

RECEIVED

NOV 05 1996

**Gold Commissioner's Office
VANCOUVER, B.C.**

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS**

DATE RECEIVED

NOV 13 1996

PROSPECTING AND GEOPHYSICAL REPORT

on the

LASSO CLAIM

NELSE CREEK, WESTBRIDGE AREA

GREENWOOD MINING DIVISION, BRITISH COLUMBIA

49° 17' North latitude
118° 52' 30" West longitude
N.T.S. 82E/06

**OWNERS: ST. ELIAS MINES LTD.
604 - 700 WEST PENDER ST.
VANCOUVER, B.C. V6C 1G8**

**MADMAN MINING CO. LTD.
548 BEATTY ST.
VANCOUVER, B.C. V6B 2L3**

**OPERATOR: ST. ELIAS MINES LTD.
604 - 700 WEST PENDER ST.
VANCOUVER, B.C. V6C 1G8**

REPORT BY: LEONARD GAL M.Sc. P. Geo.

DATE: November 5, 1996

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

24,642

TABLE OF CONTENTS

	Page
Summary and Conclusions	1
Introduction	1
Claim Information and Property Ownership	1
Location and Access	1
Physiography	4
History of Previous Work	4
Regional Geology	4
Property Geology.....	6
VLF - EM Survey	6
Selected Bibliography	10
Statement of Qualifications	11
Statement of Expenditures.....	12
APPENDICES	
I. Rock Sample Descriptions	13
II. Geochemical Rock Sample Assay Results	14
III. VLF-EM Raw Data	16

LIST OF FIGURES

1. Property Location Map	4
2. Claim Map	3.
3. Regional Geology Map	5
4. Adit No.1 Plan	7
5. Adit No.2 Plan	8
6. VLF - EM Profiles	9

SUMMARY AND CONCLUSIONS

The Lasso claim covers old Crown Granted claims known as the Enterprise, Teresa Fr. and Richelieu. North to northeast trending quartz veins are present on the old Enterprise claim, and have been developed by three adits. The veins are hosted by Jurassic Nelson granodiorite, near the contacts with feldspar porphyry dykes (?). The veins pinch and swell, dip southeast, and are locally cut off by the feldspar porphyries on sheared contacts. Two of the adits (No. 1 and No. 2) show evidence of limited production from stopes, and sulphide minerals including pyrite, galena and chalcopyrite were observed. Gold and silver assays from past work, up to 0.40 oz/ton Au over 90cm and 0.148 oz/ton Au over 1.76m collected in 1983, have been substantiated. Results from the current program include 1.592 oz/ton Au over 30cm (LSR01-L), 1.05 oz/ton Au over 20cm (LSR02-G), and 0.786 oz/ton Au over 30cm (LSR06-G). A limited VLF-EM survey was carried out over the vein and shear structures in an attempt to delineate them under the talus cover. Northeast trending EM anomalies are apparent that may be due to the vein structures or the intrusive - porphyry contacts, or both.

INTRODUCTION

A brief prospecting tour, inspection and sampling of old workings, and VLF-EM geophysical survey was conducted by White Wolf Explorations Ltd. on behalf of the claim owners from August 10-11, 1996. The aim of the program was confirm high grade gold and silver on the old Enterprise Crown Grant claim, and conduct a limited VLF-EM survey over the area of the veins.

CLAIM INFORMATION AND PROPERTY OWNERSHIP

The Lasso Claim, located on the Greenwood Mining Division, is a 16 unit 4-post mineral claim, staked on November 5, 1995 by Mr. Alex Smith of Langely, B.C. Through a Bill of Sale, the title (100%) was assigned to Madman Mining Co. Ltd.. Subsequently, Madman assigned an 80% interest in the claim to St. Elias Mines Ltd. Claim information is summarized below:

CLAIM NAME	CLAIM TYPE	TENURE NUMBER	NUMBER OF UNITS	ANNIVERSARY DATE *
LASSO	4-post	341963	16	Nov. 5, 1996

LOCATION AND ACCESS

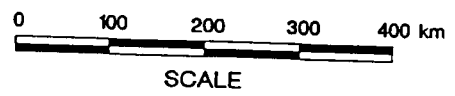
The Lasso claim is located 290km east of Vancouver, and 11km north of Westbridge, B.C. The claim lies on the west side of the West Kettle River, and is bisected by the lower course of Nelse Creek. The property is in the Greenwood Mining Division, and is centered at approximately 49°17'N latitude and 118°52'30''W longitude, covered by NTS Map sheet 82E/6E. The claim is accessed by an old logging road which climbs the ridge north of Nelse Creek about 1.5 km north of the bridge on the road on the west bank of the West Kettle River. A few other tracks and overgrown trails branch off this road. The old trail along Nelse Creek is overgrown.

