Rimfire Minerals Corporation

093982

1998 GEOLOGICAL MAPPING, PROSPECTING, AND ROCK SAMPLING PROGRAM ON THE LIN PROPERTY, LIN 1-24 CLAIMS.

Watson Lake Mining District
NTS 105H/15, 105I/2
62° 00' North Latitude
128° 40' West Longitude

-prepared for-

RIMFIRE MINERALS CORPORATION
207-675 West Hastings Street
Vancouver, B.C., Canada
V6B 1N2

-prepared by-

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EQUITY ENGINEERING LTD.
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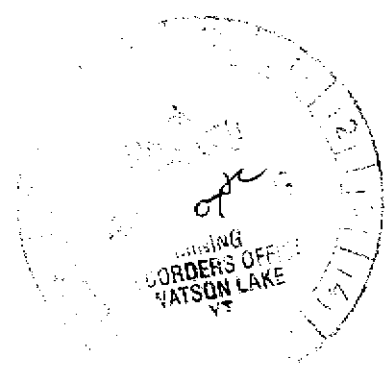

Date Worked: August 2, 1998

March, 1999

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $ 6000.00 .

M. Burke

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

1998 EXPLORATION PROGRAM ON THE LIN PROPERTY

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SUMMARY

The LIN Property is located north of the Hyland River, near the Northwest Territories border, 200 kilometres north of Watson Lake in the southeastern Yukon. The property is situated nine kilometres west of the Nahanni Range road (Yukon Highway #10) and is comprised of 24 claims in the Watson Lake Mining District. Rimfire Minerals Corporation currently holds an option to earn an interest in the property.

The LIN Property was first staked by Westmin Resources Limited. in 1996 based on results from a regional stream sediment sampling program conducted in 1994. Westmin did contour soil sampling and minor geological mapping and rock sampling in 1996 and additional soil sampling in 1997. No previous exploration had been recorded on the property.

The LIN Property is located within a relatively homoclinal sequence of siliciclastic, calcareous and phyllitic, continental-margin sediments of the late Proterozoic to early Cambrian Hyland Group. Several faults occur within this section, including possible thrust faulting within the stratigraphic section.

In 1998, additional geological mapping, prospecting and rock sampling was done on the LIN Property. The property was accessed by helicopter from a camp based on the FER Property, 12 kilometres to the southeast. A total of 23 rocks were collected on the property in 1998.

Rock and soil sampling indicates an area of elevated As values in the north part of the property where a large, north-northwest structure crosses the main ridge in this area. Spotty anomalous values for Au and As, as well as Cu and Co, were found in the southeast part of the property, also in the vicinity of an apparent north-northeast structure. One rock sample collected on the main ridge in 1996 has returned 200 ppb Au, but otherwise no significant gold values have been located on the property.

Overall, mineralization and alteration on the LIN Property is not extensive. Rock and soil sampling results to date on the have been quite weak. However, the amount of work done on the property is minimal and the 1994 stream sediment results in the area were quite interesting. As well, the geology of the south and southeast parts of the property has not been examined at all. Any additional work on the LIN Property should be directed to more detailed follow-up of the weak geochemical response discovered along the north-northwest structures on the property and to investigate the geology of the southern area. The good bedrock exposure on the LIN Property should make evaluation of these anomalous areas relatively straight forward.

1.0 INTRODUCTION

The LIN Property is situated in the southeastern part of the Yukon, 200 kilometres north of Watson Lake (Figure 1). The property was originally staked by Westmin Resources Limited in 1996 based on results from a regional stream sediment sampling program intended to detect sediment hosted gold deposits. In 1998, Rimfire Minerals Corporation acquired an option on the property from Boliden Westmin (Canada) Ltd., who now control the property.

On August 2, 1998, Rimfire Minerals Corporation funded an exploration program emphasizing, geological mapping and rock sampling. This work was completed by Equity Engineering Ltd. for Rimfire. Equity has also been retained to report on the results of the fieldwork.

2.0 LIST OF CLAIMS

The LIN Property consists of 24 quartz mineral claims, located in the Watson Lake Mining District (Figure 2), registered to Boilden Westmin (Canada) Ltd.. Rimfire Minerals Corporation has an option to earn a 85% interest in the LIN and nearby FER Claims by expending $1,00,000 in exploration work and issuing 50,000 shares to Westmin over a 5 year period. Claim data for the LIN Property is summarized in Table 2.0.1.

TABLE 2.0.1
CLAIM DATA

Claim Name	Grant Number	No. of Claims	Expiry Date*
LIN 1-24	YB85801-824	24	Dec. 31, 2001

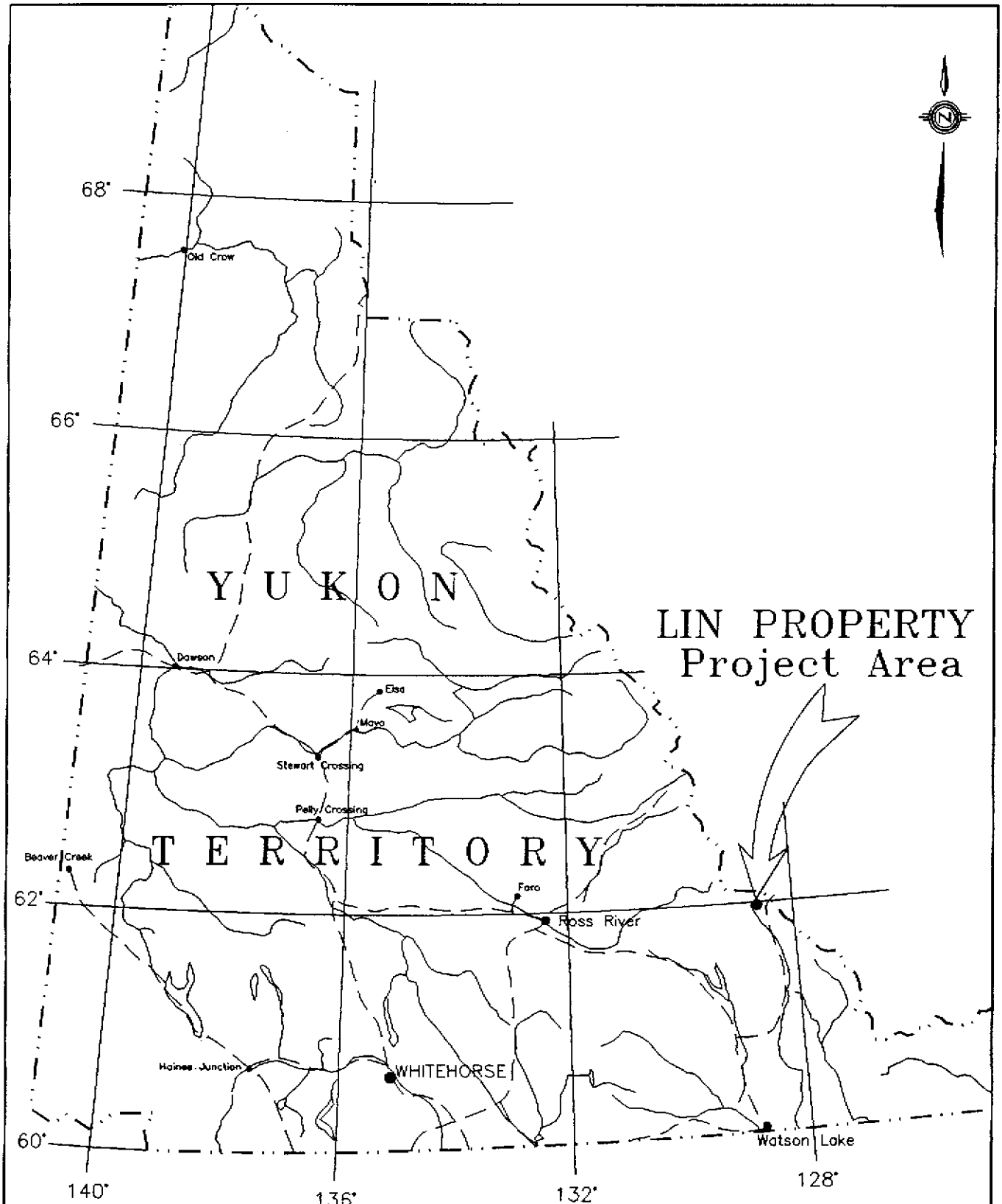
* The expiry dates for the LIN Claims take into account the assessment work covered by this report.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The LIN Property is situated in the Logan Mountains, some 200 kilometres north of Watson Lake in the southeastern Yukon (Figure 1). The property is located 9 kilometres west of the Nahanni Range Road, which runs north from the Robert Campbell Highway in the Yukon to Tungsten, Northwest Territories. The center of the property is approximately 62° 00' latitude, 128° 40' longitude. The property lies several kilometres from the border of the Northwest Territories, between the Hyland and Little Hyland rivers. Access to the property was gained by charter helicopter. Elevations on the property range from just under 1460 metres to just over 2180 metres. All of the property is above tree-line, with alpine vegetation prevalent throughout the area.

