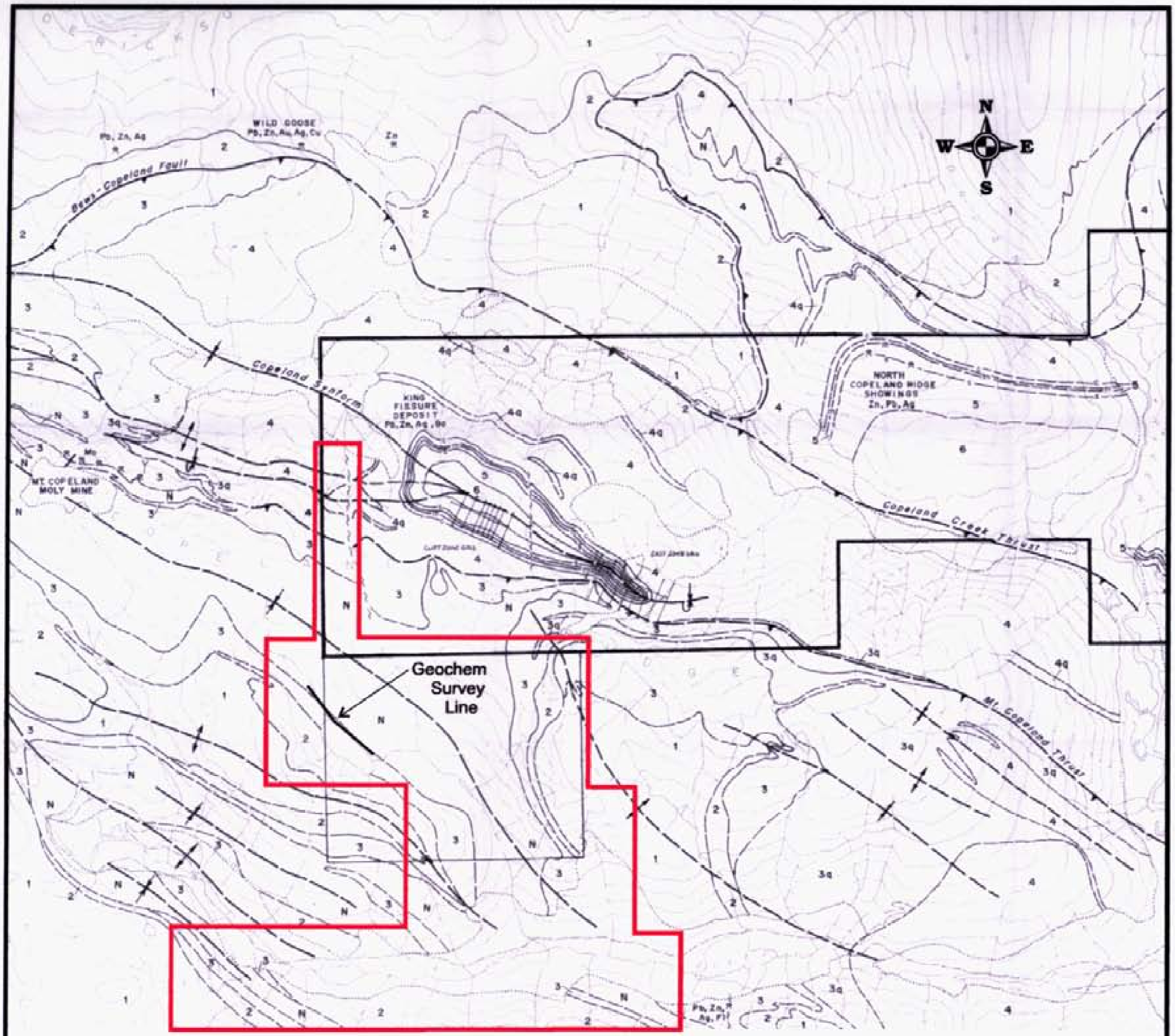
The units are numbered in ascending stratigraphic order:

The Frenchman Cap gneiss dome consists largely of medium-to dark-grey, medium-grained, granitic biotite-feldspar gneiss. Within the granitic gneiss are inclusions of biotite-hornblende gneiss and light grey granitic gneiss. Folding within the gneiss intensifies towards the unconformably overlying metasediments (Fyles, 1970). Previously referred to as mixed gneiss (Wheeler, 1965; Fyles, 1970), it is herein referred to as Unit 1 granitic gneiss.

Overlying the core gneisses are Unit 2 quartz-pebble conglomerates, white quartzites, and less commonly, quartz-mica schists. In most places the conglomerates and quartzites are between 15 and 60m thick, but in hinge zones of folds they can exceed 300m thickness. Cross-bedding has been noted in the transition zone between the lower conglomerate and overlying quartzites (Fyles, 1970).

Above Unit 2 lies Unit 3, a package of green calc-silicate gneiss, calcareous schist, marble, biotite schist, quartzite, and tremolite-rich, locally dolomitic marble occurs as discontinuous layers and lenses. Where quartzites achieve appreciable thicknesses they are recognized separately as Unit 3q. Amphibolite sills (?) are also locally significant. Fenite has been noted in correlative stratigraphy in the Mt. Grace area on the northwest flank of the Frenchman Cap gneiss dome (Hoy, 1987). Unit 3 has been described as being a few hundred feet thick, pinching out west of the Jordan River, south of Hiren Creek. Fluorite has been found within the more calcareous members of the calc-silicate gneisses.

Intruding the metasedimentary sequence are gneissic nepheline syenites (Unit **N**). These grey, medium-grained feldspar-biotite gneisses have moderately well-defined foliations and locally pitted weathering surfaces. Nepheline amounts to as much as 20 percent; accessory minerals include calcite, zircon, sphene, fluorite, and magnetite. Concentrations of molybdenite occurring in the border phases of the nepheline syenite have been mined at the Mount Copeland molybdenum mine. Lack of quartz and effervescence of some samples with acid distinguish the syenite from biotite-quartz-feldspar gneisses (Fyles, 1970). Zircons extracted from the nepheline syenite have been dated at 740 +/-36 Ma (Parrish and Scammell, 1988).



Monashee Complex Unit

N nepheline syenite sills, dikes and gneiss; fenite; amphibolite; pegmatite +/- molybdenum
3 green calc-silicate gneiss; marble; schist; quartzite; amphibolite; fenite
2 quartzite; quartz-pebble conglomerate; mica schist

Frenchman Cap Gneiss Dome

1 granite gneiss; paragneiss; minor quartzite schist; amphibolite; pegmatite zones

Silver Fields Resources Inc.	
	Copeland Property
Date: May 2008	GEOLOGY MAP
Author:	
Office:	
Figure: 3	
Scale: as shown	NTG 82M/1w
Revelstoke, British Columbia	

Regional mapping indicates that the syenites' preferred level of intrusion was in the upper regions of unit **3**, and that it is folded by the earliest recognized deformation. This is best displayed in the area southwest of Mount Copeland. A nepheline/ orthoclase feldspar pegmatite occurrence was discovered just west of the grid area and may have industrial mineral value. Well-formed crystals in the pegmatite can reach more than 30 centimetres in length.

The youngest rocks recognized in the Jordan River area are Tertiary lamprophyre dykes. Ranging from <lm to over 3m in thickness and often occurring in swarms, these dykes tend to fill northerly trending faults and fractures. Rarely the lamprophyre forms sills. In the King Fissure Deposit area, fault-hosted and manto style Pb-Zn-Ag mineralization is associated with the dykes and structures.