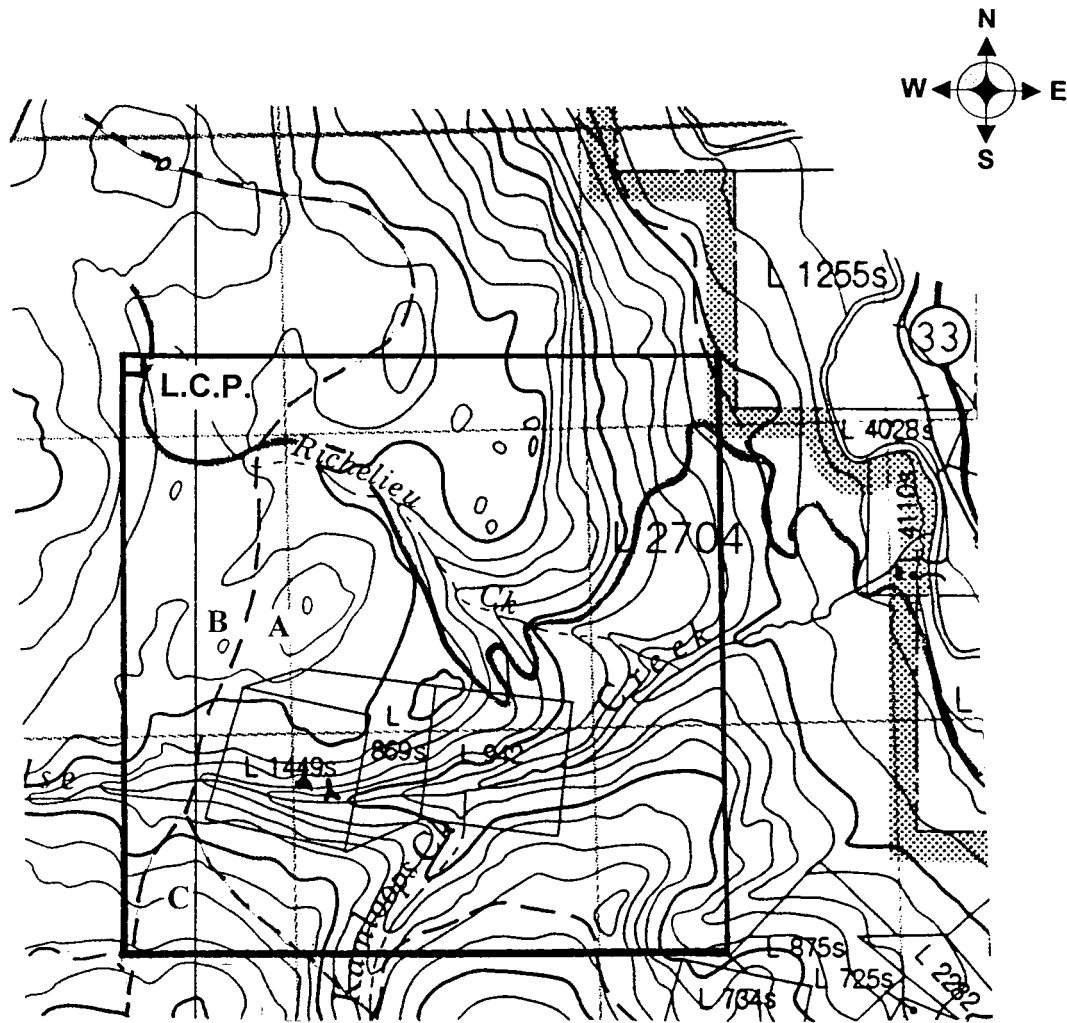


LASSO CLAIM

ST. ELIAS MINES LTD.
LASSO CLAIM
 Greenwood M. D. N.T.S. 82 E/06E

LOCATION MAP



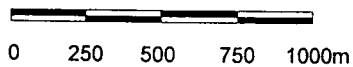


LEGEND

- A - Nelson Plutonics
- B - Eocene Marron Gp. tuffs and epiclastics
- C - Eocene Marron Gp. volcanics
old adits

access road

SCALE



ST. ELIAS MINES LTD.

LASO CLAIM
NELSE CREEK, WESTBRIDGE AREA
GREENWOOD MINING DIVISION, B.C.

CLAIM MAP
FIGURE 2
82 E/06 E SCALE 1:25,000

PHYSIOGRAPHY

The property is situated within the Okanagan Highlands of the Southern Interior Physiographic Region. Elevations range from 750m in the West Kettle River valley at the northeast corner of the claim, to 1170m on the ridge south of Nelse Creek, along the southern claim line. Nelse Creek cuts a steep incised valley into a plateau on the west side of the claim that slopes moderately toward the east and into the West Kettle River valley. The vegetation consists of mature fir, spruce and pine, although logging has taken place in the past. Underbrush is locally heavy, particularly along the creek gullies. The climate features warm and relatively dry summers, and mild winters with considerable snowfall. Water is available on Nelse Creek, and relatively scarce elsewhere on the claim.

