Suite 614-850 WEST HASTINGS STREET, VANCOUVER, B.C. TELEPHONE (604) 681-0191 V6C 1E1

GEOLOGICAL REPORT

on the

ERIE CREEK PROPERTY

Nelson Mining Division - British Columbia

Lat. 49<sup>0</sup> 16 N

Long. 117<sup>0</sup> 23' W

N.T.S. 92F/6W

for

Mr. Ralph Sostad

bу

Donald G. Allen, P. Eng. (B.C.)

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### **APPENDIX**

Appendix I Analytical Results

#### SUMMARY

Mr. Ralph Sostad holds 113 claim units which cover a molybdenum-copper-tungsten-lead-zinc-silver prospect in the Erie Creek area of southeastern British Colmbia. The property is situated eleven kilometres northwest of Salmo and is accessible by good logging road. Nine of the 25 largest gold producers in British Columbia, in terms of past production, lie within 25 kilometres of the property.

The Erie Creek prospect is centred on a complex swarm of porphyritic acid to basic dikes of Eocene age which intrude sedimentary and volcanic rocks of the Hall and Rossland Formations, both of Jurassic age. The dike complex extends northward and southward for a total distance of seventeen kilometres and is six kilometres wide. Mineralization on the property occurs in four concentric zones:

- 1) an inner zone of molybdenite + scheelite mineralization which occur in fracture and quartz vein stockworks;
- 2) a surrounding zone of chalcopyrite <u>+</u> scheelite in fracture zones and shear veins;
- 3) an outer zone of galena-sphalerite-chalcopyrite shear veins; and
- 4) a widespread pyrite and pyrrhotite zone which occurs in and well beyond all zones.

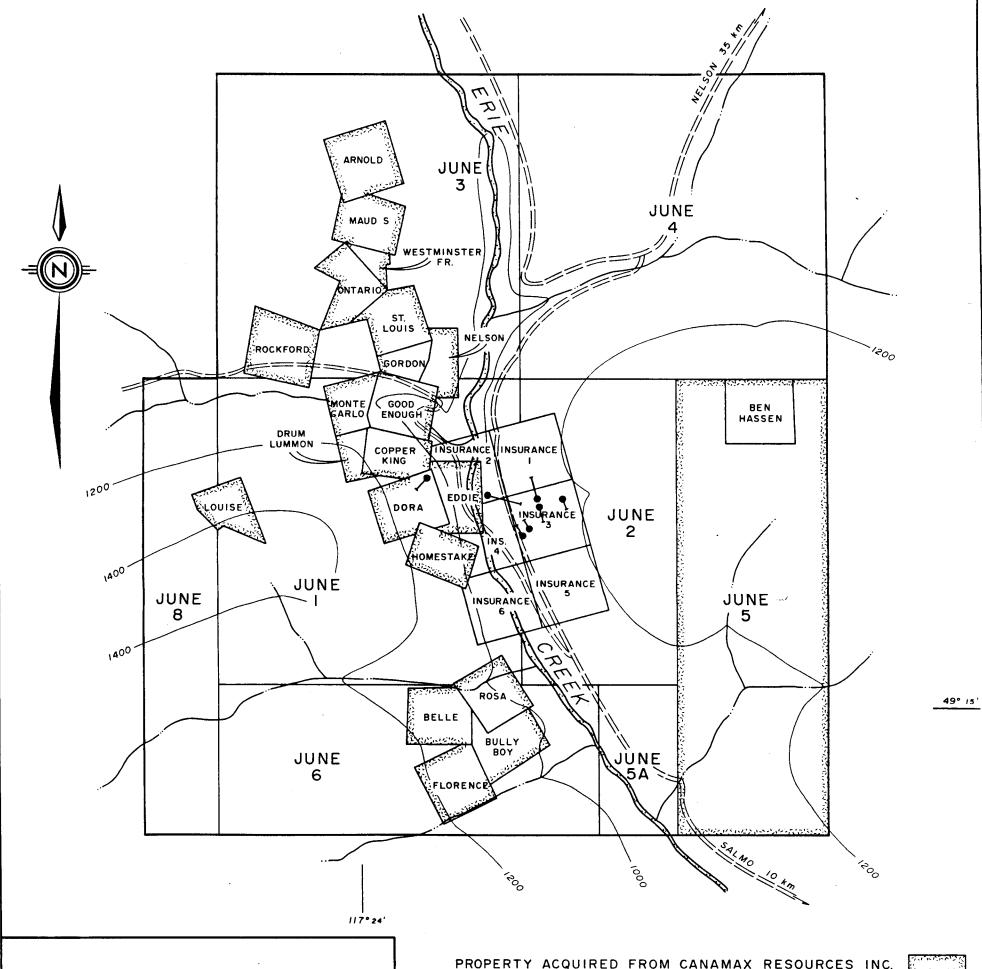
The property has had a long history dating back to the late 1890's. The molybdenum-copper potential has been investigated in recent years by McIntyre Porcupine Mines and AMAX Exploration Ltd. (now Canamax Resources Inc.). Their work to date has included geological, geochemical and geophysical surveys and 2778 metres of diamond drilling in 15 holes. However, surveys to date have not fully delineated or tested the lead-zinc-silver zone. Silver values of up to 2.6 ounces per ton have been reported from shear veins and values of 1.2 ounces per ton have been reported in one of McIntyre Porcupine's drill holes. Gold values of up to 620 parts per billion (0.017 ounces per ton) have also been reported on shear veins.