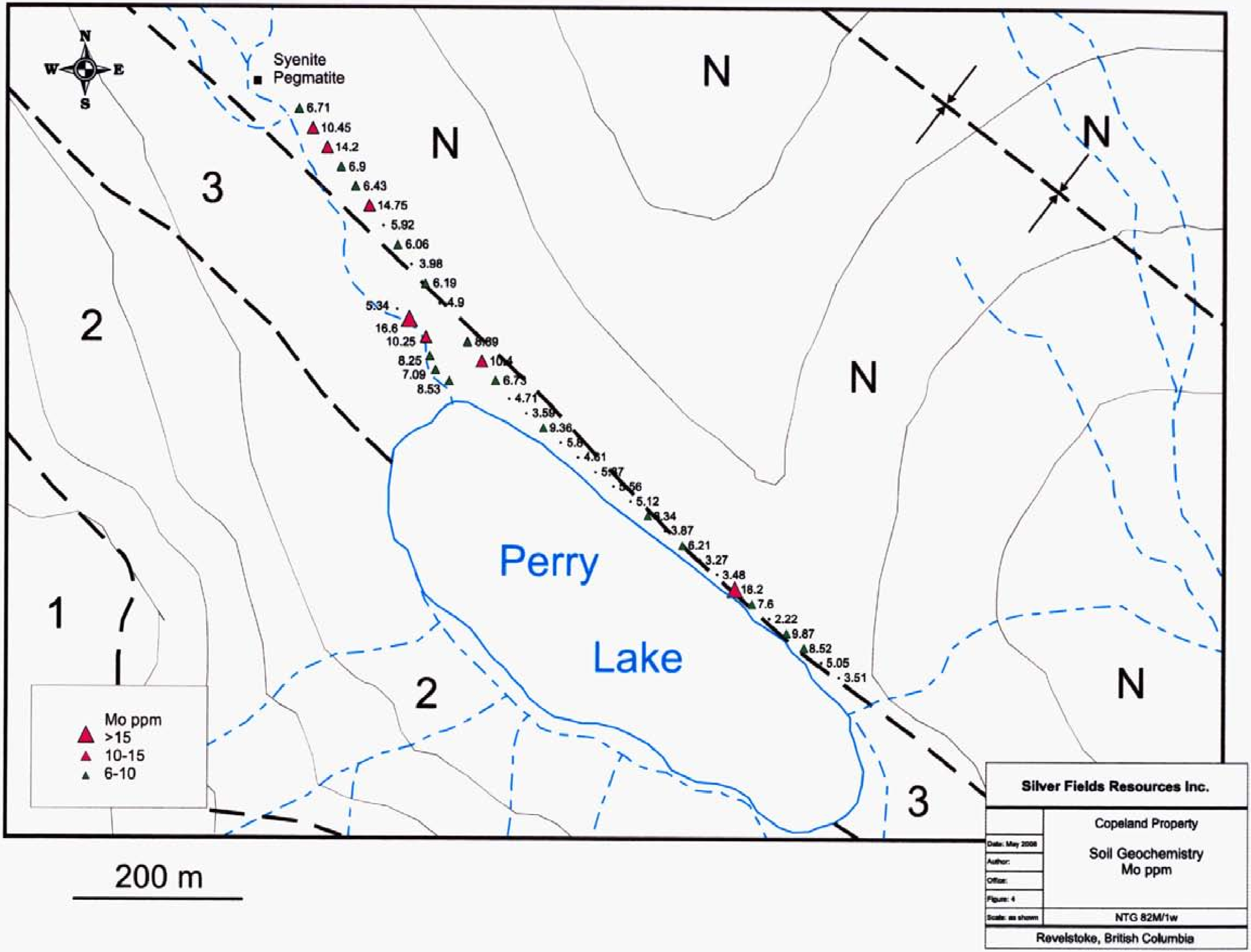
7.1 STRUCTURE

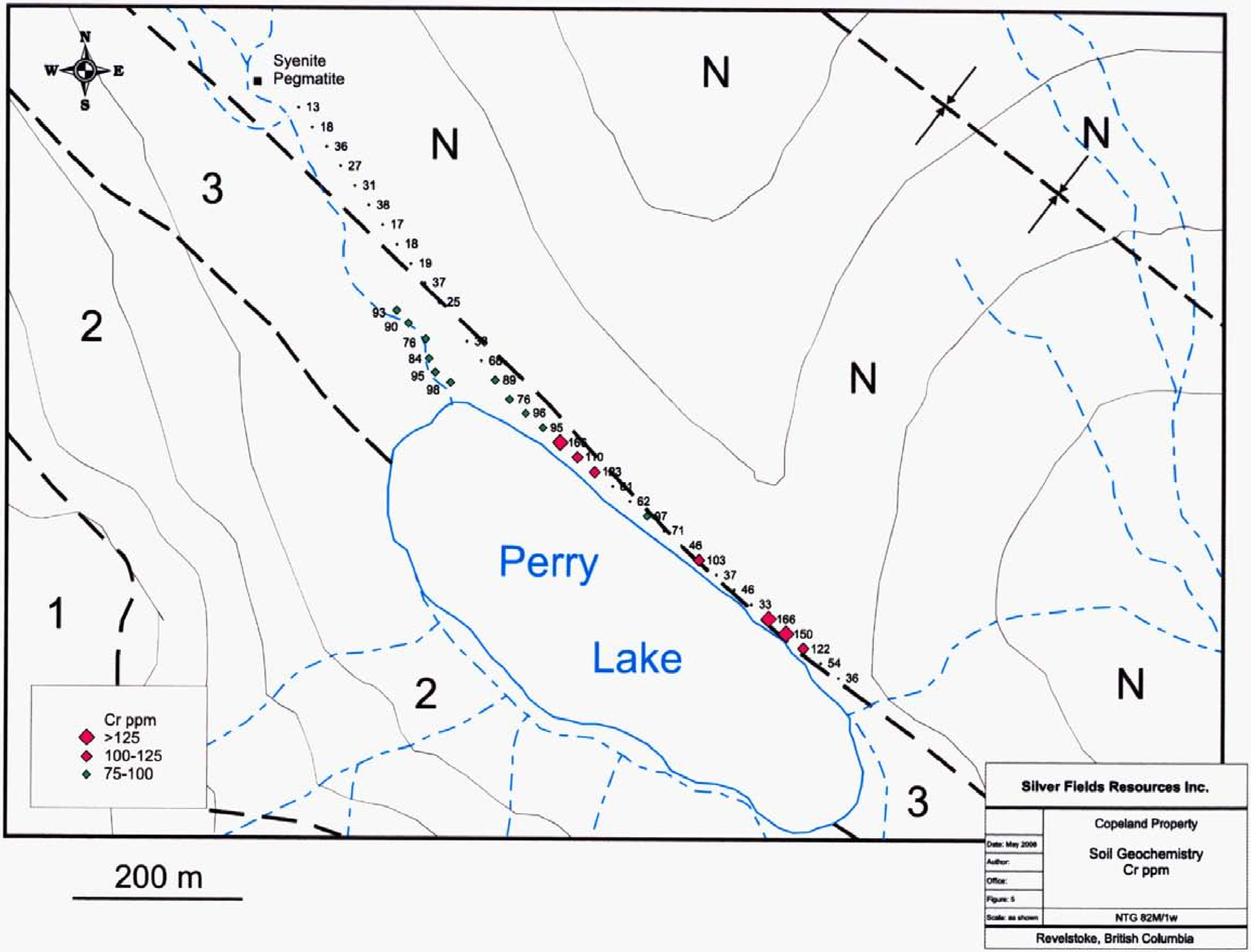
Three phases of folding are recognized in the Jordan River area (Fyles, 1970). Phase one folds, having warped axial planes dipping primarily to the southwest, are isoclinal with highly attenuated limbs and thickened hinge zones. Thrust faulting and local shearing parallel to the foliation accompanies Phase 1 folding. Phase 2 folds are generally overturned, with axial planes dipping at low to moderate angles to the south and southwest. Although most Phase 2 folds are of a concentric style, thickened hinge zones have been noted, particularly near the gneissic dome.