4.0 PROPERTY EXPLORATION HISTORY

The LIN Property was originally staked by Westmin Resources Limited in 1996 and was located to cover several stream drainages which were found to be anomalous in gold and arsenic (>90th percentile) in a regional stream sediment sampling program conducted by Westmin in 1994. Westmin did some contour soil sampling, and limited geological mapping and rock sampling in 1996 and then additional soil sampling in 1997 (Terry, 1998). A total of 146 soil samples and 14 rock samples were collected by Westmin. The results of this work indicated moderately anomalous results for gold and arsenic in some soils (based on comparison to the FER Property, 12 kilometres to the southeast). These anomalous results were concentrated on the southwest side of a north-northwest trending fault in the north part of the property. Spotty, highly anomalous arsenic results were detected in the south part of the property. One rock sample taken in 1996 returned 200 ppb gold but no other rock samples gave

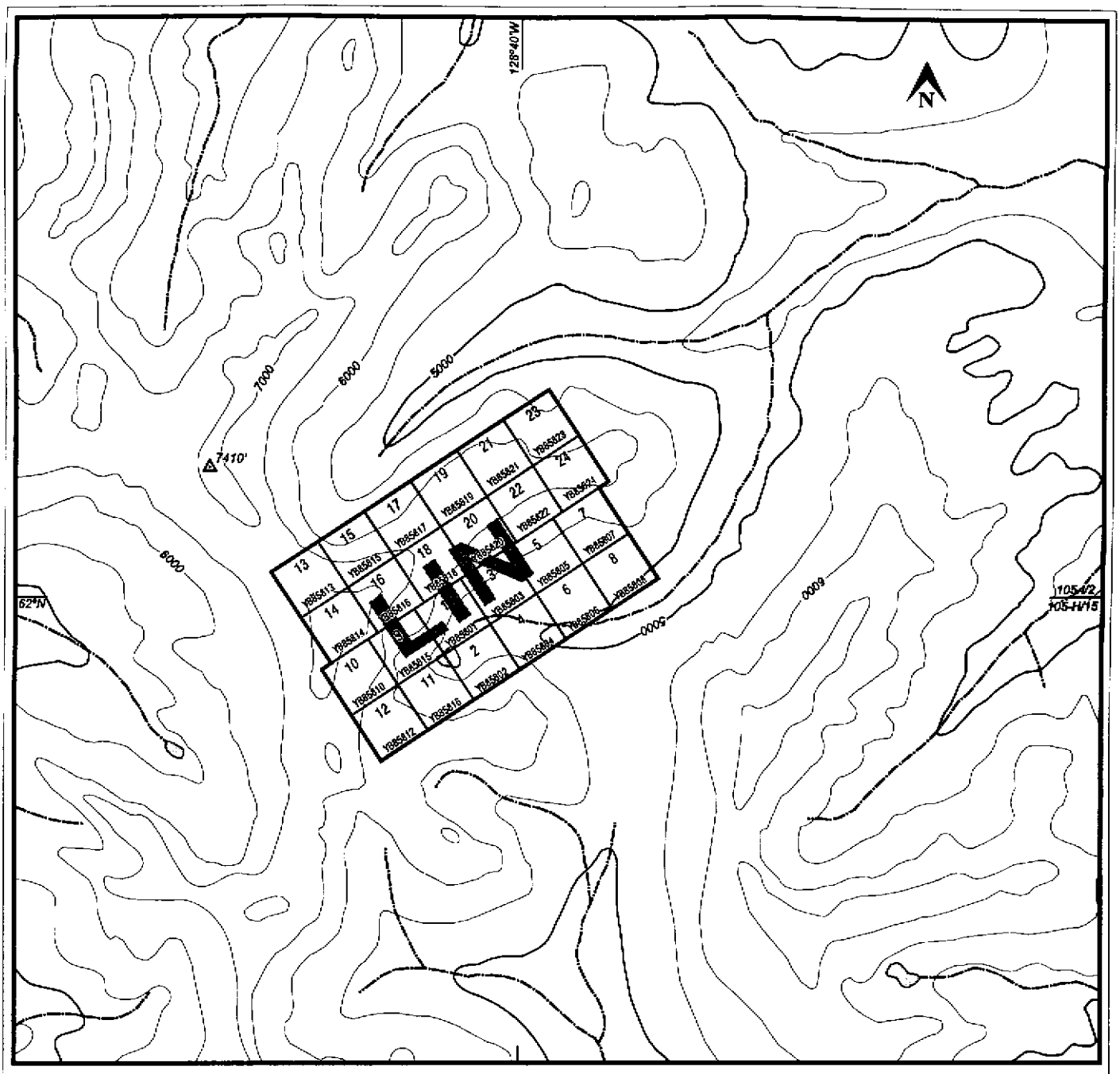


RIMFIRE MINERALS CORPORATION

LIN PROPERTY

LOCATION MAP

EQUITY	Date: Feb 1999	Scale: 1:5,000,000	Figure: 1
	U.T.M. Zone: UTM	Mining District: Watson Lake	
	N.T.S.: 105H/15	State/Province: Yukon	



Topographic contour elevations denoted in feet

RIMFIRE MINERALS CORPORATION

HYLAND PROJECT

LIN PROPERTY

CLAIM MAP

EQUITY	Date: March 1999	Scale: 1 : 50,000	Figure: 2
	UTM Zone: Zone 9 NAD 27	Mining Division: Watson Lake	
	NTS: 105-H/15, 105-I/2	Area/Prov: Yukon	

significant results.

The area has been mapped by the Geological Survey of Canada (G.S.C., Map 1966-6), and covered by a stream sediment sampling program sponsored by the federal government (Hornbrook and Friske, 1989). As well, the south part of the claim group was covered by an airborne magnetic survey, also sponsored by the federal government (G.S.C., Aeromagnetic Series, 1961).

5.0 1998 EXPLORATION PROGRAM

The main objective of the 1998 exploration program was to follow-up anomalous gold and arsenic values in soils at the north end of the property. As well, the geology of this area had not been mapped previously. Three man/days (two geologists, one prospector) were spent mapping, prospecting and sampling the main ridge in the north part of the claims. These samples were marked by flagging and aluminum tags inn the field. A total of 23 rock samples were taken in the course of this work. These samples were subsequently analysed for gold plus 32 elements at Chemex Labs in North Vancouver, B.C.

6.0 REGIONAL GEOLOGY

The LIN Property is underlain by Hyland Group meta-sedimentary rocks of Neoproterozoic to Lower Cambrian age (Figure 3). The Hyland Group consists of greater than 3000 metres thickness of siliciclastic and bioclastic, platformal or continental margin sedimentary rocks. The upper 500 metres of the Hyland Group consists almost exclusively of shale (phyllites). A lower section is comprised mainly of quartzite, quartz grit, and quartz pebble conglomerate units interbedded with phyllite. Limestone beds are also present in the section.

Cross-cutting the Hyland Group meta-sedimentary rocks are Cretaceous-aged intrusions. These intrusions are primarily granitic although they are not well described in the government geology. The regional airborne magnetic maps for this area reveal two distinct magnetic signatures associated with these intrusions: a strong magnetic response, and a very weak or negative magnetic response relative to the country rocks. The highly magnetic response seems to be mainly associated with the larger, batholithic intrusions well to the south and east of the LIN Property. These intrusions have ill-defined boundaries consisting of mixed intrusive, migmatitic and gneissic rocks. The second type of response appears to be more commonly associated with smaller intrusions having sharp contacts and pronounced metamorphic aureoles, characterized by gossan (after pyrite, or biotite?). An elongate example of this type of intrusion occurs just south of the Hyland River, about 15 kilometres south of the LIN Property.

Generally, bedding and fold axes trend northwest, turning westerly to the west of the LIN Property, with moderate to steep dips. Linear valleys are common in this area indicating the presence of significant faults (observable in the regional magnetic patterns). Several roughly north-south structures are evident in the drainage patterns and apparent left lateral off-set can be deduced from the magnetic maps. The Hyland and Little Hyland Rivers occupy large linear, northwest trending valleys which may represent major strike-slip or thrust faults.

Rocks of the Hyland Group host the Hyland Gold occurrence (Bremner and Ouellette, 1990), about 150 kilometres to the south-southeast of the LIN Property. This sediment-hosted gold deposit has inferred oxide reserves totalling 6.75 Mt at a grade of just under 2.0 g/t Au based on surface trench results. Mineralization is controlled by north-south oriented structures which have preferentially brecciated, altered and mineralized Hyland Group quartzite and grit units.