HISTORY OF PREVIOUS WORK

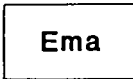
The Lasso claim covers three old crown grants that were located in 1901. These were the Teresa Fr.(L869s), Richelieu (L942) and Enterprise (L1449s). B.C. Minister of Mines Reports for 1901, 1905, 1916 and 1933 reported the existence of three tunnels driven on gold and silver bearing quartz veins. Stopping in the No.2 adit indicates that some ore was shipped, and an old ore hopper still stands adjacent to the cabin at the workings. The B.C. Minister of Mines Annual Report for 1948 mentions a shipment of 10 tons of ore made from the Enterprise claim. The ore was shipped to Trail and yielded 155 g Au, 1.3 kg Ag, 369 kg Pb and 535 kg Zn. More recent work in the area consisted of prospecting traverses, reconnaissance scintillometer readings, and sampling of the workings in 1978 and 1979 (Allen, 1979). A three foot chip sample on the quartz vein at the portal of the most easterly adit (Adit No. 1) yielded 0.95 oz/ton Au and 5.83 oz/ton Ag. A chip sample across 3.5 feet of quartz vein in Adit No. 2, 40' in from the portal yielded 0.38 oz/ton Au, 2.3 oz/ton Ag. In 1980 a geochemical survey was undertaken in the area by Dayton Creek Silver Mines, which outlined an area of anomalous gold (Allen, 1980). In 1983 a program of rock and soil sampling, and a limited Scintrex "Genie" EM survey was undertaken by Mintek Resources (Corvalan and Morton, 1984).

REGIONAL GEOLOGY

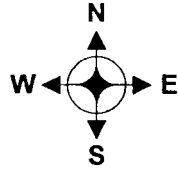
The area is located within the Omineca Crystalline Belt, a NW trending belt dominated by plutonic and high grade metamorphic rocks. Regional geology is presented in Figure 3, simplified from GSC Maps. The area of the Lasso claim is underlain by middle Jurassic Nelson plutonics (the Westkettle batholith). Eocene Marron Group volcanics and sediments overlie the granodiorite along the western margin of the claim.

LEGEND

EOCENE



MARRON GROUP
Undifferentiated andesite, dacite and trachyte of the Marron Group: may include minor epiclastic rocks equivalent to Ewl and Esb.

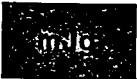


CRETACEOUS AND/OR JURASSIC

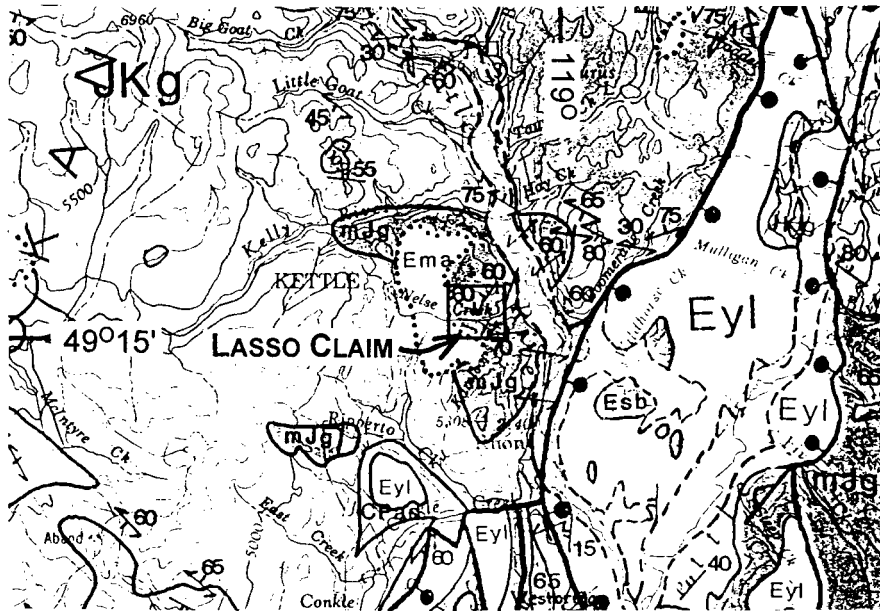


OKANAGAN BATHOLITH: *massive, light grey weathering, medium- to coarse-grained, equigranular to porphyritic, unfoliated to weakly foliated, fresh biotite granodiorite and granite: includes undifferentiated granodiorite of the Nelson suite: age poorly constrained*

MIDDLE JURASSIC



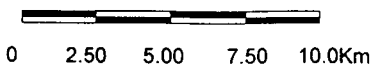
NELSON PLUTONIC ROCKS: *massive, generally moderately foliated, medium grey weathering, medium- to coarse-grained, equigranular, hornblende-biotite granodiorite, quartz diorite and granite: includes undifferentiated biotite granite of the Valhalla suite: age poorly constrained*



GEOLGY AFTER:

Tempelman-Kluit, D.J.
 1989: Geology, Pentiction, British Columbia; Geological Survey of Canada, Map 1736A, scale 1:250 000

SCALE



ST. ELIAS MINES LTD.

LASSO CLAIM
 NELSE CREEK, WESTBRIDGE AREA
 GREENWOOD MINING DIVISION, B.C.