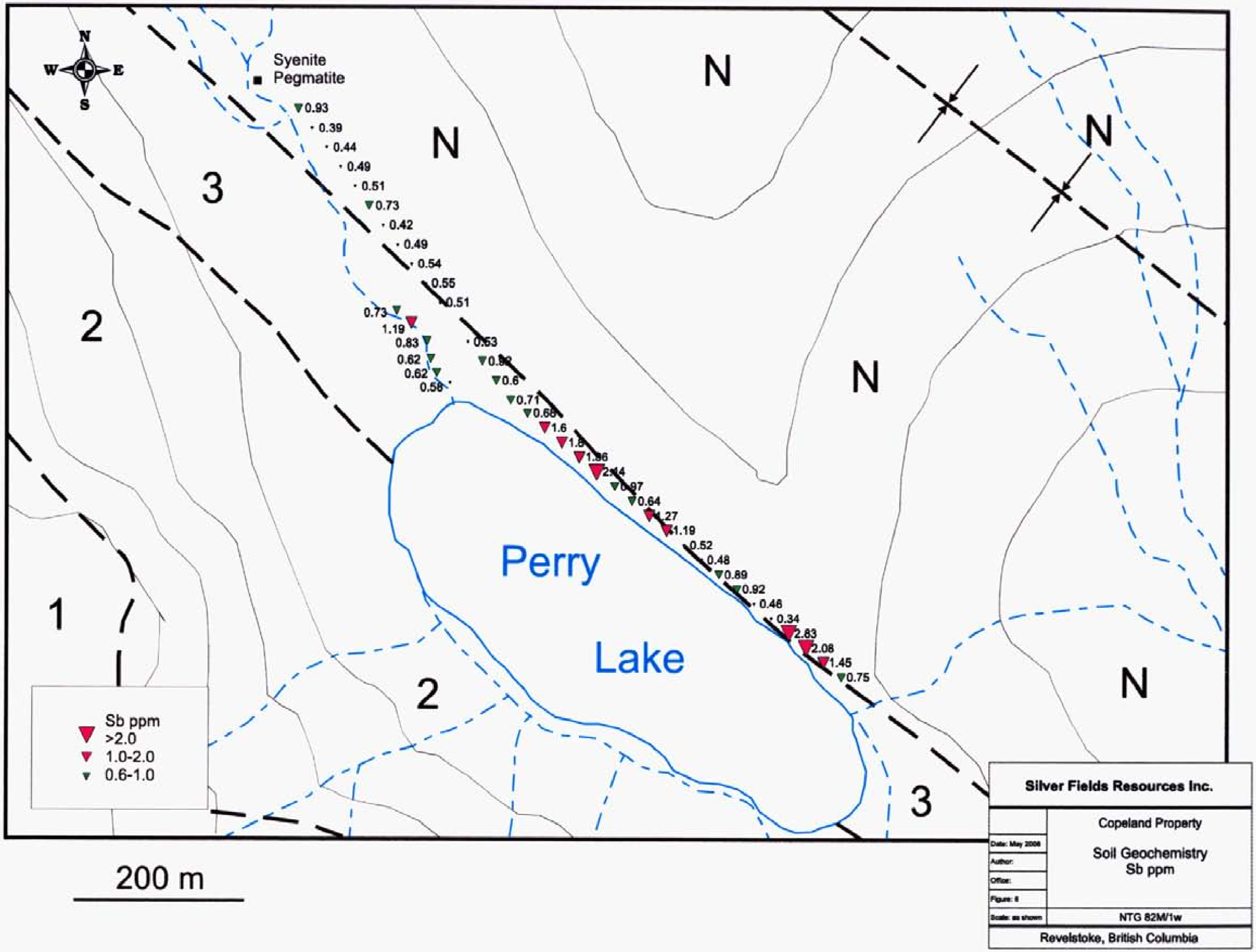
8.0 GEOCHEMICAL SURVEY (2007)

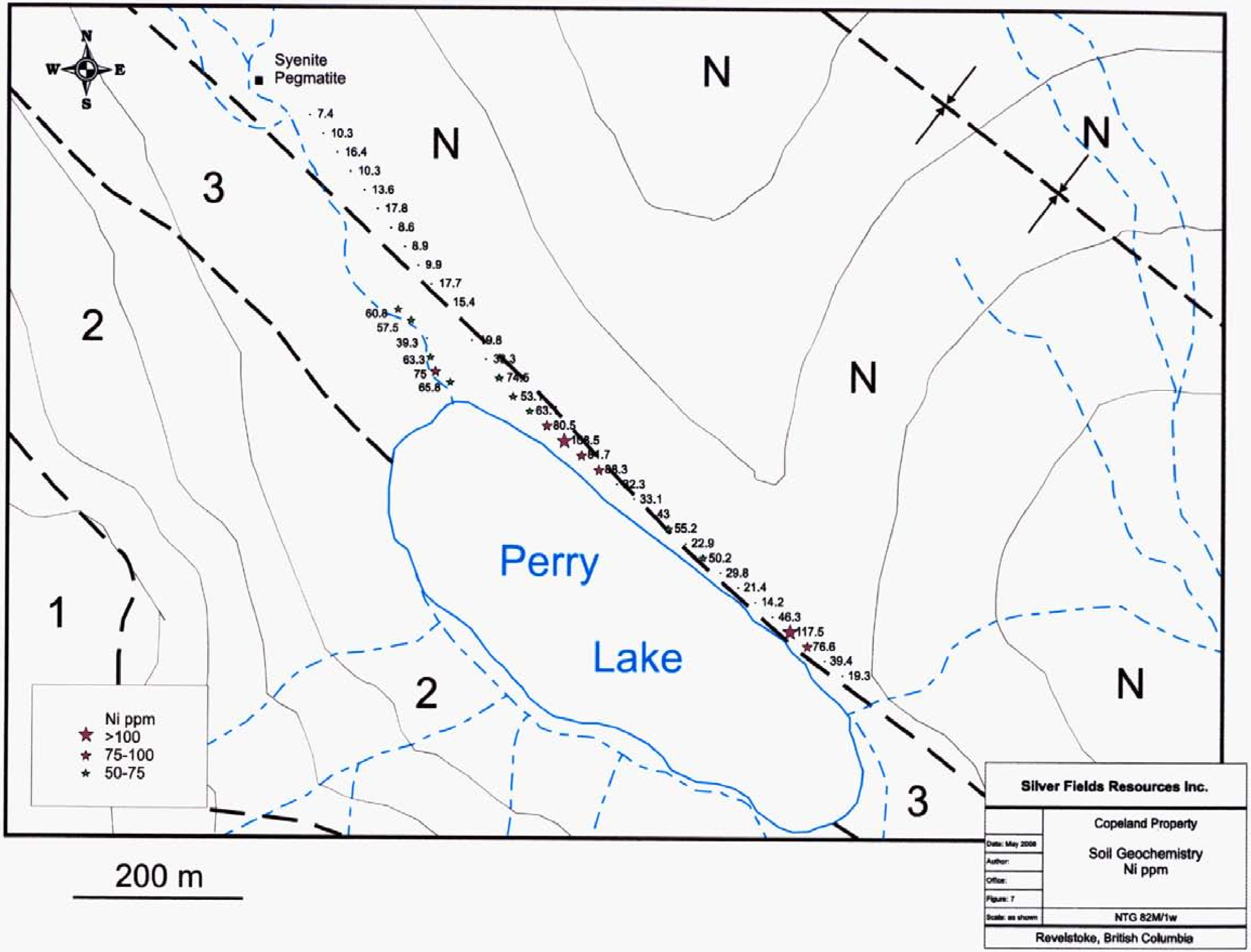
During September of 2007, a program of grid establishment and soil sampling was carried out over the western portion of tenure no. 546005. Laird Exploration Ltd. field personnel carried out the geochemical survey program. A grid line, totaling 875 metres was established along a northwest direction along the northeast side of Perry Lake as well as alongside a portion of the drainage flowing into the northwest end of Perry Lake. The soil line was established to test the geochemical nature of soils on or near the assumed NW-SE geological contact between Unit 3 (calc-silicate gneiss, calcareous schists and marble) with more extensive tracts of gneissic nepheline syenites (Unit N), lying to the northeast of the Unit 3 metamorphic rocks.