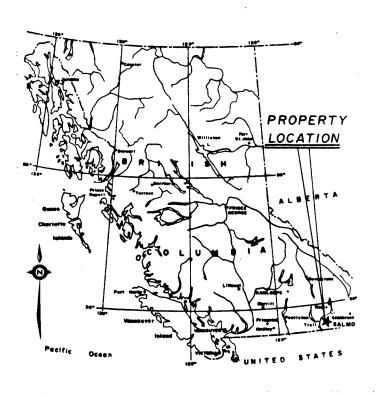
#### CONCLUSION

The Erie Creek property is a zoned porphyry-type deposit with a central molybdenum-copper-tungsten zone surrounded base and precious metal mineralization.

Geochemcial sampling to date has only partly defined the peripheral lead-zinc-silver zone, and analyses for gold, except for spot checks, were not undertaken. An exploration program comprising further geochemical surveys, to fully define the lead-zinc-silver zone, followed by diamond

# KOOTENAY KING RESOURCES INC.





PROPERTY ACQUIRED FROM CANAMAX RESOURCES INC.

PROPERTY ACQUIRED BY RIGHT OF LOCATION

DIAMOND DRILL HOLE

# ERIE CREEK PROPERTY

SALMO AREA, NELSON MINING DIVISION

BRITISH COLUMBIA

SEPTEMBER 1985.

BRAD'S DRAFTING SERVICES

drilling on any targets generated are warranted.

The property may have potential for gold mineralization considering (1) the proximity to a number of important gold prospects, two of which lie within the Erie Creek dike swarm and (2) the recent discovery of a significant gold deposit associated with copper-molybdenum mineralization by Selco and Rio Algom in the Mt. Aylwin area sixty-five kilometres to the north.

In addition, other lower priority targets remain, as suggested by Canamax. Should molydenum tungsten and copper prices improve, then a possible target would be a buried high grade (>0.04% MoS<sub>2</sub> equivalent) at depths greater than 200 metres below the Erie Creek valley floor. Other targets are low-grade tungsten in calc-silicate hornfels on the west side of Erie Creek and silver-bearing hydrothermal breccias beneath Erie Creek.

#### RECOMMENDATION

A two-stage exploration program is recommended to evaluate the base and precious metal potential of the Erie Creek property. Stage I will comprise expanding the survey area to fully delineate the anomalies previously partly outlined. The existing survey grids, should be extended and soil sampled at intervals of 25 metres on lines 100 metres apart. Soils should be analyzed for Mo, Cu, Pb, Zn, Ag, As, and Au. In addition, the AMAX pulps especially those from the lead-zinc-silver zone should be reanalyzed for gold. The numerous pits and underground workings should be mapped and sampled. Should results be favorable then a Stage II program including diamond drilling of any targets generated will be warranted.

Estimated costs for Stage I and Stage II are \$36,000.00 and \$102,000 respectively for a grand total of \$138,000.

Sould & all

# ESTIMATED COSTS OF RECOMMENDATION

# STAGE I

Salaries	
Geologist 1 man month @ \$6,000	\$ 6,000
2 Assistant samplers 2 man months @ \$3,000	6,000
Room and board 90 man days @ \$40	3,600
Geochemical analyses 1,000 samples @ \$12	12,000
Vehicle rental, transportation	2,000
Material and supplies	1,000
Report	2,000
Sub Total	\$ 32,600
Contingencies	3,400
TOTAL	\$ 36,000
STAGE II Diamond Drilling  Drilling 2,000 feet @ \$35/ft  Bulldozer: trenching, road construction,  drillsite preparation, land reclamation	\$ 70,000
100 hours @ \$100/hr	10,000
Engineering, supervision, consulting	7,000
Assays	5,000
Sub Total	
Contingencies	10,000
TOTAL	\$102,000
GRAND TOTAL	\$138,000

#### INTRODUCTION

Mr. Ralph Sostad holds by staking and by option from Canamax Resources Inc., 113 claim units in the Erie Creek area near Salmo, in southwestern, British Columbia. The claims cover a concentrically zoned molybdenum-tungsten-copper-lead-zinc-silver stockwork and vein system centered on a swarm of acid to basic dikes.