REGIONAL GEOLOGY

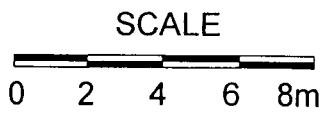
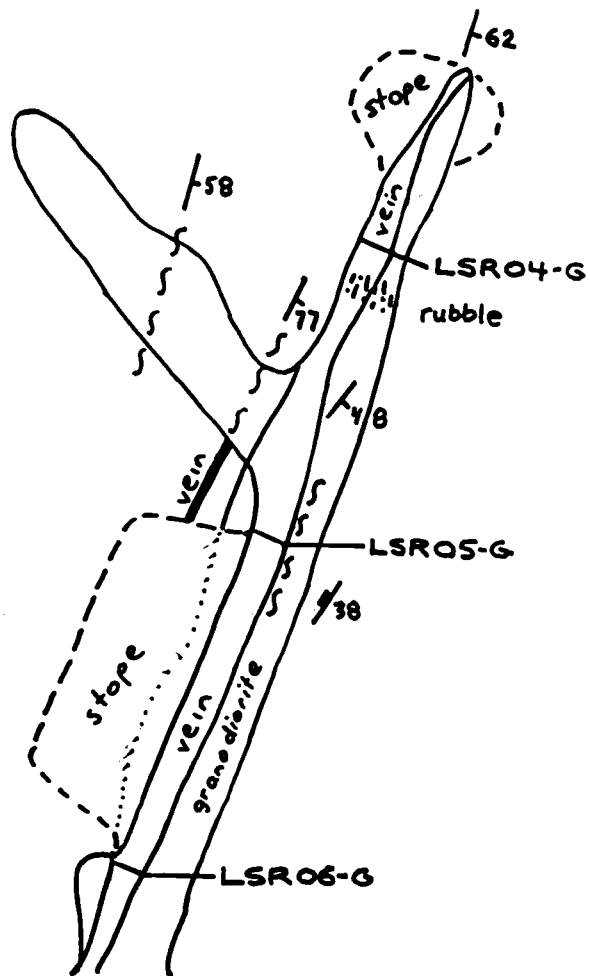
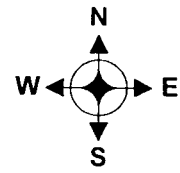
FIGURE 3
 82 E/06 E SCALE 1:250,000

PROPERTY GEOLOGY

Medium grained granodiorite of the Nelson Plutonics outcrops through much of the area. In the vicinity of the adits, feldspar porphyry dykes (?) are interleaved with the granodiorite. The feldspar porphyry was also observed along the road along Richelieu Creek and is likely part of the Valhalla intrusives (Okanagan batholith) which surrounds the Nelson plutonics regionally. On the south facing slope above Nelse Creek, the feldspar porphyry bodies seem to strike northeast, are on the order of 50-100m wide, and alternate with Nelson granodiorite. However, contact relationships are obscured by talus cover. Quartz veins developed by the old adits are parallel to the contacts of these two lithologies, although the feldspar porphyries may offset or terminate the veins locally. Adit plan maps for Adits Nos. 1 and 2 are presented in Figures 4 and 5. In Adit No.1 is located just above Nelse Creek, about 750m upstream from the confluence of Kamloops Creek and Nelse Creek. The vein is up to 2m wide, with a thinner 15cm parallel vein in the footwall, which pinches out into a shear at approximately 13m from the portal. The main vein is stoped from 3-12m from the portal, which follows the vein for 26m. At 12m from the portal, the vein is observed to be offset by a west-northwest dipping fault zone. In Adit No. 2 shearing was observed at the contact of granodiorite and feldspar porphyry. The contact dipped toward the hanging wall of the vein. The main vein pinched out into a shear at 27m from the portal, from a maximum width of about 1.2m. The vein is stoped from approximately 17m to 27m from the portal. A thinner (10-25cm) quartz vein is followed in the hangingwall above the main vein for about 5m. Adit No.3 is located upslope and to the northwest of the other two adits. A 2m wide quartz vein in granodiorite is followed for at least 15m to the northeast, and is eventually cut off by a shear bounded feldspar porphyry. No sulphides were observed in this vein. In Adit #1 and 2, sulphides include pyrite with lesser galena and chalcopyrite. Sulphides occur as disseminations, lenses, stringers, and locally, bands parallel to the vein walls.