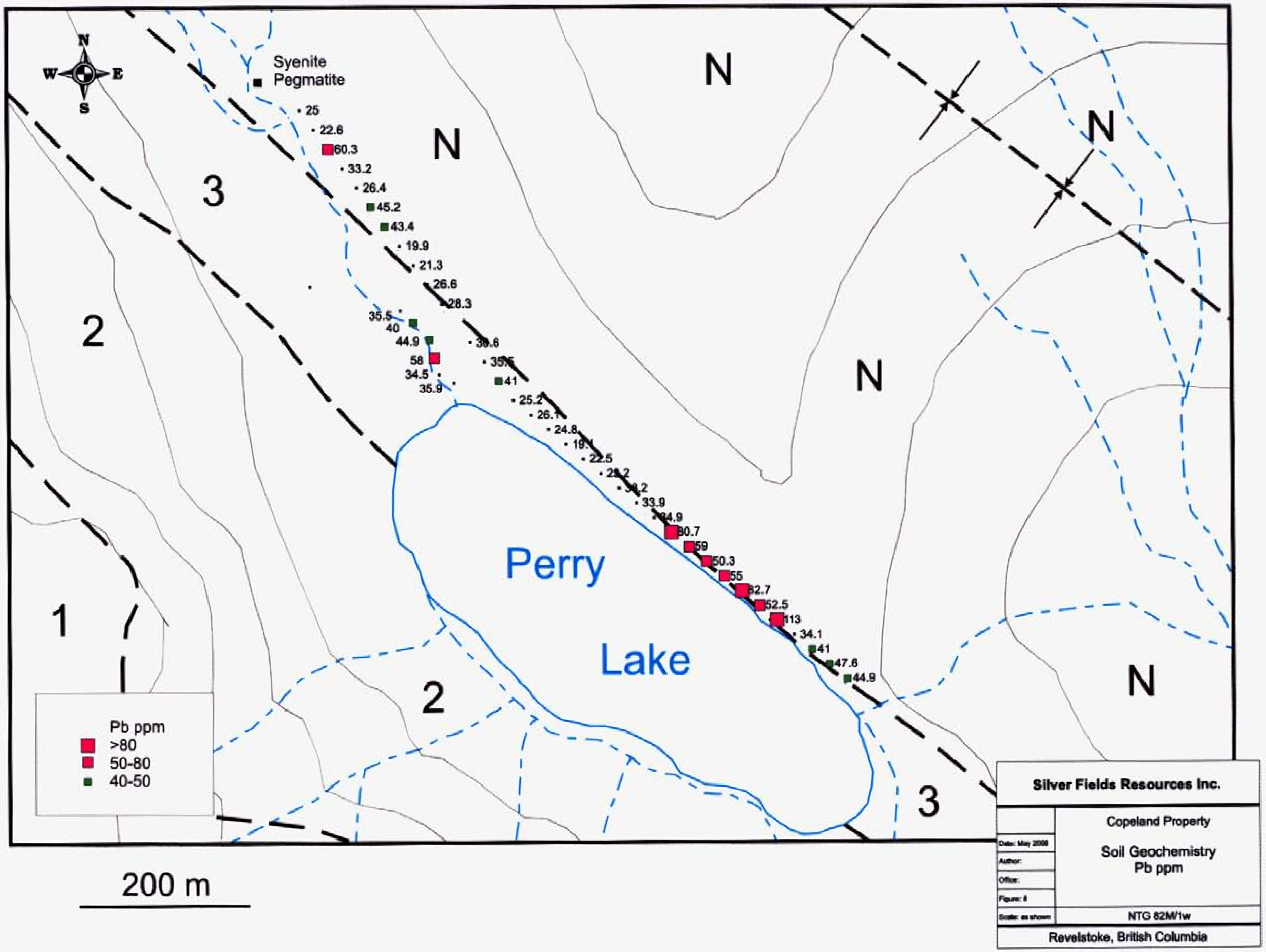
Sample stations were established at 25-metre spacings on the grid line resulting in the collection of 35 soil samples. An additional 6 sediment samples were taken along the banks of a small stream, near the outlet of the stream into the northwest end of Perry Lake. All soil samples were submitted to ALS-Chemex Labs Ltd. for 60-element ICP analysis, using an atomic emission spectrometer (AES).


N
W
E
S
Syenite Pegmatite
6.71
10.45
14.2
6.9
6.43
14.75
5.92
6.06
3.98
6.19
4.9
5.34
16.6
10.25
8.25
7.09
8.53
4.71
9.36
5.12
3.87
6.21
3.27
3.48
18.2
7.6
2.22
9.87
8.52
5.05
3.51
N
3
2
1
Perry
Lake
Mo ppm
>15
10-15
6-10
200 m
Silver Fields Resources Inc.
Copeland Property
Soil Geochemistry
Mo ppm
Date: May 2008
Author:
Office:
Figure: 4
Scale: as shown
NTG 82M/1w
Revelstoke, British Columbia


N
W
E
S
Syenite
Pegmatite
13
18
36
27
31
38
17
18
19
37
25
93
90
76
84
95
98
89
76
96
95
110
62
71
46
103
37
46
33
166
150
122
54
36
N
N
N
N
N
3
3
2
2
1
Perry
Lake
Cr ppm
>125
100-125
75-100
200 m
Silver Fields Resources Inc.
Copeland Property
Soil Geochemistry
Cr ppm
Date: May 2006
Author:
Office:
Figure: 5
Scale: as shown
NTG 82M/1w
Revelstoke, British Columbia


N
W
E
S
Syenite
Pegmatite
N
N
N
N
N
3
2
1
2
3
Perry
Lake
0.93
0.39
0.44
0.49
0.51
0.73
0.42
0.49
0.54
0.55
0.51
0.73
1.19
0.83
0.62
0.62
0.58
0.53
0.6
0.71
0.68
1.6
1.8
1.86
2.14
0.97
0.64
1.27
1.19
0.52
0.48
0.89
0.92
0.46
0.34
2.83
2.08
1.45
0.75
Sb ppm
>2.0
1.0-2.0
0.6-1.0
Silver Fields Resources Inc.
Copeland Property
Soil Geochemistry
Sb ppm
Date: May 2008
Author:
Office:
Figure: 6
Scale: as shown
NTG 82M/1w
Revelstoke, British Columbia
200 m


N
W
E
S
Syenite
Pegmatite
7.4
10.3
16.4
10.3
13.6
17.8
8.6
8.9
9.9
17.7
15.4
60.8
57.5
39.3
63.3
75
65.8
53.1
80.5
33.1
43
55.2
22.9
50.2
29.8
21.4
14.2
46.3
117.5
76.6
39.4
19.3
Perry
Lake
1
2
3
N
Ni ppm
>100
75-100
50-75
200 m
Silver Fields Resources Inc.
Copeland Property
Soil Geochemistry
Ni ppm
Date: May 2008
Author:
Office:
Figure: 7
Scale: as shown
NTG 82M/1w
Revelstoke, British Columbia



N
W
E
S
Syenite
Pegmatite
25
22.6
60.3
33.2
26.4
45.2
43.4
19.9
21.3
26.6
28.3
35.5
40
44.9
58
34.5
35.9
41
25.2
24.8
22.5
33.9
59
50.3
55
52.5
113
34.1
41
47.6
44.9
1
2
3
N
Perry
Lake
Pb ppm
>80
50-80
40-50
200 m
Silver Fields Resources Inc.
Copeland Property
Soil Geochemistry
Pb ppm
Date: May 2006
Author:
Office:
Figure: 6
Scale: as shown
NTG 82M/1w
Revelstoke, British Columbia

8.1 DISCUSSION OF GEOCHEMICAL RESULTS

Examination of geochemical results for the Copeland property does not indicate underlying mineralization of significant economic significance. However, there are several clusters of coincident anomalous soil values located over portions of the reconnaissance soil line.

Anomalous values were noted for molybdenum, along the northern portion of the soil line with three closely spaced values varying between 10.45 to14.75 ppm Mo. One of the samples near the stream outlet into Perry Lake returned 16.6 ppm Mo. Another soil sample along the side of Perry Lake returned the highest value of 18.2 ppm Mo.

Two distinct groupings of coincident anomalous values in chromium, antimony and nickel were noted along the east side of Perry Lake (see figures 5,6 and 7). A distinct continuous grouping of lead values was also seen on the east side of Perry Lake, covering a distance of at least 150 metres along the soil line (see figure 8). The significance of the concentrations of anomalous soil values is indeterminate at present.

Incremental geochemical values are represented by varying size symbol plots on figures 4 through 8, respectively for Mo, Cr, Sb, Ni and Pb.

9.0 CONCLUSIONS

The Copeland mineral property holds the potential for the discovery of economic concentrations of molybdenite mineralization as found at the nearby Mount Copeland deposit.

Molybdenum mineralization at the Mount Copeland deposit is found in lenses of syenite pegmatite or syenite aplite along the northern border of the nepheline syenite unit and, because of their concentrations of molybdenite, is the focus of economic interest. Massive disseminated molybdenite occurs randomly in the aplite and pegmatite lenses and to a lesser extent in calc-silicate gneisses adjacent to the syenite gneiss contact. During the life of the Mount Copeland mine, almost all production was from these aplite-pegmatite bodies within the syenite gneisses; more specifically the Glacier zone, which is up to 3 metres thick and exposed for 121 metres along strike.

Given that the Copeland mineral property lies within a similar geologic environment as the Mount Copeland molybdenum deposit, additional exploration should be carried out in the hope of locating new occurrences of molybdenum mineralization.

The major nepheline syenite bodies in this region have been assessed for their industrial mineral applications, but due to iron and titanium contents, were not deemed suitable for economic exploitation. (see Minfile No. 082M-255, Hiren Lake) An exception to this may be the newly-discovered nepheline/orthoclase pegmatite body near Perry Lake.

10.0 RECOMMENDATIONS

Phase 1

Additional geological mapping, rock sampling, and soil geochemical surveys are merited for the entire mineral property. If additional surface potential is outlined, diamond drilling to depth is recommended.