Recent work by Canamax Resources Inc. (formerly AMAX Exploration Inc.) has defined low-grade molybdenum-copper-tungsten mineralization in the central part of the property. The property was acquired by Mr. Ralph Sostad for its precious metal potential. This report was prepared at the request of Mr. Sostad and is based on exploration work carried out by AMAX; a property visit made by the writer on October 12, 1985; on information supplied by Canamax Resources Inc.; and on information listed under References. Canamax kindly gave the author permission to use results of their work in preparation of this report.

The Erie Creek property is one of a large number of important mineral deposits comprising a variety of commodity types in the Nelson-Salmo-Ymir area. Nine of the twenty-five largest gold mines in terms of past production, lie within 25 kilometres of the property. These include the deposits of the Sheep Creek and Ymir gold camps, the Granite-Poorman, Second Relief and Arlington Mines. Significant molybdenum

and copper deposits have been recently discovered by Shell Canada Resources on the Stewart property seven kilometres to the east.

#### LOCATION AND ACCESS

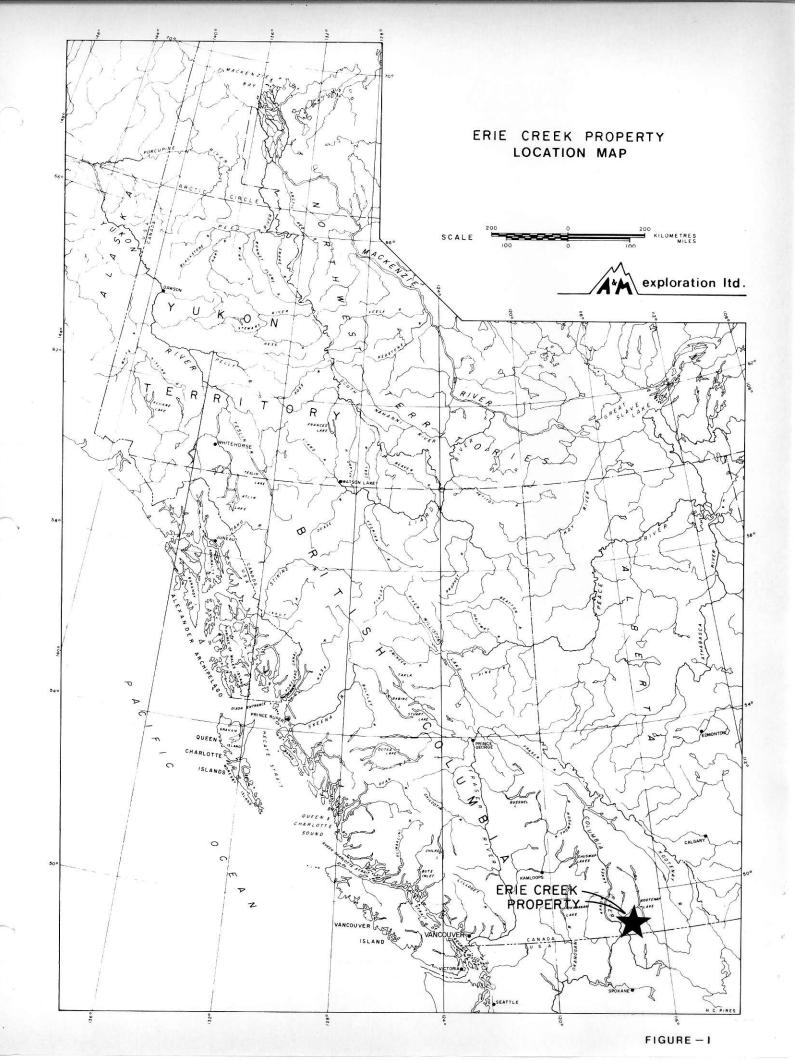
The Erie Creek property is situated eleven kilometres northwest of Salmo and 25 kilomtres southwest of Nelson (see Figures 1 and 2). The claims lie on both sides of Erie Creek near its confluence with Grassy and Craightown Creeks.