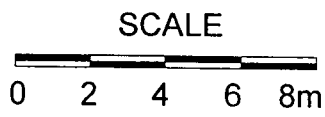
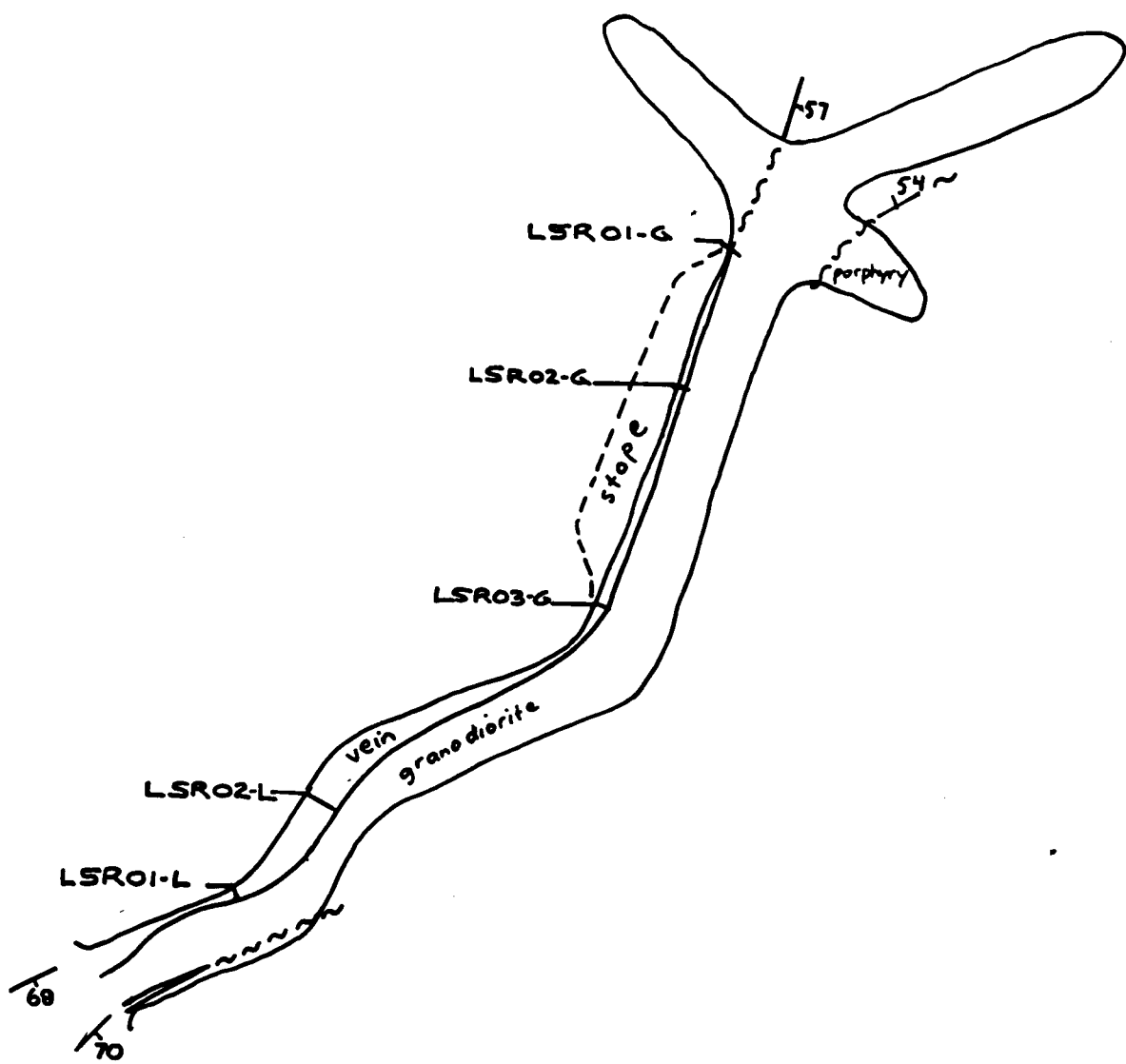
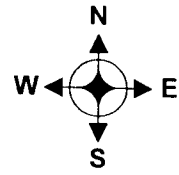
VLF-EM SURVEY

Five lines trending 110 degrees, each 50m apart and 400m long, were chained and flagged over the area of the workings (Figure 6). A Geonics-16 VLF-EM instrument was used to take dip angle readings at 25m intervals. Seattle was used as the transmitting frequency. Fraser filtered profiles are presented in Figure 6. A series of northeast trending anomalies are apparent. One is in the vicinity of Adit No. 2, and may be related to the vein - shear structure. It appears to extend south of Nelse Creek on Line 50S. These northeast trending EM anomalies may be due to vein - shear structures, or the granodiorite - porphyry contacts, or both.



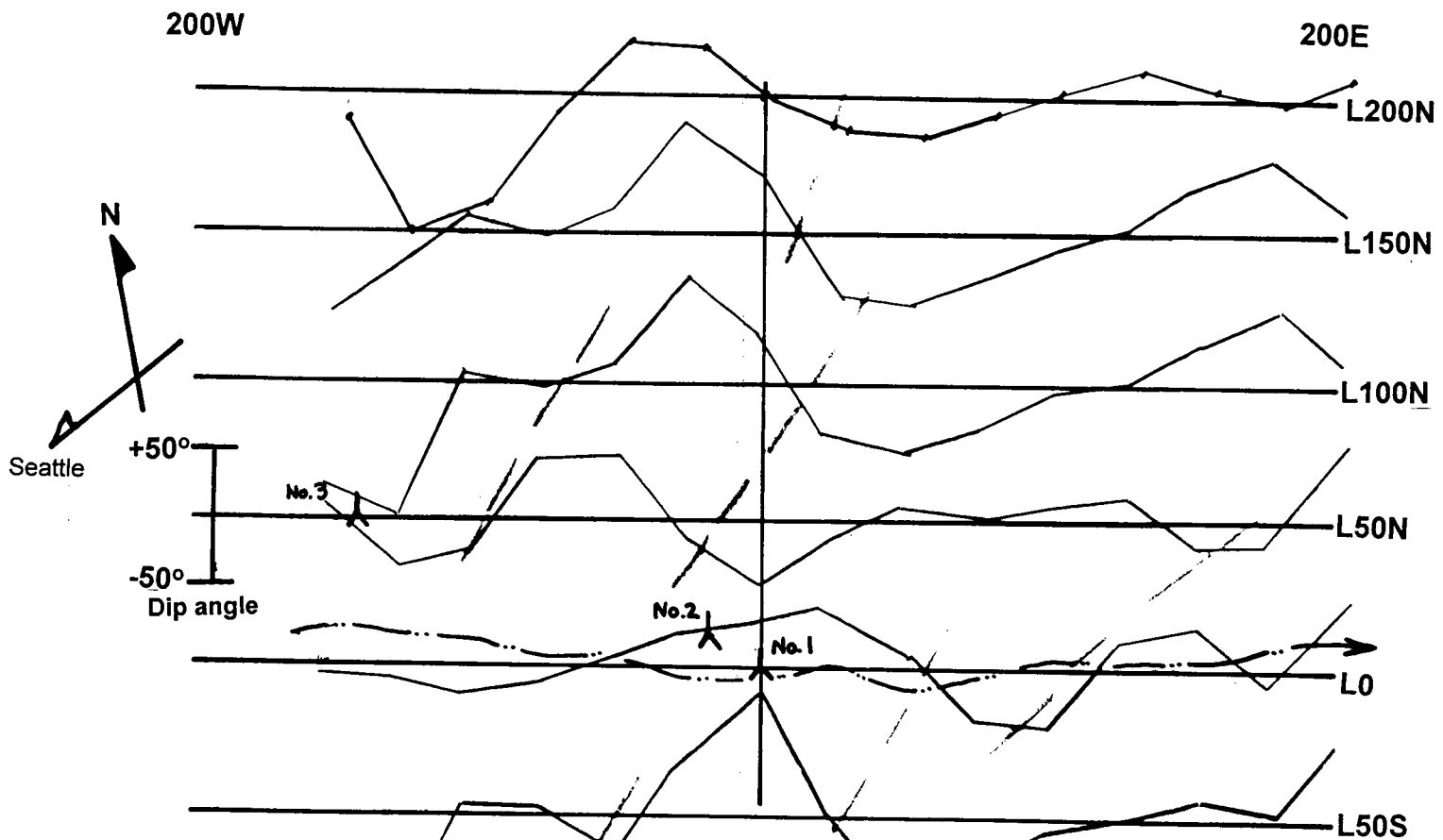
ST. ELIAS MINES LTD.
LASSO CLAIM
NELSE CREEK, WESTBRIDGE AREA
GREENWOOD MINING DIVISION, B.C.
ADIT No. 1 PLAN
82 E/06 E SCALE 1:200