Soil samplers - 2 men x 6 days @ $300 man/day	$3,600
Soil assays - 300 samples @$35/sample	$10,500
Geological mapping, supervision, preparation, report 20 days @ $500/day	$10,000
Project Manager, mapping and prospecting, supervision 20 days @ $500/day	$10,000
Helicopter 10hrs @$1500.00 hr	$15,000
Room/board 52 days @125.00 man/day	$6,500
Rock assays (50 @ $35)	$1,750
Induced polarization and Magnetic Surveys 20 km @ $1800/km	$36,000
Report and map preparation	$2,500
Total Phase 1	**$95,850**
Management Fee @15%	**$14,377**
Contingency@ 10%	**$9,585**
GST@5%	**$5,990**
TOTAL PHASE 1	**$125,802**

Phase 2

Diamond drill approximately 1000 metres on targets outlined by Phase 1.

Estimated cost: 1,000 metres @ $200.00/metre **$200,000**

11.0 STATEMENT OF EXPLORATION EXPENDITURES

July 9, 2007
August 19, 2007
September 13 to 15, 2007

Greg Thomson P. Geo. – 1 day @ $500.00 per day	$500.00
James Laird, Project Manager – 5 days @ $500.00 per day	$2500.00
K. W. Geiger Ph.D, P.Eng. - Senior Geologist – 2 days @ $800.00 pd	$1600.00
Chris Laird, Geological Assistant – 1 day @ $175.00 per day	$175.00
Brendan Laird, Prospector- 1 day @ $150.00 per day	$150.00
Jeremy Porter, Qualified Prospector – 4 days @ $200.00 per day	$800.00
Jonathan England, Prospector – 4 days @ $160.00 per day	$640.00
Jamie Hanson, Prospector – 1 days @ $160.00 per day	$160.00
Rob Thomkinson, Prospector – 3 days @ $160.00 per day	$480.00
Room and Board – 22 man-days @ $125.00 per man-day	$2750.00
4x4 Truck Transportation – 2960 km @ $0.75/km	$2220.00
Selkirk Helicopters	$3861.11
Geochemical Assays	$1706.30
Field Supplies	$250.00
Report and Maps	$2500.00
Subtotal	**$20,292.41**
Project Management Fee @ 15%	$3043.86
	$23,336.27
GST @ 5%	$1166.81
Total Expenditures	**$24,503.08**

12.0 REFERENCES

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Geological Survey of Canada Paper 64-32, 37 pp

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13.0 STATEMENTS OF QUALIFICATIONS

I, Gregory R. Thomson, of Langley, B.C., do hereby certify:

That I am a Professional Geoscientist registered in the Province of British Columbia.

That I am a graduate Geologist from the University of British Columbia (1970) and have over 30 years of mineral exploration experience in the province of British Columbia.

That the information contained in this report was based upon a review of previous reports and geological studies related to the property area as well. I oversaw the geological and geochemical exploration program carried out on the Copeland property during July to September, 2007.

Dated at Vancouver, B.C., May 20, 2008

Gregory R. Thomson, P. Geo.

STATEMENT OF QUALIFICATIONS

I, James W. Laird do state that:

My address is PO Box 672, Lions Bay, BC, V0N 2E0

I am a prospector and mining exploration contractor and have been for more than 30 years, and I have extensively researched and explored the Revelstoke region of BC for mineral deposits.

I have completed the BC EMPR course "Advanced Mineral Exploration for Prospectors, 1980".

I am very familiar with the geology of the Copeland project area and have worked in similar geological environments throughout the Revelstoke area.

James W. Laird

James W. Laird

Laird Exploration Ltd.

May 20, 2008

APPENDIX A

ASSAY RESULTS

ALS Chemex
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North Vancouver BC V7J 2C1
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: LAIRD EXPLORATION LTD.
PO BOX 672
LIONS BAY BC V0N 2E0

Finalized Date: 28-OCT-2007
This copy reported on 29-OCT-2007
Account: LAIEXP

CERTIFICATE VA07115866

Project: COPELAND, FRISBY
P.O. No.:
This report is for 139 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-OCT-2007.
The following have access to data associated with this certificate:

JAMES LAIRD		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS61r	48 element four acid ICP-MS + REEs

To: **LAIRD EXPLORATION LTD.**
ATTN: JAMES LAIRD
PO BOX 672
LIONS BAY BC V0N 2E0

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Lawrence Ng, Laboratory Manager - Vancouver

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Finalized Date: 28-OCT-200
Account: LAIEX

Project: COPELAND, FRISBY

CERTIFICATE OF ANALYSIS VA07115866

Sample Description	Method	WEI-21	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
CL+0E		0.16	0.13	5.57	4	490	7.29	0.51	7.1	0.25	>500	33.3	93	6.21	68.7	5.07
CL+25E		0.26	0.45	6.91	5.8	550	15.8	0.61	3.65	0.3	>500	29.4	90	4.53	153.5	8.3
CL+50E		0.16	0.1	7.72	5.8	580	9.08	0.55	2.34	0.16	364	14.2	76	8.65	63.4	5.05
CL+75E		0.14	0.24	7.94	4.3	650	6.92	0.55	3.4	0.2	446	20.8	84	10.35	72.5	4.99
CL1+00E		0.24	0.32	6.03	4.5	540	7.93	0.48	6.83	0.29	>500	23.9	95	7.52	55	5.62
CL1+25E		0.26	0.22	6.06	3.8	570	7.88	0.45	6.34	0.27	480	21.6	98	7.63	47	5.45
0+0N		0.28	0.21	6.57	4.2	450	6.77	0.38	5.55	0.18	427	17.4	76	5.9	31.6	4.57
0+25N		0.32	0.21	6.87	4.4	560	8.18	0.48	5.88	0.29	500	28	89	9.85	54.9	6.07
0+50N		0.24	0.25	6.86	8.2	490	6.47	0.59	1.66	0.3	365	13.6	68	9.14	44.1	5.14
0+75N		0.24	0.07	8.88	6.4	580	3.13	0.33	1.04	0.22	281	8.8	38	7.49	28.7	4.78
1+25N		0.18	0.09	8.24	4.8	430	2.28	0.39	1.18	0.28	164.5	7	25	7.41	22.6	3.25
1+50N		0.18	0.17	7.05	5.7	550	3.08	0.48	1.19	0.18	205	7.6	37	10.5	30.8	4.35
1+75N		0.12	0.09	8.45	5.7	500	1.56	0.3	0.87	0.15	69.9	6.2	19	4.55	25.8	2.86
2+0N		0.14	0.28	6.9	3.7	490	1.63	0.39	1.04	0.24	81.1	5.9	18	5.86	17.7	3.24
2+25N		0.22	0.11	7.59	3.5	640	2.38	0.32	0.83	0.26	158.5	4.4	17	4.61	13.8	2.88
2+50N		0.10	0.17	7.16	8.9	530	2.48	0.56	1.01	0.5	158.5	8.4	38	10.7	20	4.28
2+75N		0.14	0.22	8.22	5.2	550	2.62	0.41	1.13	0.2	139	9	31	5.11	23.7	3.69
3+0N		0.12	0.29	7.13	4	590	2.65	0.46	0.98	0.26	148.5	5.2	27	5.27	14.9	3.09
3+25N		0.22	0.2	8.42	4.7	800	8.17	0.74	1.48	0.44	351	9.4	36	14.3	31.7	4.22
3+75N		0.10	0.8	7.31	3.7	500	1.65	0.33	1.24	0.24	109.5	6.7	18	3.78	13.4	3.41
4+00N		0.06	0.25	6.22	14.6	480	1.07	0.54	0.99	0.68	37.1	4.2	13	3.98	19.9	5.18
0+25S		0.20	0.15	5.91	3.8	500	8.45	0.44	7.48	0.27	>500	20.2	96	5.35	35.2	4.93
0+50S		0.24	0.31	6.26	9.9	500	6.96	0.49	4.96	0.2	>500	33	95	5.86	96.1	6.24
0+75S		0.28	0.22	5.63	9.6	400	5.56	0.39	4.51	0.19	489	31.9	166	5.52	44.9	7.55
0+100S		0.26	0.38	6	11.3	580	6.19	0.35	4.62	0.22	>500	36.1	110	5.53	67.6	6.61
0+125S		0.30	0.35	5.34	12.2	440	6.48	0.41	5.75	0.21	>500	37.9	123	5.71	52	6.93
0+150S		0.12	0.45	6.2	8.1	470	5.63	0.65	2.51	0.43	>500	15	61	7.16	34	5.45
0+175S		0.16	0.19	7.71	5.9	740	7.04	0.55	2.57	0.21	>500	14.9	62	7.89	57.9	4.91
0+200S		0.16	0.14	5.96	8.2	470	6.4	0.61	4.16	0.17	>500	20.6	97	5.73	40	6.99
0+225S		0.26	0.24	5.7	9.9	430	8.79	0.61	4.97	0.45	>500	26.1	71	6.72	157	5.04
0+250S		0.22	0.18	7.2	5.2	610	4.99	0.62	0.86	0.77	383	10.7	46	7.65	20.5	4.47
0+275S		0.16	0.17	6.9	6.7	1530	7.25	0.44	1.27	0.75	434	14.9	103	6.71	25.6	4.43
0+300S		0.18	0.12	7.28	9.2	500	9.41	0.62	2.34	0.59	>500	13.2	37	8.02	28.4	4.66
0+325S		0.14	0.07	6.6	7.5	470	7.97	0.75	1.77	0.49	484	15	46	7.69	15.9	5.01
0+350S		0.16	0.29	6.89	4.8	450	5	0.61	0.97	0.38	270	9.8	33	7.11	19.5	4.13
0+375S		0.18	0.15	5.78	4	2320	8.38	0.53	3.48	1.26	407	25	166	11	58.2	4.74
0+400S		0.26	0.26	5.88	8.6	570	6.96	0.64	6.65	0.45	>500	35.4	150	5.7	24.4	6.32
0+425S		0.22	0.17	5.99	7.1	530	11.2	0.98	5.7	0.39	>500	25.75	122	7.01	58.1	6.57
0+450S		0.24	0.2	7.4	4	680	8.24	0.94	4.42	0.4	>500	24	54	8.45	36.4	5.89
0+475S		0.14	0.29	6.74	4.5	530	3.54	0.6	1.69	1.28	240	10.6	36	6.72	22.9	3.78