GEOLOGICAL LEGEND
(to accompany Figure 3)

CENOZOIC

QUATERNARY

16 — Unconsolidated glacial and alluvial deposits

MESOZOIC

CRETACEOUS (?)

15 — Fine- to medium-grained biotite-quartz monzonite, granodiorite, minor diorite and gneiss; 15a, fine- and medium-grained biotite hornblende quartz monzonite and granodiorite, in part porphyritic; 15b, hornblende syenite

PALAEOZOIC

DEVONIAN AND (?) MISSISSIPPIAN

13 — Brown and black shale, black and grey chert, quartzite, greywacke, chert-pebble conglomerate; 13a, fine-grained light grey limestone and minor dolomite; 13b, greenstone; 13c, serpentinite

14 — Rusty brown weathering fine-grained schistose and spotted biotite hornfels, fine-grained quartzite, black pyritic argillite, dense light green to grey calc-silicate hornfels and fine-grained marble; minor slate, silty limestone and greywacke; 14a, light grey thin-bedded fine-grained marble and calc-silicate hornfels. May include some 1 and 2

SILURIAN AND DEVONIAN (?)

12 — Fine-grained light to dark grey dolomite and quartzite; minor buff-grey dolomitic quartzite and silty to sandy dolomite

ORDOVICIAN AND SILURIAN

11 — Black shale, slate; minor chert, siltstone, dark limestone

CAMBRIAN

MIDDLE AND LATE CAMBRIAN

9 — Light grey and brownish grey weathering, intercalated platy argillaceous silty limestone, siltstone and fine-grained grey limestone

10 — Dark grey and brown silty shale and finely laminated siltstone, dark grey slate, thin-bedded brown-grey fine-grained sandstone; minor hornfels

EARLY AND/OR MIDDLE CAMBRIAN

7 — Buff-weathering dolomite, silty and sandy dolomite; minor sandstone and shale

6 — Bright yellow and orange-weathering silty and sandy dolomite

8 — Dark brown-grey to black, in part pyritic, calcareous argillite, slate, shale and minor thin-bedded argillaceous limestone

EARLY CAMBRIAN

5 — Sandstone, buff-weathering sandy and silty dolomite, dolomite, minor quartzite and argillaceous limestone; basic volcanic flows

4 — 'Swiss-cheese' limestone, irregular interbanded dolomitic siltstone and argillaceous to silty limestone; pods and lenses of limestone; minor blue-grey fine-grained limestone and orange-weathering dolomite

CAMBRIAN AND/OR EARLIER

3 — Brown to red-brown weathering slate, phyllite, siltstone and fine-grained quartzite; 3a, green-grey slate and phyllite

PROTEROZOIC

1 — Brown, grey, maroon and green shale; grey to green slate and phyllite, gritty feldspathic quartzite, quartz- and feldspar-pebble conglomerate, sandstone; 1a, minor limestone; 1b, light grey weathering, fine-grained grey limestone; 1c, mainly grey to green slate and phyllite; 1d, maroon and green shale and slate; 1e, mainly brown and grey shale and slate, minor maroon and green shale; 1d and 1e are probably equivalent and perhaps correlative with 1c

2 — Quartz-feldspar-mica gneiss and schist, granitoid gneiss, feldspathic and micaceous quartzite, biotite schist, minor marble and skarn; numerous small granitic bodies, aplite and pegmatite; 2a, fine- to coarse-grained marble

A — Highly altered, green to brown, megacrystic, coarse-grained biotite-quartz monzonite or granodiorite. Age uncertain

7.0 PROPERTY GEOLOGY

The geology of the LIN Property consists of a relatively homoclinal sequence of Hyland Group sedimentary rocks (Figure 4). The section is dominated by quartz grit beds, which are commonly calcareous, with interbedded phyllite and limestone units. The quartz grit unit could be more correctly termed an arkosic grit as it normally contains 1-20% clay-rich (weathered?) clasts, likely after feldspar. As well, the quartzose units grade from fine grained quartzite to quartz pebble conglomerate, with essentially the same arkosic composition. Beds of the quartz grit range from several metres to tens of metres thick. The phyllite units are commonly sericitic with quartz lenses throughout. These beds are generally thinner than the quartz grit units although they are locally tens of metres thick, as well. The limestone units are present in the south part of the property as thick, dark beds intercalated with quartz grit and phyllite. They occur as lenses locally, possibly due to localization of faults in the vicinity of the limestone units.

Quartz veining is common in the quartz-rich units and locally can be quite concentrated, including stockwork zones. Silicification has been noted but it is not extensive.

The homoclinal sequence of beds on the LIN Property is quite consistent with the regional bedding trend of northwest-southeast and dipping moderately to steeply southwest. Local isoclinal folds, observed in the limestone unit, appear to be spatially associated with faulting. Large faults are present within the section, generally observable as lineaments. The main trend in these faults is north-northwest to northwest, with apparently steep dips. Shallower angle, southwest dipping faults may also be present although these are more dificult to see because they closely follow bedding. The possibility that these are reverse or thrust faults has not yet been determined.

7.1 Mineralization

Mineralization is scarce on the LIN Property. Although not ubiquitous, trace to 0.5% pyrite is common in the quartz-rich units, normally resulting in a gossanous weathered surface. Pyrite is rare in the phyllites and has been noted only locally in the limestone. Quartz veins and veinlets commonly carry a trace of pyrite as well. One rock sample taken in 1998 (596842) was from float of quartz grit with 5-7% pyrite and locally several percent arsenopyrite. However, the sample returned only 20 ppb Au and 78 ppm As (Figure 5).

Rock samples taken from the area of the anomalous soils associated with the north-northwest structure in the north part of the property returned high arsenic values, up to 636 ppm. However, these values were spotty and similarly elevated gold values were not found. A quartz grit unit near the southwest end of the main ridge is enriched in arsenic, with values up to 444 ppm As, and it contains spotty gold values (one sample of 200 ppb Au). However, detailed mapping in 1998 did not detect any obvious alteration or mineralization which could be the source of these values.

Significant results from the rock sampling on the LIN Claims are tabulated below:

Table 7.1.1
SIGNIFICANT ROCK SAMPLE RESULTS, LIN CLAIMS

Sample No.	Year	type	Au (ppb	As (ppm)
596837	1998	grab	5	636
596842	1998	grab	20	78
596968	1998	grab	20	444
709639	1998	grab	5	244
550451	1996	grab	10	270
550455	1996	grab	200	58

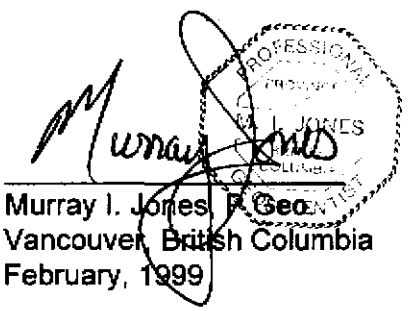
8.0 DISCUSSION AND RECOMMENDATIONS

The LIN Property is underlain by silici-clastic, phyllitic and limy rocks of the Late Proterozoic to Early Cambrian Hyland Group. These rocks form a homoclinal sequence trending northwest-southeast, dipping moderately to the southwest. Quartz veining is common in the more quartz-rich sedimentary rocks, with minor associated silicification, but overall alteration and mineralization is weak in the areas mapped to date. Minor gold and arsenic values have been reported for some samples, spatially associated with north-northwest trending lineaments.

The level of alteration on the LIN Property does not seem to be as significant as has been observed on the nearby FER Property. However, only a very minor amount of work has been done to date on the LIN property and there are still areas which should be examined. In particular, several anomalous soil and rock samples in the south part of the property have not been investigated. Work should concentrate on determining the relationship, if any, between the north-northwest trending lineaments and mineralization on the LIN Property. This would involve a maximum of two or three crew days, consisting of a geologist, prospector and two soil samplers, doing systematic sampling and mapping of the anomalous zones.

Respectfully submitted,

EQUITY ENGINEERING LTD.



Murray I. Jones, P.Geo.
Vancouver, British Columbia
February, 1999

480000 490000 500000 510000 520000 530000 540000 550000 128°00'00"

62°00'00"

6870000

6860000

6850000

6840000

6830000

6820000

LIN Property

FER Property

Fe Cu

Tusslies Lake

Anderson Lake

Turgeon H.S.

H.S.

LITTLE HYLAND RIVER

HYLAND RIVER

THOMAS CREEK

ANDERSON

N Pass Creek

Rimrock Road

UTM GRID NORTH

093982 DWG 1

* LEGEND ON FOLLOWING PAGE

2000 0 2000 4000 6000m

SCALE 1 : 250,000

RIMFIRE MINERALS CORPORATION

LIN PROPERTY

REGIONAL GEOLOGY

Date	Feb. 1999	Scale	1:250,000
NTS	105H/15	Mining District	Watson Lake
		Province	Yukon

Figure 3

APPENDIX A

BIBLIOGRAPHY

BIBLIOGRAPHY

Bremner, T. and Ouellette, D., 1990. Hyland Gold: Report in Yukon Exploration 1990. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Part C, pp. 36-37.