FIGURE 4



ST. ELIAS MINES LTD.
LASSO CLAIM
NELSE CREEK, WESTBRIDGE AREA
GREENWOOD MINING DIVISION, B.C.
ADIT No. 2 PLAN
82 E/06 E SCALE 1:200

FIGURE 5

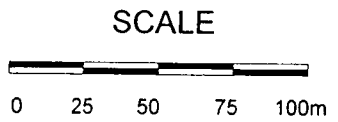


LEGEND

adit

creek

conductor anomaly



ST. ELIAS MINES LTD.

LASSO CLAIM

NELSE CREEK, WESTBRIDGE AREA
GREENWOOD MINING DIVISION, B.C.

FRASER FILTERED VLF-EM DIP ANGLE
PROFILES (STATION SEATTLE)

82 E/06 E SCALE 1:2500 FIGURE 6

SELECTED BIBLIOGRAPHY

- Allen, G.P. (1980) Geological and Geochemical Report on the Richelieu Property of Dayton Creek Silver Mines.
- Allen, G.P. (1979) Sampling Report on the Richelieu, Teresa Fraction, and Enterprise Mineral Claims, Greenwood M.D., B.C. Report for Dayton Creek Silver Mines Ltd. Assessment Report #7478.
- Allen, G.P. (1979) Prospecting report on the Richelieu, Teresa Fraction, and Enterprise Mineral Claims, Greenwood M.D., B.C. Assessment Report #7163
- B.C. Minister of Mines Annual Reports : 1901, 1905, 1916, 1933, 1948
- Corvalan, I.R. and Morton, J.W. (1984) Report on Geochemical and Geophysical Surveys, Top Claims, Greenwood M.D. for Mintek Resources Ltd. Assessment Report #12,066

STATEMENT OF QUALIFICATIONS

I, Leonard Gal, of Kelowna, British Columbia hereby certify that:

- I am a Professional Geoscientist registered in good standing of the Association of Professional Engineers and Geoscientists of British Columbia.
- I am a graduate of the University of British Columbia, with a B.Sc. in Geology (1986).
- I am a graduate of the University of Calgary, with a M.Sc. in Geology (Metamorphic Petrology) (1989).
- I have been engaged in geological work more or less continuously since 1986, in British Columbia, the Northwest Territories, Saskatchewan and the United States.
- The information in this report is based on a review of published reports and a visit to the Lasso claim on August 10 and 11, 1996.
- I grant permission to use this report in a prospectus or other financial offering.

Signed this 5 day of November, 1996.



Leonard Gal M.Sc., P.Geo.

**LASSO CLAIM
COST of WORK PROGRAM**

DESCRIPTION	DATES	RATE	TOTAL
Leonard Gal, M.Sc, P. Geo.	Aug 10 - Aug. 11	2 5days @ \$375.00	\$937.50
Gerard Gallissant, B.Sc. (Geography)	Aug 10 - Aug. 11	2 5days @ 275.00	\$687.50
Crew board (food)	5 man/days	@ \$52.00 m/d	\$260.00
Vehicle rentals 1 ton 4x4 crewcabs	2.5 days	@ \$75.00/d	\$187.50
Ford Bronco II 4x4	1 day	@ \$60.00/d	\$60.00
VLF-EM rental	Geonics EM-16	2.5 days @ \$750/mo. pro rata	\$62.50
ATC rental	Honda 250cc	2.5 days @ \$50.00/d	\$125.00
Survey supplies, fuel & oils (consumable)	Flagging, Topofil, sample bags,		\$156.00
Analytical analysis (Bondar Clegg Inchape) North Vancouver	10 rock samples	@ \$25/sample	\$250.00
Report preparation, drafting and research	3 days	@ \$250/day	\$750.00
Communications, management		@ 3%	\$108.00
Camping fees			\$16.00
TOTAL			\$3600.00