Comments: REE's may not be totally soluble in MS61r method.

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PO BOX 672
LIONS BAY BC V0N 2E0

Finalized Date: 28-OCT-200
Account: LAIEX

Project: COPELAND, FRISBY

CERTIFICATE OF ANALYSIS VA07115866

Sample Description	Method / Analyte / Units / LOR	ME-MS61r Ga ppm 0.05	ME-MS61r Ge ppm 0.05	ME-MS61r Hf ppm 0.1	ME-MS61r In ppm 0.005	ME-MS61r K % 0.01	ME-MS61r La ppm 0.5	ME-MS61r Li ppm 0.2	ME-MS61r Mg % 0.01	ME-MS61r Mn ppm 5	ME-MS61r Mo ppm 0.05	ME-MS61r Na % 0.01	ME-MS61r Nb ppm 0.1	ME-MS61r Ni ppm 0.2	ME-MS61r P ppm 10	ME-MS61r Pb ppm 0.5
CL+0E		22.9	0.48	7.4	0.12	2.18	316	52.3	4.05	1310	5.34	1.29	72.8	60.8	1520	35.5
CL+25E		30.4	0.59	4.6	0.139	3.07	394	53	2.23	1780	16.6	3	323	57.5	2860	40
CL+50E		31.1	0.33	5.1	0.108	2.85	189	54.8	1.92	1040	10.25	2.02	178	39.3	3050	44.9
CL+75E		33.1	0.4	6.6	0.113	2.76	240	77	3.16	1070	8.25	1.68	130.5	63.3	2850	58
CL1+00E		27.5	0.44	8	0.126	2.47	299	69.5	4.51	1330	7.09	1.51	124	75	2390	34.5
CL1+25E		26.8	0.48	8	0.125	2.39	276	63.1	4.04	1210	8.53	1.54	84.4	65.8	2000	35.9
0+0N		25.6	0.38	7.6	0.11	1.63	224	50.8	3.21	932	4.71	1.96	94.3	53.1	2290	25.2
0+25N		29.5	0.4	7.7	0.134	2.53	260	66.5	4.23	1290	6.73	1.59	89.3	74.5	2560	41
0+50N		31	0.31	5.2	0.102	2.35	197	47.1	1.41	1450	10.4	1.85	157	33.3	2120	35.5
0+76N		40.4	0.27	5.7	0.11	3.02	133	45.2	0.92	1080	8.89	1.9	170.5	19.8	1400	30.6
1+25N		27.5	0.18	6.6	0.076	1.43	69.7	35.7	0.69	1060	4.9	1.75	65.1	15.4	2140	28.3
1+50N		32.7	0.23	5.3	0.082	2.58	119.5	38.5	0.84	1030	6.19	1.77	125	17.7	1700	26.6
1+75N		26.9	0.13	8.4	0.067	1.57	35.9	29.4	0.46	835	3.98	1.78	35.7	9.9	2470	21.3
2+0N		27.8	0.15	5.7	0.058	1.52	42.6	27.9	0.5	1200	6.06	1.92	27.3	8.9	1630	19.9
2+25N		31.1	0.17	4.4	0.068	3.48	92.4	28.3	0.43	576	5.92	1.53	81.5	8.6	1360	43.4
2+50N		33.2	0.17	5	0.095	2.57	69.8	36	0.79	1210	14.75	1.47	76.2	17.8	2140	45.2
2+75N		28.1	0.18	5.4	0.072	2.27	75.3	34	0.89	1850	6.43	1.38	57.6	13.6	1520	26.4
3+0N		31.2	0.17	4.2	0.077	3.16	85.6	26.4	0.54	541	6.9	1.51	90.8	10.3	1220	33.2
3+25N		44	0.53	3.6	0.123	4.58	421	38.9	1.07	1960	14.2	1.56	160	16.4	1220	60.3
3+75N		24.8	0.14	4	0.068	1.96	69.6	23.1	0.64	1200	10.45	1.72	100.5	10.3	1670	22.6
4+00N		39.4	0.16	9.6	0.092	1.41	18.8	24.9	0.41	306	6.71	2.13	14.4	7.4	1430	25
0+25S		26.1	0.55	9.6	0.127	2.12	295	51.2	4.02	1140	3.59	1.77	82.6	63.1	1470	26.1
0+50S		27.2	0.54	4.8	0.116	1.92	260	43.3	3.31	1960	9.36	2.02	184.5	80.5	3960	24.8
0+75S		27.5	0.51	4.4	0.116	1.31	218	32.2	2.84	1340	5.8	1.55	221	108.5	3440	19.1
0+100S		26.3	0.57	4.5	0.106	2.02	269	38.6	2.74	2300	4.61	1.95	259	81.7	3820	22.5
0+125S		25.7	0.69	5.8	0.119	1.51	369	42.5	2.95	2460	5.87	1.7	277	88.3	3990	23.2
0+150S		32.1	0.49	4.1	0.112	1.89	333	40.8	1.65	1260	5.56	1.98	161	32.3	2580	38.2
0+175S		28.6	0.4	4.6	0.088	1.79	249	58.4	1.9	2380	5.12	1.76	106	33.1	2970	33.9
0+200S		27.2	0.5	5.8	0.138	2.14	359	41.4	2.33	1880	8.34	2.04	237	43	2130	34.9
0+225S		23.6	0.72	4.9	0.102	1.36	>500	49.1	4.63	2290	3.87	1.57	131	55.2	2640	80.7
0+250S		29.9	0.24	3.1	0.129	2.58	180.5	93.2	1.73	3070	6.21	1.73	116	22.9	2140	59
0+275S		28.9	0.33	5.1	0.109	3.32	249	53.8	1.71	3860	3.27	2.28	143.5	50.2	2040	50.3
0+300S		34	0.54	4.5	0.13	3.1	450	128	1.84	2580	3.48	2.52	201	29.8	3370	55
0+325S		33.2	0.31	4.5	0.137	2.77	195.5	59.3	1.13	4090	18.2	2.54	133.5	21.4	2140	82.7
0+350S		29.2	0.25	3.8	0.102	2.16	145	53.8	1.14	2540	7.6	1.79	89	14.2	1830	52.5
0+375S		22.2	0.33	10.8	0.109	2.61	210	58.1	5.82	2600	2.22	1.18	77.9	46.3	4320	113
0+400S		25.1	0.66	5.2	0.116	1.79	298	39.7	4	1710	9.87	2.1	227	117.5	5170	34.1
0+425S		25.7	0.66	5.7	0.128	2.02	393	63.8	3.3	2010	8.52	2.1	263	76.6	4330	41
0+450S		28.6	0.52	4.7	0.116	2.08	296	69.5	3.77	2490	5.05	2.02	159	39.4	3300	47.6
0+475S		23.8	0.22	4.6	0.087	1.49	118	37	1.1	3790	3.51	1.93	62.5	19.3	3720	44.9

Comments: REE's may not be totally soluble in MS61r method.