Geological Survey of Canada, 1966. Geology of the Frances Lake Sheet (NTS 105H), Yukon Territory, Map 1966-6, 1" to 4 miles.

Geological Survey of Canada, 1961. Frances Lake, Yukon Territory, Map 105H, Aeromagnetic Series, Geophysics Paper 7007G, 1" to 4 miles.

Hornbrook, E.H.W. and Friske, P.W.B/, 1989. Regional Stream and Water Geochemical Data, Southeast Yukon, Map 105H: Open File 1649, Geological Survey of Canada.

Terry, D.A., 1998. 1997 Assessment Report Describing Soil Sampling on the LIN 1-24 Claims, Hyland River Area, Yukon Territory. Report submitted for assessment.

APPENDIX B

LIST OF PERSONNEL

LIST OF PERSONNEL

Murray I. Jones (Project Geologist)
8606 144A St.
Surrey, B.C.
V3S 2Y2

David A. Caulfield (Senior Geologist)
207 - 675 West Hastings St.
Vancouver, B.C.
V6B 1N2

Tom Bell (Prospector)
207 - 675 West Hastings St.
Vancouvre, B.C.
V6B 1N2

APPENDIX C

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES
LIN PROPERTY
LIN 1-24 Claims
August 2, 1998

CANADA) In the matter of an evaluation program on the LIN Property

I, Murray I. Jones, of Equity Engineering Ltd., 207, 675 West Hastings Street, Vancouver, B.C. do solemnly declare that a program consisting of geological mapping, prospecting and rock sampling was carried out on the LIN 1-24 Mineral Claims on August 2, 1998. The following expenses were incurred during the course of this work and in the compilation and reporting of the results:

see Table on following page

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

Declared before me at Vancouver in the)
Province of British Columbia this)
29th day of March, 1999)

Murray Jones

PROFESSIONAL ENGINEER
JONES
BRITISH COLUMBIA
GEOSCIENTIST

Notary Public for the Province of British Columbia

Expenditure Summary

EQUITY ENGINEERING LTD.

Project: **LIN Claims**
Date: August, 1998

	UNITS	RATE	SUBTOTAL	TOTAL
WAGES:				
Project Geologist, Murray Jones, pre-field, field, post-field	5.375	$ 425	$ 2,284.38	
Senior Geologist, Dave Caulfield	1	425	425.00	
Geologist, Dave Pawliuk	0	350	-	
Prospector, Tom Bell	1	300	300.00	
Senior Sampler, Tim Sullivan, mob assist	0.1	275	27.50	
Clerical, Equity Engineering Ltd.	2	25	50.00	
				3,086.88
RENTALS (EQUITY AND NON EQUITY)				
Camp (mandays)	3	$ 25.00	$ 75.00	
Chainsaw	0	15.00	-	
Generator (1kvA)	1	10.00	10.00	
Truck (standby)	1	30.00	30.00	
Truck	1	80.00	80.00	
Hand-held radios(non EEL)	3	$8.00	24.00	
Truck 1(non EEL)	0	$80.00	-	
				219.00
SUBCONTRACTS	hours			
Helicopter, Trans North Helicopters	2	$668.44	1,336.88	
				1,336.88
ANALYSES				
Soils	0	$14.88	-	
Rock Geochem 1	23	$16.39	376.97	
				376.97

EXPENSES (apply overall expenses pro-rated at 1 day on LIN Claims of a total 9 field days for LIN and FER programs program)

Accomodation	$	425.00	
Airfare, @ 25% of total Vancouver-Whitehorse		299.75	— N/A MCB
Automotive Fuel		187.82	
Bulk Fuel		792.24	
Camp Food		815.32	
Claim recording fees		945.00	— N/A B
Communications		83.34	
Courier, Freight		116.83	
Expediting		610.00	
Field Supplies		51.35	
Freight		75.00	
Geochemical Supplies		42.80	
Maps & Publications		54.08	
Meals		204.66	
Airphoto		345.36	
Printing & Repro		632.94	
Taxis, Parking, Tolls		93.89	
Drafting		1,210.00	
Telephone		136.19	
Satellite phone rental		446.04	
Total Expenses	$	7,567.61	$ 840.85

ESTIMATED POST-FIELD EXPENSES

Drafting Costs, Data plotting (@10% total for LIN and FER claims)	$ 290.00	
		290.00
SUBTOTAL		6,150.58
PROJECT SUPERVISION CHARGE		
12% on expenditures up to $100,000	$ 738.07	
		738.07
TOTAL		$ 6,888.65
G.S.T. 7%		482.21
GRAND TOTAL		$ 7,370.85

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

MINERAL ABBREVIATIONS

AK	ankerite	AS	arsenopyrite	BA	barite
BI	biotite	CA	calcite (or CC)	CL	chlorite
CP	chalcopyrite	CY	clay	EP	epidote
GE	goethite	GL	galena	HE	hematite
HS	specularite	JA	jarosite	KF	K-feldspar
MG	magnetite	MN	Mn-oxides	MS	sericite (or SE)
PO	pyrrhotite	PY	pyrite	QZ	quartz
SI	silica	SP	sphalerite	SM	smithsonite

ALTERATION INTENSITY

tr	trace	w	weak	m	moderate
		s	strong		

Rock Sample Descriptions

Project Name: Lin **Project:** RMC98-06 **NTS:** 105H/15, 105I/2

Sample Number:	Grid North:	N	Grid East:	E	Type:	Alteration: <10%QZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596837	UTM	N	UTM	E	Strike Length Exp: 5 m	Metallics: <1%PY	5	<.2	636	4
	Elevation 1810	m	Sample Width: 1.8	m	True Width: 1.4 m	Secondaries: wGE, wMN	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 075°/42° S		Foliation		Host : Phyllitic quartz grit		<2	5	4	

Comments: Two quartz grit (phyllitic) outcrop occur over 25m. Weak quartz veining; lacks sericitic alteration and silicification.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: 40%QZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596838	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	160	18
	Elevation 1805	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit		<2	1	3	

Comments: Select float sample of best quartz veined grit. Pyrite boxwork 1-2%, 20cm angular boulder.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: 10%QZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596839	UTM	N	UTM	E	Strike Length Exp:	Metallics: 2%PO, <1%PY	<5	<.2	10	22
	Elevation 1785	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries:	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Calcareous quartzite		<2	1	4	

Comments: Large angular float boulder (1 x 1.5m), light green-brown weathered surface, cross cut by 1-5mm quartz veinlets. Pyrrhotite occurs as elongated blebs along dry fracture and finely disseminated with pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: 10%QZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596840	UTM	N	UTM	E	Strike Length Exp: 20 m	Metallics: trPY	<5	<.2	<2	10
	Elevation 1785	m	Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 260°/44° N		Vein		Host : Light green phyllitic arkose, weakly calcareous.		<2	4	5	

Comments: Sample across quartz veining, parallel to foliation. Tiny fly specks noted -S"?

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCA, 15%QZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596841	UTM	N	UTM	E	Strike Length Exp: >25 m	Metallics: trPY	<5	<.2	<2	<2
	Elevation 1745	m	Sample Width: 1	m	True Width: 1 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 190°/75° W		Vein		Host : Arkose quartz -feldspar grit		<2	<1	4	

Comments: Main vein in directions 190/75 W, 210/43 W.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596842	UTM	N	UTM	E	Strike Length Exp:	Metallics: ?AS, 5-7%PY	20	<.2	78	8
	Elevation 1660	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: sGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Grit?		<2	2	1	

Comments: Grab from several pieces of rusty siliceous float. Coming from 10 x 10 m outcrop. Found at pick-up time. - No time to investigate.

Rock Sample Descriptions

Project Name: Lin **Project:** RMC98-06 **NTS:** 105H/15, 105I/2

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCY, wMS, wQZ, mSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596968	UTM	N	UTM	E	Strike Length Exp: >50 m	Metallics:	20	<.2	444	6
	Elevation 2050	m	Sample Width: 5	m	True Width: 5 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 130°/55° SW		Bedding		Host : Quartz - arkose grit		<2	7	5	

Comments: Random grab across bed within phyllite - gossanous, quartz veins, medium to coarse grained grit.