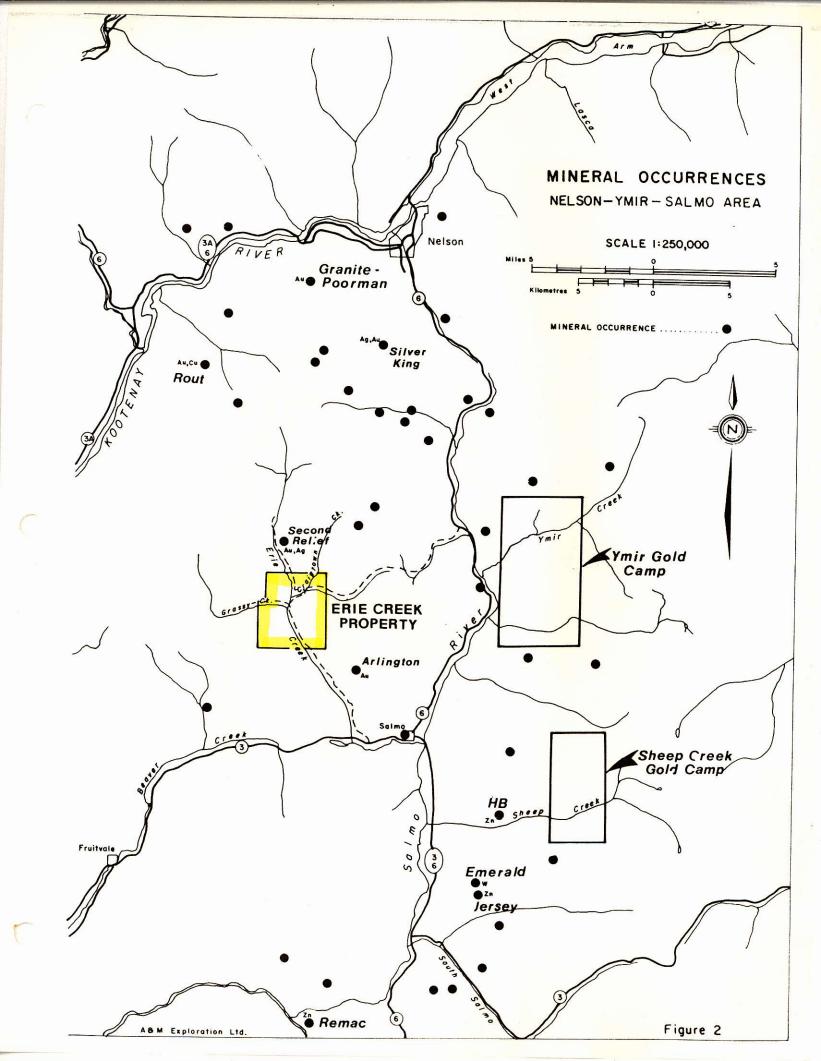
The area is in the Bonnington Range of the Selkirk Mountains. Topography in the claim area is moderately steep but not rugged. Elevations range from 3000 to 5500 feet. Slopes are covered with a light growth of cedar, balsam fir, Douglas fir, larch, hemlock, poplar and birch with an undergrowth of alder, willow, and false azalea.

Access is by a well maintained logging road from Highway 3, about fifteen minutes drive from Salmo.

#### CLAIM DATA

The Erie Creek property comprises 113 claim units (Figure 3) and are registered in the name of Mr. Ralph Sostad. Claim data are as follows:







ERIE CREEK PROPERTY

# CLAIM MAP

Nelson Mining Division - British Columbia

Claim Name	Record No.		Type		Lot No.	No of Units	Expiry Date*
Arnold	867	Rev.	Crown	Grant	_	1	Nov. 23, 1986
Belle	860	11	#1	tt	2461	1	Nov. 23, 1986
Ben Hassen	866	11	11	11	3663	1	Nov. 23, 1986
Bully Boy	862	11	11	11	3238	1	Nov. 23, 1986
Rosa	859	11	11	11	2460	1	Nov. 23, 1986
Copper King	910	11	tf	11	5153	1	Dec. 15. 1986
Dora	909	11	11	**	5152	1	Dec. 15, 1986
Drum Lummon	912	#1	11	11	5481	1	Dec. 15, 1986
Eddie	870	11	11	F1	12186	1	Nov. 23, 1986
Florence	861	##	н	11	3227	1	Nov. 23, 1986
Good Enough	911	11	11	11	5466	1	Dec. 15, 1986
Gordon	913	17	11	11	12175	1	Dec. 15, 1986
Homestake	908	11	11	11	3433	1	Dec. 15, 1986
Louise	871	Ħ	Ħ	11	12187	1	Nov. 23, 1986
Maude S	865	11	11	11	3662	1	Nov. 23, 1986
Monte Carlo	907	H	н	11	1066	1	Dec. 15, 1986
Nelson	914	11	11	11	12177	1	Dec. 15, 1986
Ontario	864	H	н	H	3659	1	Nov. 23, 1986
Rockford	863	11	н	H	3435	1	Nov. 23, 1986
St. Louis	868	н	11	11	13176	1	Nov. 23, 1986
Westminster Fraction	869	H	п	11	12184	1	Nov. 23, 1985
June 1	4168		M.G.5	S .	_	16	July 2, 1986
June 2	4169		M.G.5	S.	_	8	July 2, 1986
June 3	4170		M.G.S	S.	-	16	July 2, 1986
June 4	4171		M.G.S	S .	-	16	July 2, 1986
June 5	1019		M.G.S	S.	-	12	Apr. 18, 1986
June 5A	4172		M.G.S	S.	-	2	July 2, 1986
June 6	4173		M.G.S	S .	_	10	July 2, 1986
June 7	1021		M.G.S	S.	-	18	Apr. 18, 1986
June 8			M.G.S	S.		6	July 2, 1986
Insurance 1	4188		2 pos	st	_	1	July 18, 1986
Insurance 2-6	4194-4198		2 pos	st	-	5	July 18, 1986