APPENDIX I ROCK SAMPLE DESCRIPTIONS

LSR01-G	Adit No. 2, 27m from portal, soft clay gouge on shear. No vein material.
LSR02-G	Adit No. 2, 23m from portal, chip across 20 cm quartz vein with some visible sulphides.
LSR03-G	Adit No. 2, 17m from portal, chip across 30cm quartz vein, disseminated sulphides with malachite staining.
LSR04-G	Adit No. 1, 21m from portal, chip across 100cm quartz vein with no visible mineralization.
LSR05-G	Adit No. 1, 12m from portal, chip sample across 1m of quartz vein offset on fault, malachite staining noted.
LSR06-G	Adit No. 1, 3m from portal, chip across 30cm of soft fault gouge and quartz vein with disseminated sulphides.
LSR07-G	Adit No. 3, 15m from portal at face, chip across 40cm of quartz with no visible sulphides.
LSR01-L	Adit No. 2, 4.4m from portal, chip across 30cm quartz vein with some pyrite.
LSR02-L	Adit No. 2, 8.5m from portal, chip across 1.2m quartz vein with sparse malachite stain.
LSR03-L	2m uphill and 10 feet above Adit No. 1 portal, chip across 1m quartz vein outcrop.

APPENDIX II
ROCK SAMPLE ASSAYS



Bondar Clegg Inchcape Testing Services

Geochemical Lab Report

CLIENT: WHITE WOLF EXPLORATION
REPORT: V96-01355.0 (COMPLETE)

PROJECT: 5EM 1
DATE PRINTED: 19-SEP-96 PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	AU30 PPB	AU+ OPT	Ag AgOL PPM	AgOL PPM	Cu CuOL PPM	CuOL PCT	Pb PPM	Zn ZnOL PPM	ZnOL PCT	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM	Ga PPM
---------------	---------------	----------	---------	-------------	----------	-------------	----------	--------	-------------	----------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	-------	--------	-------	--------	--------	--------	--------	--------	-------	--------	-------	--------

FDR-00L	6950	9.0	450	17	89	4	2	4	0.4	<5	68	51	2.59	572	<10	56	34	17	<20	<20	7	0.47	0.07	0.15	<.01	0.19	6	7	<2	<2	<2	<2	<2	<2	
FDR-01L	255	1.6	90	17	25	5	4	15	0.5	<5	16	6	3.08	1175	<10	81	48	21	<20	<20	13	0.92	0.50	0.24	<.01	0.25	10	10	<2	<2	<2	<2	<2	<2	<2
LSR-01G	14	0.8	37	5	56	<1	7	13	0.3	<5	<5	<5	2.88	1008	<10	78	42	63	<20	<20	6	2.29	1.73	2.50	0.06	0.38	103	6	7	<2	<2	<2	<2	<2	<2
LSR-02G	>10000	1.050	>200.0	414	6503	39	16	2	2	2	0.6	38	<5	<5	1.08	257	199	6	90	10	<20	<20	<1	0.25	0.29	0.51	<.01	0.03	39	<1	<2	<2	<2	<2	
LSR-03G	8841	135.6	>10000	1.7	249	52	8	5	4	2.7	18	<5	7	3.73	308	42	5	57	18	<20	<20	2	0.28	0.28	0.32	<.01	0.02	32	<1	<2	<2	<2	<2	<2	



Bondar Clegg Inchcape Testing Services

Geochemical Lab Report

CLIENT: WHITE WOLF EXPLORATION
REPORT: V96-01355.0 (COMPLETE)

PROJECT: SEM 1
DATE PRINTED: 19-SEP-96 PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Li	Nb	Sc	Ta	Ti	Zr
		PPM	PPM	PPM	PPM	PCT	PPM

LSR-04L		10	3	<5	<10	0.10	5
--------------------	--	---------------	--------------	------------------	-------------------	-----------------	--------------

LSR-01G	17	3	<5	<10	0.15	2
LSR-02G	2	<1	<5	<10	<.01	<1
LSR-03G	2	<1	<5	<10	<.01	<1

CLIENT: WHITE WOLF EXPLORATION
REPORT: V96-01355.0 (COMPLETE)