Sample Number:	Grid North:	N	Grid East:	E	Type: Select	Alteration: wCY, mQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596969	UTM	N	UTM	E	Strike Length Exp: >20 m	Metallics:	<5	<.2	4	<2
	Elevation 2045	m	Sample Width: 1	m	True Width: 1 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Limy quartzite		<2	1	3	

Comments: Vuggy quartz stock work in quartzite - test for mineralization. Likely near 550455 (1996) sample with 230ppb gold, but couldn't locate flag.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCY, wQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596970	UTM	N	UTM	E	Strike Length Exp: >50 m	Metallics:	<5	<.2	10	2
	Elevation 2035	m	Sample Width: 1.5	m	True Width: 1.5 m	Secondaries: w-mGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit, near phyllite contact		<2	1	3	

Comments: Weak quartz veinlet stockwork, limonitic.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: mCB, wQZ	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596971	UTM	N	UTM	E	Strike Length Exp: 20 m	Metallics: 0.5%PY	<5	0.2	<2	22
	Elevation 1985	m	Sample Width: 1.5	m	True Width: 20 cm	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 118°/46° SW		Bedding		Host : Sandy dolomite		<2	6	3	

Comments: Narrow bed in phyllite, minor disseminated pyrite in phyllite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCB, wQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596972	UTM	N	UTM	E	Strike Length Exp: >20 m	Metallics: trPY	<5	<.2	6	10
	Elevation 1970	m	Sample Width: 4	m	True Width: 4 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 118°/46° SW		Bedding		Host : Limy quartzite		<2	6	6	

Comments: Moderate stockwork veining. Silica associated with veins, not widespread. Trace disseminated pyrite.

Sample Number:	Grid North:	N	Grid East:	E	Type: Grab	Alteration: wCY, wQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596973	UTM	N	UTM	E	Strike Length Exp: >50 m	Metallics: 0.25%PY	<5	<.2	6	8
	Elevation 1980	m	Sample Width: 10	m	True Width: 10 m	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation 140°/46° SW		Bedding		Host : Quartzite		<2	<1	3	

Comments: Scattered pyrite, weak quartz stockwork in quartzite.

Rock Sample Descriptions

Project Name: Lin **Project:** RMC98-06 **NTS:** 105H/15, 105I/2

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wMS, wQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596974	UTM	N	UTM	E	Strike Length Exp:	Metallics: 0.25%PY	10	<.2	4	12
	Elevation 1940	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartzite/ grit		<2	2	3	

Comments: Gossanous quartzite - near fault? Possible sphlalerite or specular hematite, hematite. Forgot to flag in field.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: wCY, wQZ, wSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
596975	UTM	N	UTM	E	Strike Length Exp:	Metallics:	<5	<.2	6	2
	Elevation 1885	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: wGE	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit		<2	<1	2	

Comments: Boxwork common, generally rock is strongly weathered-subcrop of grit unit.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCY, sMS,	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709634	UTM	N	UTM	E	Strike Length Exp:	Metallics: trpY,	<5	<.2	26	8
	Elevation 1765	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: mJA	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit		<2	10	10	

Comments: P

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sMS,	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709635	UTM	N	UTM	E	Strike Length Exp:	Metallics: trPY	<5	<.2	18	4
	Elevation 1765	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: mGE, mJA	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit		<2	11	5	

Comments: Taken 50m NW of 709634

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: sCB,	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709636	UTM	N	UTM	E	Strike Length Exp:	Metallics: 2-3%PY	<5	<.2	84	48
	Elevation 1780	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: mGE, mJA	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Phyllite		<2	41	34	

Comments: Banded pyrite stringers along bedding plane plus disseminations. Taken about 100m along slop of NW of 635.

Sample Number:	Grid North:	N	Grid East:	E	Type: Float	Alteration: mMS, sSI	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709637	UTM	N	UTM	E	Strike Length Exp:	Metallics: tr->1%PY	20	<.2	32	<2
	Elevation 1775	m	Sample Width: 0	cm	True Width: 0 cm	Secondaries: m-sGE, m-sJA	Sb (ppm)	Cu (ppm)	Co (ppm)	
Lin	Orientation				Host : Quartz grit		<2	1	4	

Comments: Taken in talus below phyllite - quartz grit contact in cliffs above.

Rock Sample Descriptions

Project Name: Lin **Project:** RMC98-06 **NTS:** 105H/15, 105I/2

Sample Number	Grid North		Grid East		Type	Alteration	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709638	UTM	N	UTM	E	Float	mMS, sSI	5	<.2	4	14
Lin	Elevation 1715	m	Sample Width:	cm	Strike Length Exp:	Metallics:	Sb (ppm)	Cu (ppm)	Co (ppm)	
	Orientation				True Width: 0 cm	Secondaries: sGE, sJA	<2	5	3	
Comments:	Taken near NW end of ridge.				Host : Quartz grit					

Sample Number	Grid North		Grid East		Type	Alteration	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709639	UTM	N	UTM	E	Float	sCL, mMS, sSI	5	<.2	244	14
Lin	Elevation 1710	m	Sample Width: 0	cm	Strike Length Exp:	Metallics:	Sb (ppm)	Cu (ppm)	Co (ppm)	
	Orientation				True Width: 0 cm	Secondaries: mGE, mJA	<2	7	9	
Comments:	Mixed talus over 3m from cliffs above, near NW end of ridge.				Host : Quartz grit					

Sample Number	Grid North		Grid East		Type	Alteration	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709640	UTM	N	UTM	E	Float	mCY, sSI	<5	<.2	26	10
Lin	Elevation 1710	m	Sample Width:	cm	Strike Length Exp:	Metallics:	Sb (ppm)	Cu (ppm)	Co (ppm)	
	Orientation				True Width: 0 cm	Secondaries: mGE, mJA	<2	5	12	
Comments:	Taken 20m NW of 639				Host : Quartz grit					

Sample Number	Grid North		Grid East		Type	Alteration	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709641	UTM	N	UTM	E	Float	mMS, sSI	<5	<.2	<2	20
Lin	Elevation 1700	m	Sample Width: 0	cm	Strike Length Exp:	Metallics: 0.1-1%PY	Sb (ppm)	Cu (ppm)	Co (ppm)	
	Orientation				True Width: 0 cm	Secondaries: wJA	<2	8	6	
Comments:	Quartz grit with quartz stock work, disseminated pyrite throughout.				Host : Quartz grit					

Sample Number	Grid North		Grid East		Type	Alteration	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
709642	UTM	N	UTM	E	Float	mMS, sQZ	<5	<.2	20	16
Lin	Elevation 1690	m	Sample Width: 0	cm	Strike Length Exp:	Metallics:	Sb (ppm)	Cu (ppm)	Co (ppm)	
	Orientation				True Width: 0 cm	Secondaries: mGE, mJA, mMN	<2	4	6	
Comments:					Host : Phyllite					

APPENDIX E

CERTIFICATES OF ANALYSIS AND STATISTICAL TABLES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: EQUITY ENGINEERING LTD.

207 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9827727

Comments: ATTN: MURRAY JONES

CERTIFICATE A9827727

(EIA) - EQUITY ENGINEERING LTD.

Project: RMC 98-07
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 15-AUG-98.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	23	Geochem ring to approx 150 mesh
226	23	0-3 Kg crush and split
3202	23	Rock - save entire reject
229	23	ICP - AQ Digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	23	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	23	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
2119	23	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	23	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	23	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	23	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	23	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	23	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	23	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
2126	23	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	23	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	23	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	23	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	23	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	23	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	23	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	23	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	23	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	23	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	23	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	23	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
2138	23	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	23	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	23	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	23	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	23	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	23	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	23	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
2145	23	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	23	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	23	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	23	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	23	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

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Page Number : 1-A
Total Pages : 1
Certificate Date: 15-AUG-98
Invoice No. : I9827727
P.O. Number :
Account : EIA