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To: LAIRD EXPLORATION LTD.
PO BOX 672
LIONS BAY BC V0N 2E0

Project: COPELAND, FRISBY

CERTIFICATE OF ANALYSIS VA07115866

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
	Units	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
CL+0E		97.7	0.003	<0.01	0.73	17.7	4	1.1	831	2.08	0.09	43.3	1.95	0.45	14.6	180
CL+25E		110.6	0.003	0.02	1.19	18.4	5	5.5	1320	10.7	0.12	83.5	2.28	0.46	22	204
CL+50E		130	0.002	0.03	0.83	13.2	3	4.3	937	5.75	0.07	30.7	1.32	0.5	12.2	144
CL+75E		129.5	0.003	0.02	0.62	15	4	3.1	992	3.83	0.1	35.4	1.385	0.64	16.1	154
CL1+00E		120	0.003	0.01	0.62	17.8	4	1.7	1080	3.33	0.09	44.7	1.95	0.48	15.2	195
CL1+25E		119.5	0.003	0.01	0.58	17.4	4	1.4	1090	2.21	0.09	36.2	1.775	0.47	14.9	185
0+0N		67.4	0.002	0.01	0.71	17.1	4	1.8	996	3.01	<0.05	42.3	1.69	0.39	17.4	152
0+25N		131	0.002	<0.01	0.6	18.7	4	1.4	1180	2.18	0.11	39.1	1.75	0.58	16.8	201
0+50N		155	<0.002	0.09	0.92	11.6	4	4.5	693	5.05	0.09	31	1.28	0.49	9.2	132
0+75N		115	0.002	0.05	0.53	8.9	3	4	796	3.49	0.06	25.8	0.646	0.44	15.8	109
1+25N		80.6	0.002	0.09	0.51	7.8	3	2.6	415	1.71	0.06	13.5	0.479	0.3	11.4	61
1+50N		163	0.002	0.09	0.55	8.4	3	3.6	645	3.16	0.07	17.3	0.785	0.5	5.5	103
1+75N		81.9	<0.002	0.08	0.54	8.2	3	2.4	366	1.05	0.05	9.4	0.398	0.34	5	50
2+0N		68.2	<0.002	0.08	0.49	7.2	2	2.6	350	1	0.06	9.2	0.426	0.39	3.1	60
2+25N		118	<0.002	0.08	0.42	5.6	2	2.8	986	1.87	0.07	21	0.467	0.49	5.3	72
2+50N		136.5	<0.002	0.1	0.73	8	2	3	593	1.96	0.06	18.8	0.593	0.46	7.9	95
2+75N		115	<0.002	0.07	0.51	7.9	3	2.7	469	1.43	0.1	19.2	0.459	0.44	4.1	70
3+0N		115.5	<0.002	0.07	0.49	6.9	2	3.1	777	2.03	0.08	28.5	0.56	0.49	5.9	76
3+25N		234	0.002	0.03	0.44	8.7	5	4.1	1380	3.37	0.14	43.6	0.69	0.59	17.1	107
3+75N		81.9	0.002	0.09	0.39	6.4	2	2.2	586	1.57	0.06	15.6	0.44	0.38	9.1	77
4+00N		42.2	0.002	0.07	0.93	7.2	3	3.1	264	0.87	0.08	8.9	0.53	0.26	2.7	73
0+25S		93.8	<0.002	<0.01	0.68	19.9	4	1.1	1250	2.59	0.06	67.4	2.2	0.35	13.4	199
0+50S		110.5	0.003	0.02	1.6	18.5	5	3.2	1285	8.49	0.07	33.5	2.82	0.35	6.1	202
0+75S		121	<0.002	0.06	1.8	18.6	5	6.2	1070	11.05	0.07	28.3	3.15	0.26	5.7	241
0+100S		159.5	0.002	0.04	1.96	15.9	5	5.9	1440	14.4	0.07	33.7	3.42	0.27	6.9	223
0+125S		135	<0.002	0.03	2.14	18.8	6	6.6	1315	16.05	0.08	38.2	4	0.28	6.6	258
0+150S		126.5	<0.002	0.04	0.97	11.2	4	4.4	924	5.28	0.09	67.5	1.87	0.35	5.8	159
0+175S		120	0.002	0.07	0.64	13.1	5	4.2	663	4.12	0.06	54.9	1.105	0.49	10.1	107
0+200S		124.5	0.002	0.03	1.27	14.4	4	5.4	815	9.63	0.1	36.8	2.51	0.34	6.9	218
0+225S		90.8	0.002	0.02	1.19	13.4	6	1.5	986	6.47	0.09	96.4	2.05	0.42	12.5	167
0+250S		188	0.002	0.08	0.52	8	3	3.6	466	2.27	0.06	25.6	0.55	0.66	5.5	96
0+275S		215	0.002	0.08	0.48	9.7	3	3.8	599	3.04	0.06	43	0.732	0.65	5.4	99
0+300S		195	0.002	0.07	0.89	9.4	4	4.7	936	4.8	0.09	53.7	1.115	0.49	8.7	109
0+325S		233	0.002	0.07	0.92	9.7	3	4.6	561	3.31	0.09	52.4	1.11	0.48	6.1	118
0+350S		136.5	0.002	0.09	0.46	7.9	2	3.5	369	2.05	0.08	26.7	0.551	0.47	5.1	87
0+375S		189	0.002	0.06	0.34	21.8	2	3.5	864	2.54	0.08	34.1	0.67	0.77	5.6	118
0+400S		90.6	0.002	0.03	2.83	20.9	6	8.1	1295	12	<0.05	37.1	4.14	0.36	9.4	218
0+425S		163	0.002	0.04	2.08	18.8	6	7.1	1065	11.75	0.07	44.1	3.32	0.46	8.9	220
0+450S		179	0.002	0.03	1.45	15.4	4	4.1	791	6.69	0.05	38.2	2.23	0.51	8.7	163
0+475S		141.5	<0.002	0.12	0.75	9.2	3	2.8	386	2.33	<0.05	13.8	0.83	0.43	3.8	83

Comments: REE's may not be totally soluble in MS61r method.

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Finalized Date: 28-OCT-200
Account: LAIEXI