<sup>\*</sup>Assuming current exploration work is accepted for Assessment purposes.

#### HISTORY

Mineralization on the property was first explored in the 1890's. Little information is available on the work carried out at that time. In 1896, (Carlyle, 1896) brief mention is made of discoveries on the Ben Hassan and Arnold (Reverted Crown Grant) claims.

In 1926 to 1928 Consolidated Mining and Smelting Ltd. conducted diamond drilling on "copper-gold" deposits (O'Grady, 1928) on the Arnold, St. Louis and Drum Lummon claims.

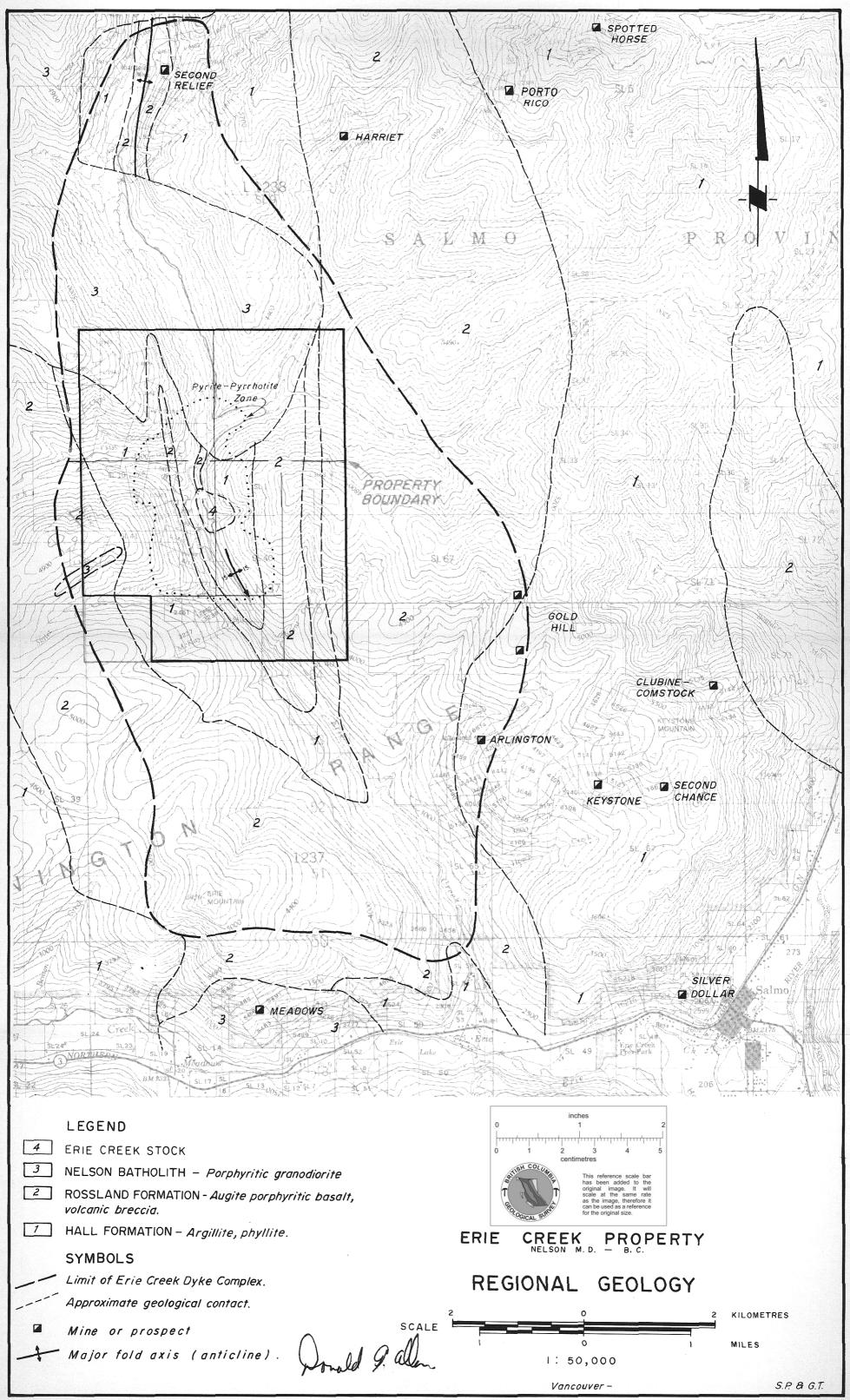
In 1968, the property was held by Canzac Mines Ltd. and optioned to McIntyre Porcupine Mines Ltd. who conducted 1712 metres of drilling in 12 holes in 1969 and 1970. The best mineralization encountered was 85 metres grading 0.115% MoS<sub>2</sub> and 0.05% copper including a 30 metre section grading 1.2 oz/ton silver. The property was acquired by AMAX in 1976 to 1979, and detailed geological mapping, geochemical sampling, geophysical surveys and diamond drilling totalling 1066 metres in four holes were carried out. Best grades encountered were 17 metres grading 0.06% WO<sub>3</sub> in drill hole 80-4, and 36 metres grading 0.07% Mos<sub>2</sub> in drill hole 79-1.