CERTIFICATE OF ANALYSIS A9827727

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
596837	205	226	5	< 0.2	0.68	636	10	< 0.5	< 2	0.02	< 0.5	4	196	5	1.45	< 10	< 1	0.10	10	0.10	140
596838	205	226	< 5	< 0.2	0.54	160	30	< 0.5	< 2	0.05	< 0.5	3	143	1	1.19	< 10	< 1	0.09	20	0.01	135
596839	205	226	< 5	< 0.2	0.50	10	60	< 0.5	< 2	2.07	< 0.5	4	107	1	1.16	< 10	< 1	0.13	10	0.21	240
596840	205	226	< 5	< 0.2	1.15	< 2	50	< 0.5	< 2	0.32	< 0.5	5	118	4	1.41	< 10	< 1	0.20	20	0.29	155
596841	205	226	< 5	< 0.2	1.18	< 2	30	< 0.5	< 2	0.74	< 0.5	4	176	< 1	1.71	< 10	< 1	0.16	10	0.26	325
596842	205	226	20	< 0.2	0.58	78	50	< 0.5	< 2	0.02	< 0.5	1	138	2	1.09	< 10	< 1	0.23	10	0.03	15
596968	205	226	20	< 0.2	0.51	444	10	< 0.5	< 2	0.05	< 0.5	5	217	7	1.31	< 10	< 1	0.07	10	0.08	405
596969	205	226	< 5	< 0.2	0.54	4	10	< 0.5	< 2	0.37	< 0.5	3	226	1	1.17	< 10	< 1	0.07	< 10	0.12	190
596970	205	226	< 5	< 0.2	0.50	10	50	< 0.5	< 2	0.01	< 0.5	3	171	1	1.15	< 10	< 1	0.27	10	0.01	20
596971	205	226	< 5	0.2	0.27	< 2	< 10	< 0.5	< 2	14.15	< 0.5	3	13	6	1.07	< 10	< 1	0.04	10	0.19	450
596972	205	226	< 5	< 0.2	0.69	6	10	< 0.5	< 2	1.26	< 0.5	6	170	6	1.29	< 10	< 1	0.08	10	0.15	300
596973	205	226	< 5	< 0.2	0.54	6	40	< 0.5	< 2	0.67	< 0.5	3	129	< 1	1.07	< 10	< 1	0.10	10	0.13	175
596974	205	226	10	< 0.2	0.19	4	10	< 0.5	< 2	4.82	< 0.5	3	120	2	0.69	< 10	< 1	0.07	< 10	0.05	455
596975	205	226	< 5	< 0.2	0.43	6	10	< 0.5	< 2	0.03	< 0.5	2	204	< 1	1.15	< 10	< 1	0.10	10	0.01	105
709634	205	226	< 5	< 0.2	0.91	26	60	< 0.5	< 2	0.03	< 0.5	10	76	10	1.57	< 10	< 1	0.26	20	0.03	160
709635	205	226	< 5	< 0.2	0.51	18	30	< 0.5	< 2	3.30	< 0.5	5	102	11	1.95	< 10	< 1	0.14	10	0.06	315
709636	205	226	< 5	< 0.2	0.49	84	50	< 0.5	2	3.45	< 0.5	34	47	41	4.74	< 10	< 1	0.26	< 10	0.34	260
709637	205	226	20	< 0.2	0.44	32	30	< 0.5	< 2	0.05	< 0.5	4	162	1	1.21	< 10	< 1	0.14	20	0.01	175
709638	205	226	5	< 0.2	0.32	4	10	< 0.5	< 2	0.01	< 0.5	3	232	5	2.15	< 10	< 1	0.10	10	< 0.01	90
709639	205	226	5	< 0.2	0.66	244	30	< 0.5	< 2	0.05	< 0.5	9	231	7	1.42	< 10	< 1	0.14	20	0.03	335
709640	205	226	< 5	< 0.2	0.36	26	30	< 0.5	< 2	0.03	< 0.5	12	243	5	1.65	< 10	< 1	0.09	10	0.01	760
709641	205	226	< 5	< 0.2	0.50	< 2	10	< 0.5	< 2	3.79	< 0.5	6	123	8	1.31	< 10	< 1	0.08	< 10	0.23	1045
709642	205	226	< 5	< 0.2	1.37	20	< 10	< 0.5	< 2	2.46	< 0.5	6	230	4	2.92	< 10	< 1	0.05	< 10	0.58	620

CERTIFICATION: Hank Biddle

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CERTIFICATE OF ANALYSIS A9827727

SAMPLE	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
596837	205	226	4	< 0.01	10	120	4	< 2	< 1	5	< 0.01	< 10	< 10	4	< 10	16
596838	205	226	< 1	< 0.01	5	110	18	< 2	< 1	3	< 0.01	< 10	< 10	2	< 10	16
596839	205	226	3	0.05	8	80	22	< 2	1	65	< 0.01	< 10	< 10	4	< 10	22
596840	205	226	1	< 0.01	10	90	10	< 2	< 1	5	< 0.01	< 10	< 10	6	< 10	16
596841	205	226	4	< 0.01	9	310	< 2	< 2	< 1	20	< 0.01	< 10	< 10	7	< 10	20
596842	205	226	< 1	< 0.01	4	100	8	< 2	< 1	3	< 0.01	< 10	< 10	4	< 10	6
596968	205	226	1	< 0.01	11	110	6	< 2	< 1	4	< 0.01	< 10	< 10	4	< 10	14
596969	205	226	5	0.01	7	50	< 2	< 2	< 1	9	< 0.01	< 10	< 10	4	< 10	10
596970	205	226	< 1	< 0.01	6	190	2	< 2	< 1	14	< 0.01	< 10	< 10	2	< 10	6
596971	205	226	< 1	0.01	6	100	22	< 2	1	1050	< 0.01	< 10	< 10	2	< 10	20
596972	205	226	1	0.02	12	90	10	< 2	1	37	< 0.01	< 10	< 10	5	< 10	14
596973	205	226	3	0.06	7	70	8	< 2	1	24	< 0.01	< 10	< 10	6	< 10	22
596974	205	226	1	0.02	7	110	12	< 2	< 1	163	< 0.01	< 10	< 10	1	< 10	52
596975	205	226	4	< 0.01	6	140	2	< 2	< 1	4	< 0.01	< 10	< 10	4	< 10	8
709634	205	226	< 1	< 0.01	23	210	8	< 2	1	21	< 0.01	< 10	< 10	4	< 10	44
709635	205	226	3	0.02	13	70	4	< 2	1	42	< 0.01	< 10	< 10	3	< 10	16
709636	205	226	2	< 0.01	56	140	48	< 2	1	110	< 0.01	< 10	< 10	3	< 10	78
709637	205	226	1	< 0.01	11	80	< 2	< 2	< 1	4	< 0.01	< 10	< 10	4	< 10	10
709638	205	226	5	< 0.01	6	100	14	< 2	< 1	3	< 0.01	< 10	< 10	3	< 10	10
709639	205	226	1	< 0.01	14	130	14	< 2	< 1	6	< 0.01	< 10	< 10	4	< 10	16
709640	205	226	1	< 0.01	19	130	10	< 2	1	4	< 0.01	< 10	< 10	4	< 10	10
709641	205	226	4	0.02	12	180	20	< 2	1	149	< 0.01	< 10	< 10	4	< 10	64
709642	205	226	3	0.01	16	130	16	< 2	1	121	< 0.01	< 10	< 10	9	< 10	68

CERTIFICATION: Hank Biddle

Statistics	- Percentile Rank																															
Units																																
Percentile	Au pp	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Tl	Tl	U	V	W	Zn
Population	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
98th	70	0.2	1.23	498	68	-0.5	0.68	14.35	0.5	18	235	37	3.83	-10	1	0.26	23	0.66	905	5	0.05	32	3362	44	6	1	877	-0.01	-10	4.4	10	-10	135
95th	20	-0.1	1.16	305	60	-0.5	-2	13.23	-0.3	12	232	35	3.21	-10	-0.6	0.26	20	0.53	778	4	0.03	21	516	26	3	1	425	-0.01	-10	-10	7	-10	86
90th	14	-0.2	1.06	204	50	-0.5	-2	4.20	-0.5	9	230	24	2.47	-10	-1	0.21	20	0.33	614	4	0.02	19	296	22	0	1	218	-0.01	-10	-10	7	-10	66
85th	8	-0.2	0.95	130	50	-0.5	-2	3.58	-0.5	8	224	11	2.07	-10	-1	0.18	16	0.28	549	4	0.02	16	246	19	-2	1	138	-0.01	-10	-10	6	-10	50
80th	5	-0.2	0.78	74	48	-0.5	-2	3.31	-0.5	6	219	10	1.93	-10	-1	0.14	10	0.24	454	3	0.01	14	168	16	-2	1	101	-0.01	-10	-10	5	-10	44
70th	-5	-0.2	0.60	26	30	-0.5	-2	2.28	-0.5	5	199	7	1.64	-10	-1	0.13	10	0.22	383	1	-0.01	12	152	14	-2	1	57	-0.01	-10	-10	4	-10	30
60th	-5	-0.2	0.53	19	30	-0.5	-2	1.15	-0.5	5	174	6	1.50	-10	-1	0.10	10	0.19	323	1	-0.01	11	140	12	-2	-1	29	-0.01	-10	-10	4	-10	21
50th	-5	-0.2	0.50	10	30	-0.5	-2	0.54	-0.5	4	162	5	1.37	-10	-1	0.09	10	0.14	260	1	-0.01	10	130	10	-2	-1	20	-0.01	-10	-10	4	-10	16
40th	-5	-0.2	0.47	6	10	-0.5	-2	0.11	-0.5	3	133	5	1.31	-10	-1	0.08	10	0.09	206	-1	-0.01	7	110	7	-2	-1	8	-0.01	-10	-10	3	-10	16
30th	-5	-0.2	0.43	4	10	-0.5	-2	0.05	-0.5	3	116	4	1.21	-10	-1	0.07	-10	0.05	159	-1	-0.01	7	100	6	-2	-1	5	-0.01	-10	-10	3	-10	14