Project: COPELAND, FRISBY

CERTIFICATE OF ANALYSIS VA07115866

Sample Description	Method / Analyte / Units / LOR	ME-MS61r W ppm 0.1	ME-MS61r Y ppm 0.1	ME-MS61r Zn ppm 2	ME-MS61r Zr ppm 0.5	ME-MS61r Dy ppm 0.05	ME-MS61r Er ppm 0.03	ME-MS61r Eu ppm 0.03	ME-MS61r Gd ppm 0.05	ME-MS61r Ho ppm 0.01	ME-MS61r Lu ppm 0.01	ME-MS61r Nd ppm 0.1	ME-MS61r Pr ppm 0.03	ME-MS61r Sm ppm 0.03	ME-MS61r Tb ppm 0.01	ME-MS61r Tm ppm 0.01
CL+0E		1	93.5	139	173	19.4	9.72	9.06	32.9	3.55	0.92	236	70.9	41	4.14	1.23
CL+25E		2.1	119.5	149	84.5	23.9	12.45	11.65	40.9	4.45	1.27	295	91.7	48.4	5.04	1.65
CL+50E		1.9	55.6	155	124.5	10.95	5.65	5.1	18.3	2.05	0.59	132	41	22.1	2.29	0.74
CL+75E		1.6	69	207	162.5	13.6	7.03	6.19	22.7	2.55	0.76	152.5	47.6	26.1	2.83	0.93
CL1+00E		1.4	88.3	196	192	17.9	8.94	8.41	31	3.3	0.87	211	63.7	36.4	3.86	1.13
CL1+25E		1	86.2	181	185	17.35	8.55	7.96	28.7	3.19	0.87	198.5	60.5	34.5	3.62	1.11
0+0N		1.4	72.6	133	179	15.7	7.46	7.44	26.2	2.81	0.73	173.5	51.3	31	3.3	0.94
0+25N		1.4	81.7	221	185.5	16.65	8.22	7.65	27.1	3.01	0.85	180.5	55	31.7	3.43	1.08
0+50N		1.5	50.3	152	133	9.88	5.09	4.41	16.85	1.84	0.54	120	38.4	19.9	2.05	0.67
0+75N		1.1	48.9	143	151.5	9.8	5.71	3.68	13.65	1.95	0.71	88.2	28.1	14.7	1.85	0.83
1+25N		0.9	33.8	111	180	6.2	3.6	2.17	8.32	1.24	0.45	49.9	15.05	8.88	1.18	0.52
1+50N		1.2	27.1	127	147	5.35	3.02	2.28	8.83	1.04	0.36	61	20.1	9.27	1.08	0.41
1+75N		1.1	22.2	72	240	4.6	2.6	1.4	5.39	0.9	0.34	27.8	8.06	5.65	0.82	0.37
2+0N		1.1	18.1	74	169.5	3.49	1.98	1.15	4.69	0.67	0.27	27.2	8.39	4.91	0.66	0.29
2+25N		1.3	20.3	87	130	4.39	2.4	1.63	6.77	0.84	0.29	43.2	14.2	6.73	0.86	0.34
2+50N		1.8	23.6	158	139	4.85	2.64	1.82	7.09	0.93	0.33	41.9	13.25	7.08	0.93	0.37
2+75N		1.8	23.5	119	156.5	4.85	2.7	1.69	6.96	0.95	0.36	41.2	13.2	7.22	0.95	0.38
3+0N		2.1	18.8	87	118.5	3.92	2.25	1.67	6.24	0.76	0.29	41.1	13.85	6.27	0.79	0.31
3+25N		2.3	174.5	166	88.2	26	15	9.96	37.7	5.23	1.76	210	71.2	35.7	5.15	1.98
3+75N		1.8	16.2	104	113	3.34	1.84	1.33	5.12	0.66	0.24	31.6	10.55	4.97	0.66	0.27
4+00N		1.4	16.4	42	282	3.05	1.85	0.89	3.5	0.63	0.27	16.4	4.61	3.45	0.55	0.29
0+25S		1	96.9	162	229	20.7	10.05	10.2	35.9	3.8	0.94	216	64.8	38.5	4.45	1.28
0+50S		3.5	99.8	172	91.8	22.3	10.5	11.45	37.7	3.93	0.99	230	65.7	43	4.78	1.3
0+75S		3.5	89.2	171	85.8	20.3	9.17	10.85	35.5	3.54	0.85	218	60.4	41.3	4.46	1.13
0+100S		3	86.3	173	83.1	20.2	9.26	11.45	37.8	3.57	0.84	248	69.7	43.8	4.58	1.12
0+125S		3	107.5	171	104	24.9	11.6	14.4	47.5	4.34	1.01	320	95	55.7	5.69	1.37
0+150S		2.2	77	149	93.2	15.8	8.11	8.02	29.2	2.89	0.83	199	63.8	32.1	3.43	1.05
0+175S		2.9	114.5	169	118.5	20.4	11.4	7.71	28.7	3.93	1.32	170	52.2	30.4	3.88	1.59
0+200S		1.7	80.1	173	116	17.4	8.65	9	32.7	3.2	0.82	223	70.8	35	3.87	1.09
0+225S		1.6	153	159	126	27.6	15.65	13	49.5	5.33	1.87	327	108.5	51.1	5.87	2.14
0+250S		1.3	31.1	344	85.4	6.35	3.51	2.58	11	1.2	0.4	75.2	26.5	10.1	1.28	0.49
0+275S		0.9	45.3	191	142	9.37	5.15	4.23	16.8	1.79	0.57	113	39.7	15.95	1.96	0.69
0+300S		1.1	100.5	296	92.3	18.95	10.65	8.36	33.4	3.67	1.14	215	72.7	31.9	3.91	1.44
0+325S		1.4	41.5	181	99.6	8.67	4.57	3.81	15.15	1.6	0.49	95.2	32.4	14.7	1.81	0.6
0+350S		58.4	28.6	181	102	5.88	3.3	2.32	9.93	1.16	0.38	62.8	22	9.04	1.22	0.45
0+375S		1.5	39.7	179	312	8.4	4.33	4.64	16.55	1.52	0.46	106.5	35.4	16.35	1.85	0.56
0+400S		3.1	120	143	83.3	27.6	12.65	14.1	47.2	4.84	1.11	261	74.1	50.6	6.06	1.55
0+425S		3.2	123.5	163	111	25.3	12.4	12.4	44.2	4.57	1.19	282	85.4	47.1	5.55	1.57
0+450S		2.5	88.8	207	90.8	19.65	9.27	9.47	34	3.51	0.87	205	60.9	36.7	4.26	1.17
0+475S		1	29.9	156	125	6.16	3.22	2.89	10.85	1.15	0.36	70.6	22.4	11.1	1.33	0.43

Comments: REE's may not be totally soluble in MS61r method.

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Finalized Date: 28-OCT-2007
Account: LAIEXP

Project: COPELAND, FRISBY

CERTIFICATE OF ANALYSIS VA07115866

Sample Description	Method / Analyte / Units / LOR	ME-MS61r / Yb / ppm / 0.03
CL+0E		7.04
CL+25E		9.71
CL+50E		4.33
CL+75E		5.66
CL1+00E		6.75
CL1+25E		6.49
0+0N		5.64
0+25N		6.21
0+50N		3.97
0+75N		5.14
1+25N		3.32
1+50N		2.54
1+75N		2.35
2+0N		1.82
2+25N		2.09
2+50N		2.35
2+75N		2.42
3+0N		2.03
3+25N		12.1
3+75N		1.66
4+00N		1.87
0+25S		7.32
0+50S		7.55
0+75S		6.66
0+100S		6.47
0+125S		7.94
0+150S		6.21
0+175S		9.83
0+200S		6.34
0+225S		13.3
0+250S		2.99
0+275S		4.15
0+300S		8.48
0+325S		3.61
0+350S		2.75
0+375S		3.31
0+400S		8.71
0+425S		9.09
0+450S		6.72
0+475S		2.58

Comments: REE's may not be totally soluble in MS61r method.

APPENDIX B

ASSAY METHODS

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Geochemical Procedure – ME-MS61r
(REE Add-on package to ME-MS61)*
Ultra-Trace Level Method Using ICP-MS and ICP-AES

Sample Decomposition: $HF-HNO_3-HClO_4$ acid digestion, HCl leach (GEO-4A01)

Analytical Methods: Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)
Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and analyzed by inductively coupled plasma-atomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples meeting this criterion are then analyzed by inductively coupled plasma-mass spectrometry. Results are corrected for spectral interelement interferences.

NOTE: Four acid digestions are able to dissolve most minerals; however, although the term "*near-total*" is used, depending on the sample matrix, not all elements are quantitatively extracted.

Results for the additional rare earth elements will represent the acid leachable portion of the rare earth elements and as such, cannot be used, for instance to do a chondrite plot.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	Al	%	0.01	50

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Element	Symbol	Units	Lower Limit	Upper Limit
Arsenic	As	ppm	0.2	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Ca	%	0.01	50
Cadmium	Cd	ppm	0.02	1 000
Cerium	Ce	ppm	0.01	500
Cobalt	Co	ppm	0.1	10 000
Chromium	Cr	ppm	1	10 000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.1	500
Indium	In	ppm	0.005	500
Potassium	K	%	0.01	10
Lanthanum	La	ppm	0.5	10 000
Lithium	Li	ppm	0.2	10 000
Magnesium	Mg	%	0.01	50
Manganese	Mn	ppm	5	100 000
Molybdenum	Mo	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10 000
Phosphorous	P	ppm	10	10 000

Element	Symbol	Units	Lower Limit	Upper Limit
Lead	Pb	ppm	0.5	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	1	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000
Tantalum	Ta	ppm	0.05	100
Tellurium	Te	ppm	0.05	500
Thorium	Th	ppm	0.2	10 000
Titanium	Ti	%	0.005	10
Thallium	Tl	ppm	0.02	10 000
Uranium	U	ppm	0.1	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.1	10 000
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500
Dysprosium	Dy	ppm	0.05	1 000
Erbium	Er	ppm	0.03	1 000
Europium	Eu	ppm	0.03	1 000
Gadolinium	Gd	ppm	0.05	1 000
Holmium	Ho	ppm	0.01	1 000
Lutetium	Lu	ppm	0.01	1 000

Element	Symbol	Units	Lower Limit	Upper Limit
Neodymium	Nd	ppm	0.1	1 000
Praseodymium	Pr	ppm	0.03	1 000
Samarium	Sm	ppm	0.03	1 000
Terbium	Tb	ppm	0.01	1 000
Thulium	Tm	ppm	0.01	1 000
Ytterbium	Yb	ppm	0.03	1 000