#### REGIONAL GEOLOGY

The Erie Creek property is in the Nelson Map-Area of Little (1960) and the Bonnington Map-Area of Wagner (1934). Geology of the immediate claim area is summarized on Figure 4.

The property lies near one of the lobes of the 160 m.y. old Nelson batholith. In this area, it is composed of coarse grained porphyritic granodiorite-granite containing numerous white orthoclase phenocrysts of orthoclase in a groundmass of orthoclase, plagioclase and quartz with minor amounts of hornblende and biotite. The granite has intruded sedimentary rocks of the "Sinemurian beds" (Little, 1960) and volcanic rocks of the Rossland Formation, both of Lower Jurassic age.

A complex array of dikes and sills of porphyritic rhyolite, quartz latite, dacite, and basalt (Erie Creek dike swarm) occur in the Erie Creek basin for a distance of at least seventeen kilometres, between the Arlington and Second Relief Mines. The swarm is about one kilometre wide. An age determination of 47 million years has been reported by Hodgson et al (1979). Dikes trend north-south and parallel Erie Creek. Density ranges from about three per 100 metres to as many as thirty per 100 metres in the centre of the property where one or more of the dikes assume stock-like dimensions.



A number of former producers of base and precious metals occur in the immediate vicinity of Erie Creek, notably the Second Relief Mine (past production 99,000 ounces of gold from 228,000 tons of ore) to the north and the Arlington (past production 56,000 ounces of gold and 100,000 ounces of silver from 85,000 tons of ore). Both deposits and a number of other prospects are associated with the Erie Creek dike swarm although a direct genetic relation has not been established.

#### PROPERTY GEOLOGY

The property geology has been described by the writer (Allen, 1977) and Hodgson, Parry and Lebel (1980). The following is a brief summary. For details, see government assessment reports.

The main geological features of the property are a quartz monzonite stock containing a well developed quartz vein stockwork about 400 metres in diameter, and swarms of quartz-feldspar porphyry dikes. Host rocks are hornfelsic siltstone of the "Sinemurian Beds" and/or Hall Formation and augite basalt and volcanic breccia of the Rossland Formation.

#### Erie Creek Stock

The Erie Creek stock is a light grey quartz monzonite

with an aplitic texture. Four sub-types with complex cross-cutting relationships between types and molybdenum mineralization have been noted.

#### Dikes

Dikes of quartz feldspar porphyry of various textures are abundant on the property, much more so than indicated on the accompanying figures. They range in width from several centimetres to about twenty metres. In general, they trend north-south  $(\pm\ 30^{\circ})$  and have steep dips. Numerous phases have been recognized. Age relationships with each other and with mineralization are complex. Most dikes appear to be intramineral and postmineral in age.

The most prevalent dike type is a biotite quartz-feldspar porphyry which in itself has variable proportions of phenocrysts of biotite, quartz and feldspar. Other common readily identifiable dike phases include white quartz porphyry and black basalt dikes.

#### Alteration

Four main alteration types have been mapped.

- 1) Biotite hornfels is apparently a contact metamorphic effect related to both the Nelson batholith and the Erie Creek dike swarm. It is developed mainly in argillite and siltstone.
- 2) Weak quartz-sericite-pyrite alteration occurs in

envelopes along and adjacent to fractures and molybdenite-quartz veins.

- 3) Epidote is reported in amounts of up to 10% as clots and in veins in quartz monzonite and hornfels.
- 4) Chlorite occurs mainly on fractures and in shear veins in augite andesite and hornfels.

#### Mineralization

Mineralization on the Erie Creek property occurs roughly in four concentric zones.