Correlation Coefficients																																
	Au pp	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Tl	Tl	U	V	W	Zn
Au ppb		-0.07	-0.17	0.10	-0.10	######	-0.05	-0.14	-0.01	-0.16	0.16	-0.07	-0.06	######	-0.07	0.00	0.12	-0.24	-0.22	-0.14	-0.13	-0.14	-0.05	-0.17	0.58	-0.19	-0.11	0.00	######	-0.05	-0.09	######	-0.12
Ag	-0.07																															
Al	-0.17	0.04																														
As	0.10	-0.10	0.01																													
Ba	-0.10	-0.15	0.27	-0.08																												
Be	######	######	######	######	######																											
Bi	-0.05	-0.04	-0.05	0.02	0.19	######																										
Ca	-0.14	0.31	-0.39	-0.22	-0.43	######	0.05																									
Cd	-0.01	0.47	0.14	0.15	0.06	######	-0.04	-0.12																								
Co	-0.16	-0.06	0.11	0.05	0.31	######	0.87	-0.04	0.00																							
Cr	0.16	-0.12	0.15	0.25	-0.06	######	-0.26	-0.64	0.11	-0.19																						
Cu	-0.07	0.29	0.29	0.06	0.20	######	0.54	0.01	0.48	0.64	-0.28																					
Fe	-0.06	-0.03	0.44	-0.02	0.29	######	0.65	-0.19	0.05	0.73	-0.11	0.75																				
Ga	######	######	######	######	######	######	######	######	######	######	######	######	######																			
Hg	-0.07	-0.06	-0.25	-0.11	-0.15	######	-0.04	0.38	-0.06	-0.11	-0.12	-0.10	-0.12	######																		
K	0.00	-0.07	0.36	-0.03	0.66	######	0.38	-0.36	-0.01	0.36	-0.16	0.24	0.33	######	-0.12																	
La	0.12	0.10	0.31	0.18	0.52	######	-0.21	-0.43	0.10	-0.16	0.11	-0.08	-0.03	######	-0.30	0.48																
Mg	-0.24	0.12	0.61	-0.15	-0.03	######	0.16	0.15	0.15	0.27	-0.29	0.61	0.59	######	-0.07	-0.07	-0.26															
Mn	-0.22	0.03	0.08	-0.03	-0.15	######	-0.04	0.15	0.11	0.29	-0.03	0.23	0.19	######	-0.02	-0.36	-0.39	0.40														
Mo	-0.14	-0.21	0.13	0.12	-0.13	######	0.10	-0.21	-0.21	0.05	0.30	-0.24	0.06	######	-0.21	0.03	-0.04	-0.10	0.08													
Na	-0.13	0.15	0.05	-0.24	0.08	######	-0.09	0.06	0.01	-0.13	-0.17	-0.09	-0.10	######	-0.13	-0.05	0.03	0.10	0.08	0.37												
Ni	-0.14	0.06	0.19	0.06	0.34	######	0.83	-0.14	0.17	0.95	-0.07	0.65	0.71	######	-0.18	0.37	-0.11	0.24	0.25	0.06	-0.10											
P	-0.05	-0.03	0.27	-0.08	0.04	######	-0.03	0.09	-0.03	0.19	-0.17	0.45	0.32	######	0.03	-0.07	-0.22	0.63	0.38	-0.17	-0.11	0.08										
Pb	-0.17	0.02	0.07	-0.02	0.22	######	0.58	0.24	0.02	0.69	-0.46	0.62	0.63	######	-0.03	0.10	-0.19	0.63	0.45	-0.10	0.07	0.86	0.48									
Sb	0.58	-0.08	-0.37	-0.11	-0.31	######	-0.05	0.48	-0.08	-0.18	-0.26	-0.09	-0.21	######	0.16	-0.26	-0.23	-0.10	-0.21	-0.29	-0.18	-0.23	-0.04	-0.13								
Sc	-0.19	0.35	0.25	-0.24	0.10	######	0.24	0.13	0.09	0.43	-0.22	0.36	0.32	######	-0.17	0.13	-0.04	0.34	0.40	0.18	0.56	0.47	0.23	0.43	-0.23							
Sr	-0.11	0.48	-0.30	-0.18	-0.40	######	0.01	0.91	-0.09	-0.06	-0.60	0.04	-0.18	######	0.11	-0.33	-0.27	0.20	0.14	-0.22	0.05	-0.14	0.16	0.27	0.37	0.21						
Tl	0.00	0.00	0.00	0.00	0.00	######	0.00	0.00	0.00	0.00	0.00	0.00	0.00	######	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Tl	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######					
U	-0.05	-0.04	-0.29	-0.08	-0.26	######	-0.03	0.56	-0.04	-0.14	-0.36	-0.07	-0.29	######	-0.04	-0.25	-0.21	0.02	-0.19	-0.15	-0.09	-0.19	-0.03	-0.08	0.62	-0.12	0.55	0.00	######			
V	-0.09	0.06	0.86	-0.05	0.23	######	-0.07	-0.39	0.11	0.13	0.24	0.35	0.49	######	-0.26	0.17	0.21	0.68	0.23	0.20	0.18	0.19	0.52	0.17	-0.38	0.38	-0.27	0.00	######	-0.36		
W	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	######	
Zn	-0.12	0.49	0.34	0.02	0.11	######	0.23	-0.08	0.82	0.30	-0.02	0.70	0.39	######	-0.15	0.09	-0.07	0.45	0.31	-0.12	0.14	0.48	0.09	0.30	-0.20	0.37	-0.06	0.00	######	-0.13	0.32	######	1.00

APPENDIX F

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Murray I. Jones of 8606 144A St., Surrey, in the Province of British Columbia, DO HEREBY CERTIFY:

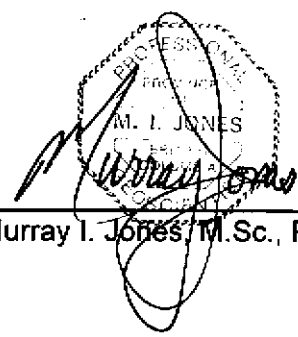
1. THAT I am a Consulting Geologist with offices at Suite 207, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Honours degree in Geology (1982) and the University of Ottawa with a Master's of Science degree in Geology (1992).

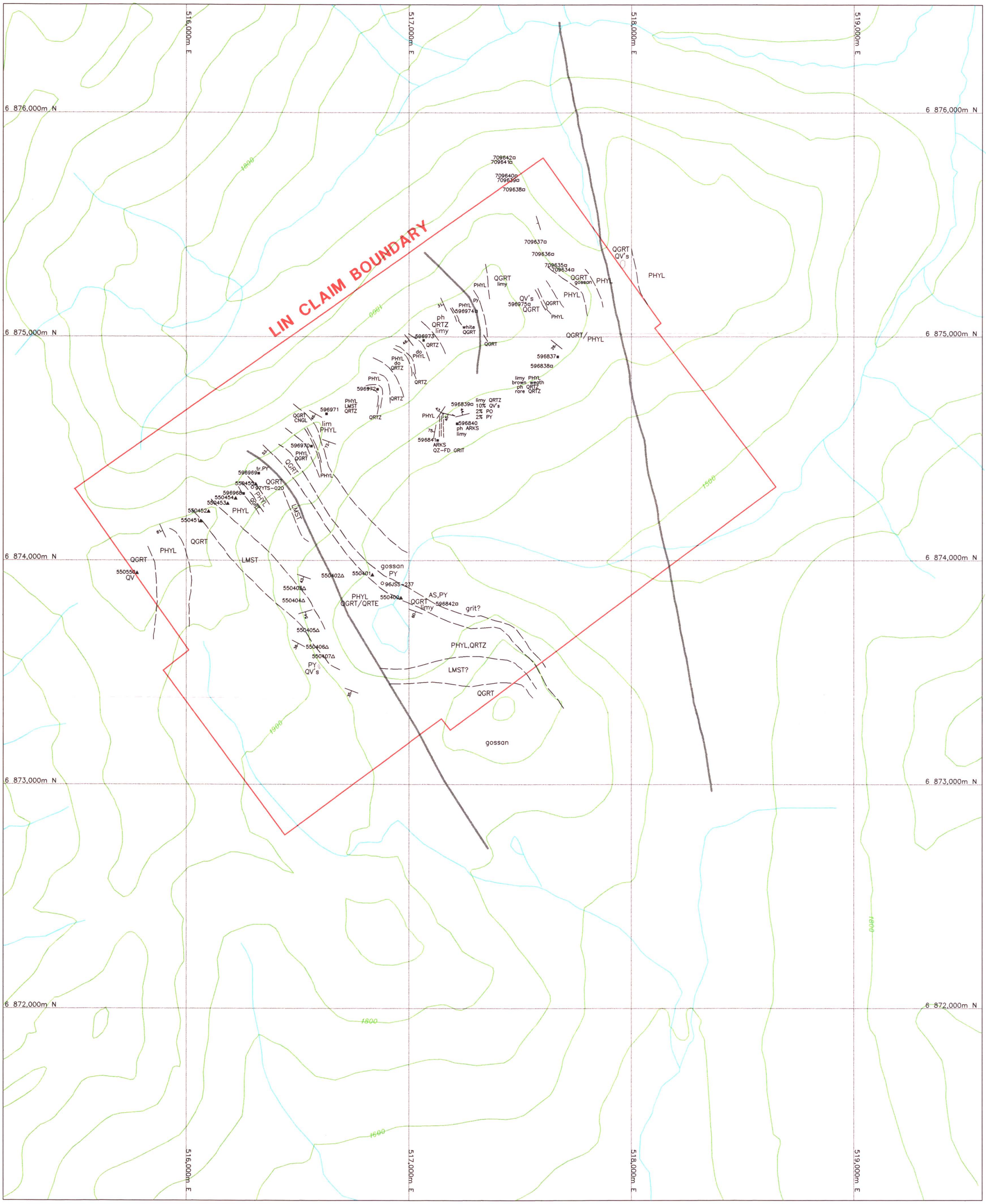
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (No. 20063).