PROJECT: SEM I
DATE PRINTED: 19-SEP-96 PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Au30	Au+	Ag	AgOL	Cu	CuOL	Pb	Zn	ZnOL	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga
		PPB	OPT	PPM	PPM	PPM	PCT	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM	PPM
LSR-04G		102		3.9		323		190	9		32	2	1	<0.2	<5	<5	<5	0.43	105	<10	4	90	21	<20	<20	<1	0.25	0.13	0.53	<.01	<.01	21	<1	<2
LSR-05G		>10000	0.404	96.5		57		27	9		<1	3	1	0.3	<5	<5	<5	0.56	85	53	2	112	7	<20	<20	<1	0.14	0.08	0.05	<.01	<.01	4	<1	<2
LSR-06G		>10000	0.786	>200.0	260	74		28	11		2	4	4	<0.2	<5	<5	6	2.62	78	103	15	105	12	<20	<20	<1	0.26	0.11	0.03	<.01	0.10	3	<1	<2
LSR-07G		647		10.9		86		31	37		2	5	8	0.2	<5	<5	<5	2.14	397	<10	64	87	44	<20	<20	4	2.55	0.89	0.99	0.20	0.79	45	4	6
LSR-01L		>10000	1.592	>200.0	341	77		26	10		2	3	3	<0.2	33	<5	<5	0.67	157	196	10	93	11	<20	<20	<1	0.37	0.26	0.22	0.01	0.06	25	<1	<2
LSR-02L		>10000	0.422	109.5		78		21	10		<1	3	2	<0.2	<5	<5	<5	0.56	117	65	17	90	12	<20	<20	<1	0.37	0.16	0.39	0.01	0.12	27	<1	<2
LSR-03L		6834		36.1		16		15	6		<1	3	<1	<0.2	<5	<5	<5	0.25	98	28	7	123	5	<20	<20	<1	0.13	0.07	0.11	<.01	0.03	6	<1	<2



Bondar Clegg Inchcape Testing Services

Geochemical Lab Report

CLIENT: WHITE WOLF EXPLORATION
REPORT: V96-01355.0 (COMPLETE)

PROJECT: 5EM I
DATE PRINTED: 19-SEP-96 PAGE 28

SAMPLE NUMBER	ELEMENT UNITS	Li	Nb	Sc	Ta	Ti	Zr
		PPM	PPM	PPM	PPM	PCT	PPM
LSR-04G		1	<1	<5	<10	<.01	<1
LSR-05G		1	<1	<5	<10	<.01	<1
LSR-06G		2	<1	<5	<10	<.01	<1
LSR-07G		13	2	<5	<10	0.10	1
LSR-01L		3	<1	<5	<10	0.02	<1
LSR-02L		2	<1	<5	<10	0.01	<1
LSR-03L		1	<1	<5	<10	<.01	<1

**APPENDIX III
RAW VLF-EM DATA**

STATION SEATTLE

LINE 50S	DIP ANGLE	QUADRATURE
2+00E	-10	-26
1+75E	-30	-30
1+50E	-50	+10
1+25E	-20	+38
1+00E	+10	+18
0+75E	-45	+17
0+50E	-40	+33
0+25E	-20	-30
0+00	-45	-20
0+25W	-90	-4
0+50W	-93	+16
0+75W	-115	+28
1+00W	-80	+23
1+25W	-70	+34
1+50W	+10	+24
1+75W	-50	+24
2+00W	-130	+35

LINE 0

2+00E	-10	+12
1+75E	-30	+26
1+50E	-20	+20
1+25E	-20	+25
1+00E	-45	+34
0+75E	+35	+36
0+50E	-50	+42
0+25E	-70	+26
0+00	-80	+34
0+25W	-85	+32
0+50W	+50	+32
0+75W	+25	+28
1+00W	+90	+38
1+25W	+95	+24
1+50W	-90	+38
1+75W	+60	+22
2+00W	+25	+18

LINE 50N

2+00E	+80	+21
1+75E	-60	+38
1+50E	-50	+7
1+25E	+65	+37
1+00E	-70	+42

LINE 50N

	DIP ANGLE	QUADRATURE
0+75E	-90	+20
0+50E	+65	+11
0+25E	+90	+8
0+00	+90	+40
0+25W	-90	+32
0+50W	-55	+32
0+75W	+50	+33
1+00W	+70	+30
1+25W	+80	+20
1+50W	+75	+26
1+75W	-65	+35
2+00W	+85	+26

LINE 100N

2+00E	+70	+36
1+75E	-70	+30
1+50E	+90	+4
1+25E	-80	+30
1+00E	-60	+36
0+75E	-55	+28
0+50E	-35	+20
0+25E	-45	+35
0+00	-80	+25
0+25W	-130	+20
0+50W	-70	+15
0+75W	-60	+28
1+00W	-65	+37
1+25W	-90	+3
1+50W	-75	0
1+75W	-100	+16
2+00W	+50	+25

LINE 150N

2+00E	-100	+18
1+75E	+80	-3
1+50E	-65	+40
1+25E	-120	+28
1+00E	+90	+32
0+75E	-80	+21
0+50E	-90	+38
0+25E	+60	-3
0+00	+110	-20
0+25W	+90	+10
0+50W	+80	+8
0+75W	+90	+32
1+00W	+70	+19
1+25W	+90	+33
1+50W	+50	+15
1+75W	+65	+2
2+00W	+105	-9

LINE 200N**DIP ANGLE****QUADRATURE**

2+00E	+80	-10
1+75E	+90	-10
1+50E	+65	-36
1+25E	+75	+24
1+00E	-80	+26
0+75E	+100	+42
0+50E	-80	-12
0+25E	-90	+10
0+00	-100	+4
0+25W	+40	+14
0+50W	+20	+20
0+75W	+30	+22
1+00W	+70	+20
1+25W	+20	+12
1+50W	+30	+8
1+75W	+90	+11
2+00W	+120	+8