- 1) An inner quartz-molybdenite <u>+</u> scheelite zone is approximately 600 metres in diameter and is centered on the east side of Erie Creek. Host rocks are quartz monzonite dikes and stock, and white rhyolite. Grades in the zone range from 96 to 590 parts per million molybdenum, 166 to 1960 parts per million copper and 50 to 1400 parts per million tungsten. Best results reported by McIntyre Porcupine Mines were 85 meters of 0.115% MoS<sub>2</sub> and 0.05% Cu (including 30 metres 1.2 ounces per ton silver).
- 2) Chalcopyrite occurs over an area of 1.5 to 2 kilometres, both in and around the molybdenite zone. Chalcopyrite occurs in quartz and sulphide veinlets, as fracture coatings and in shear veins with pyrite, pyrrhotite and minor amounts of scheelite Best copper

values were obtained up to 1.3% from vein and dump samples mainly on the west side of Erie Creek.

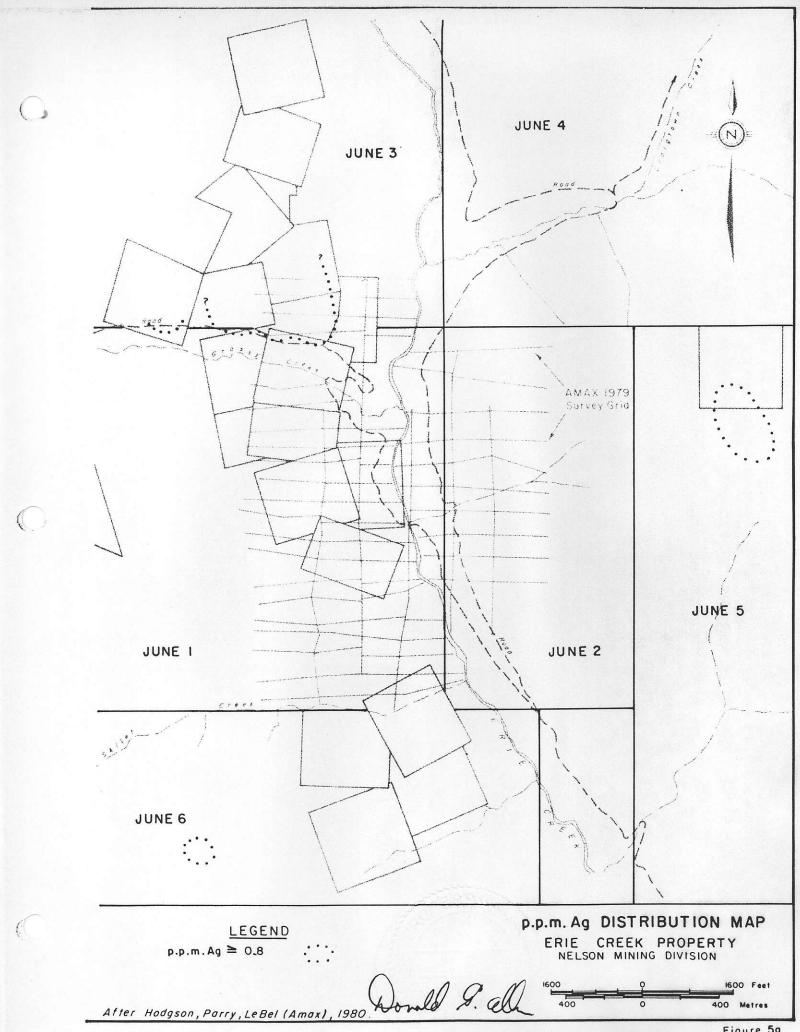
- 3) Pyrite and pyrrhotite occur finely disseminated and as fracture coatings in and around the molydenite-chalcopyrite zone, over an area of about 1.5 by 2.5 kilometres.
- 4) Sphalerite and galena occur in shear veins beyond the molybdenite zone. They are found on the Arnold, St. Louis, Ben Hassen and Rosa reverted crown grant claims.