4. THAT this report is based on property work I conducted and/or supervised August 2, 1998, as well as government publications and assessment reports filed with the Yukon Territory.

DATED at Vancouver, British Columbia, this 29th day of March, 1999.



Murray I. Jones, M.Sc., P.Geo.



UTM GRID NORTH
UTM ZONE 9 (NAD27)
GRID NORTH 0°13' EAST OF TRUE NORTH
(for centre of NTS sheet 105H/15 in 1985)
MAGNETIC DECLINATION=28°48'E (1998)

GEOLOGICAL LEGEND

QRTZ	quartzite
QGRT	quartz grit
qp CNGL	quartz pebble conglomerate
ph QRTZ	phyllitic quartzite
ARGL	argillite
PHYL	phyllite
do PHYL	dolomitic phyllite
sh PHYL	shaley phyllite
SLTS	siltstone
ser PHYL	seritic phyllite
LMST	limestone
GRIT	grit

ALTERATION

w	weak
m	moderate
s	strong

ABBREVIATIONS

PY	pyrite
AS	arsenopyrite
GL	galena
SC	scorodite
MS	sericite
CY	clay
SI	silica
CL	chlorite
JA	jarosite
GE	goethite
QV	quartz veins
goss	gossan
bx	breccia

SYMBOLS

- Claim boundary
- ■SAMPLE — 1998 Rock sample – bedrock, float
- ▲ΔSAMPLE — Pre–1998 Rock sample – bedrock, float
- ○SAMPLE — Soil sample
- 46 / 38 — Bedding: upright, overturned
- 36 / 68 / 25 — Foliation with dip; S_1, S_2, S_3
- 53 — L_1 Lineation with plunge
- Fold axis: M–,S–,Z–fold or minor fold hinge
- 63 F2 — Fold axial plane
- Fault
- Fault with sense of offset
- Geological contact (known, assumed)
- Outcrop

093982

scale: 1:10,000
0 100 200 400
metres

RIMFIRE MINERALS CORPORATION

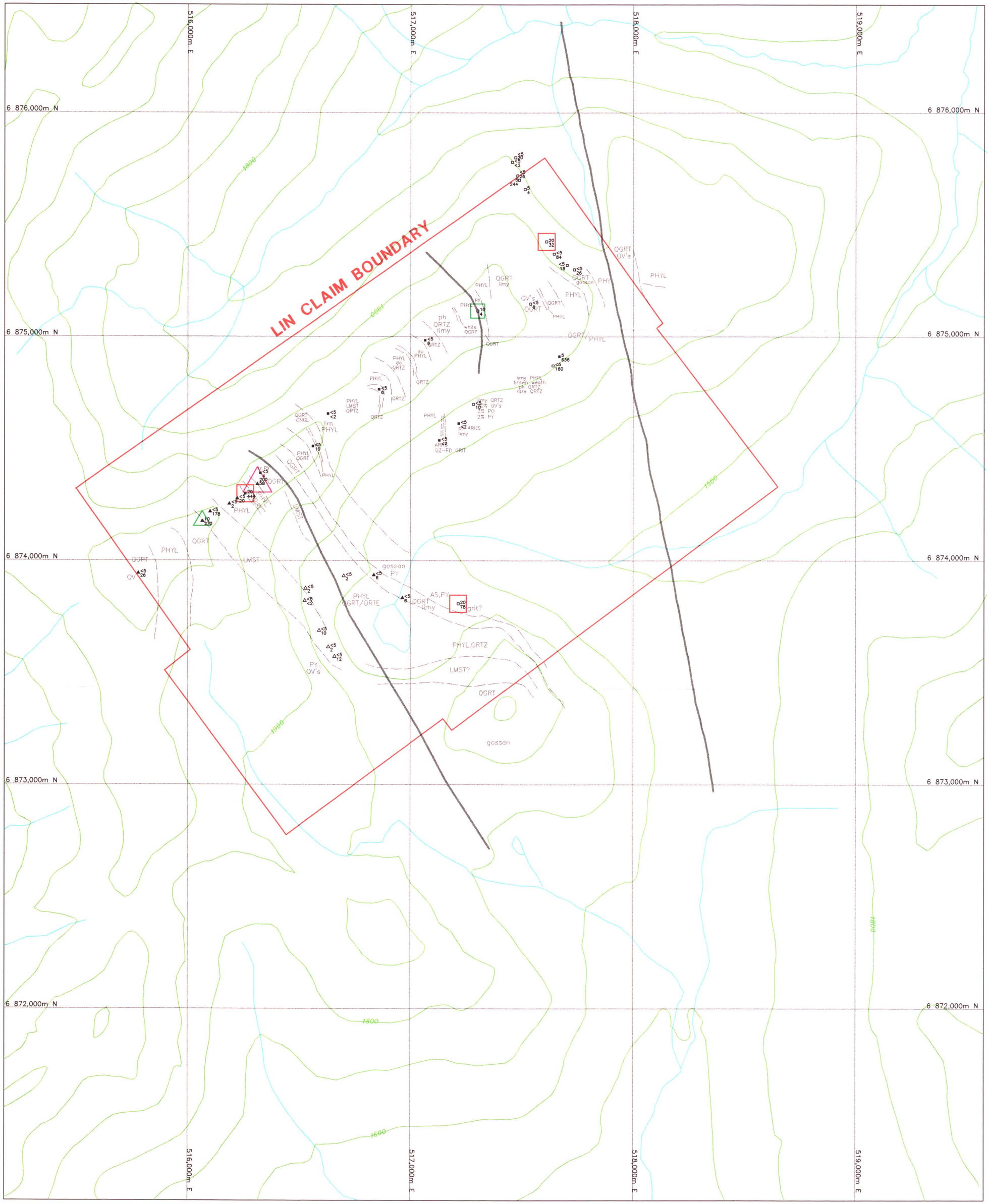
HYLAND PROJECT

LIN PROPERTY

Geology and Rock Sample Locations

Date: March 1999	Scale: 1:10,000	Figure: 4
U.T.M. Zone: ZONE 9 (NAD27)	Mining District: Watson Lake	
N.T.S.: 105H/15,1/2	State/Province: Yukon	

8FERGEO



UTM GRID NORTH
UTM ZONE 9 (NAD27)
GRID NORTH 0°13' EAST OF TRUE NORTH
(for centre of NTS sheet 105H/15 in 1985)
MAGNETIC DECLINATION=28°48'E (1998)

See figure 4 for geological legend

Symbols

- ■ Au(ppb) / As(ppm) — 1998 sample: float, bedrock
- ▲ Au(ppb) / As(ppm) — Pre-1998 sample: float, bedrock

Class ranges for Au in rock samples:

1998	pre-1998	
□	△	No bubble: <8 ppb Au (<85th percentile)
		8 to <20 ppb Au (85th to 95th percentile)
		20 to <70 ppb Au (95th to 100th percentile)
		>70 ppb Au (98th to 100th percentile)

093982

scale: 1:10,000
0 100 200 400
metres

DWG 3

DIAND - YUKON REGION, LANDS DIV.

RIMFIRE MINERALS CORPORATION

HYLAND PROJECT

LIN PROPERTY
Rock Geochemistry
Gold and Arsenic

EQUITY	Date: March 1999	Scale: 1:10,000	Figure: 5
LinGEO	U.T.M. Zone: ZONE 9 (NAD27)	Mining District: Watson Lake	
	N.T.S.: 105H/15,1/2	State/Province: Yukon	