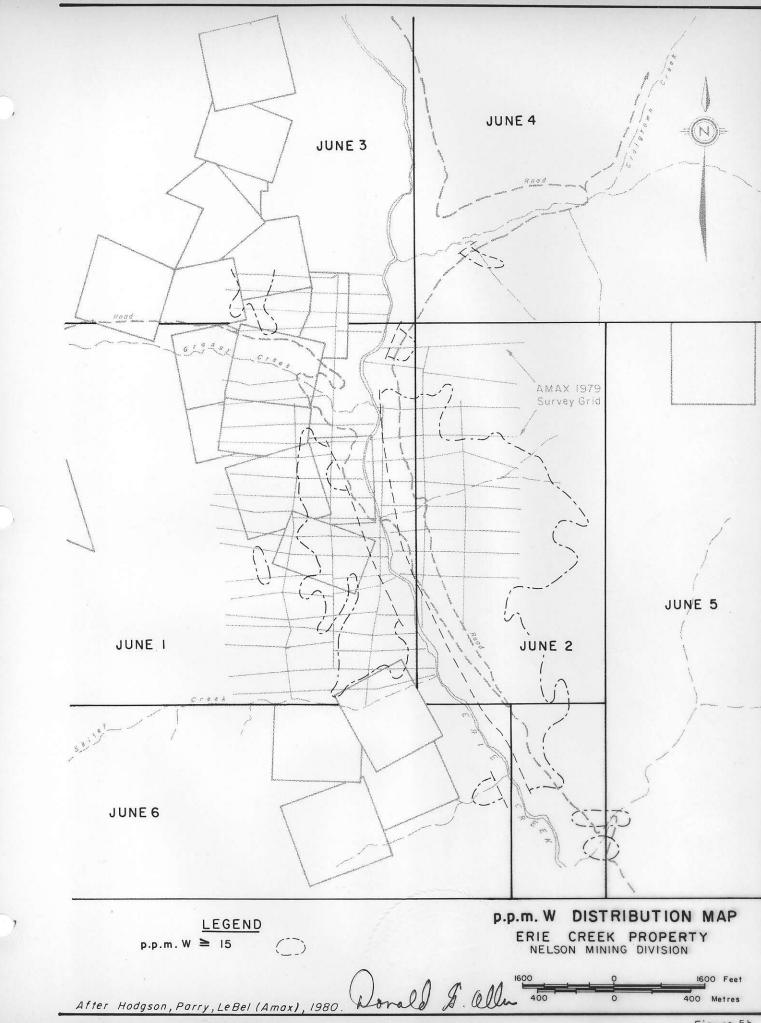
The distribution of gold and silver appears to be erratic. McIntyre Porcupine Mines reported a thirty metre composite in drill hole 69-5 that assays 1.2 ounces per ton silver. Elsewhere, silver values up to 90 parts per million (2.6 ounces per ton) are reported by AMAX from the shear veins mentioned above. Gold values of up to 620 parts per billion (0.017 ounces per ton) are also reported.

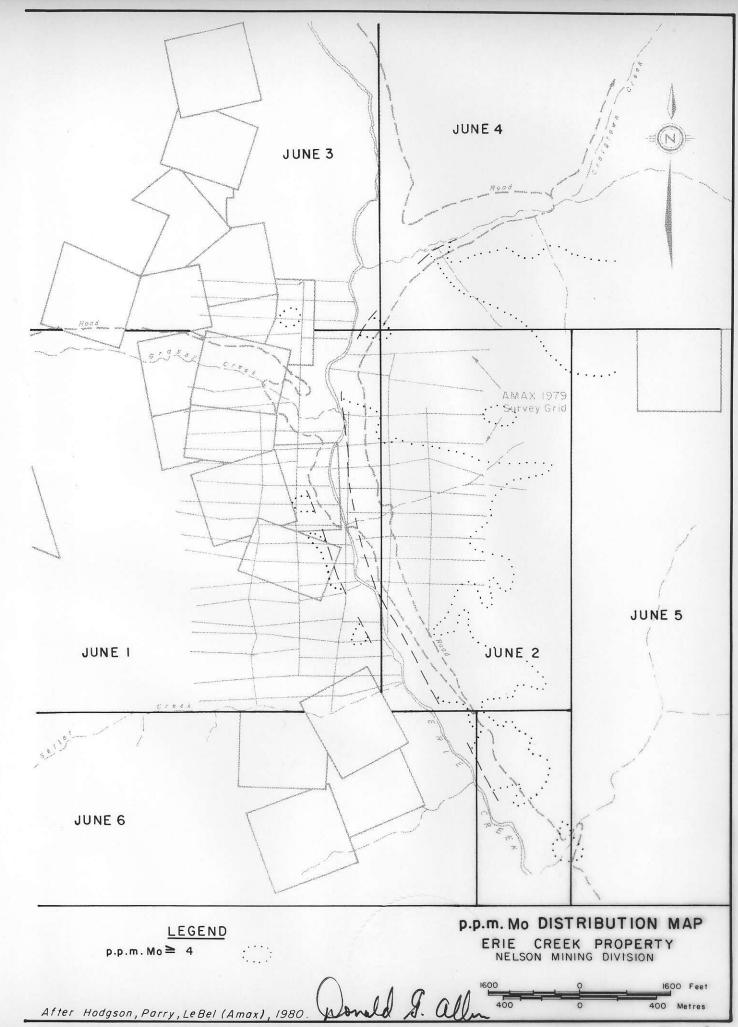
#### GEOCHEMISTRY

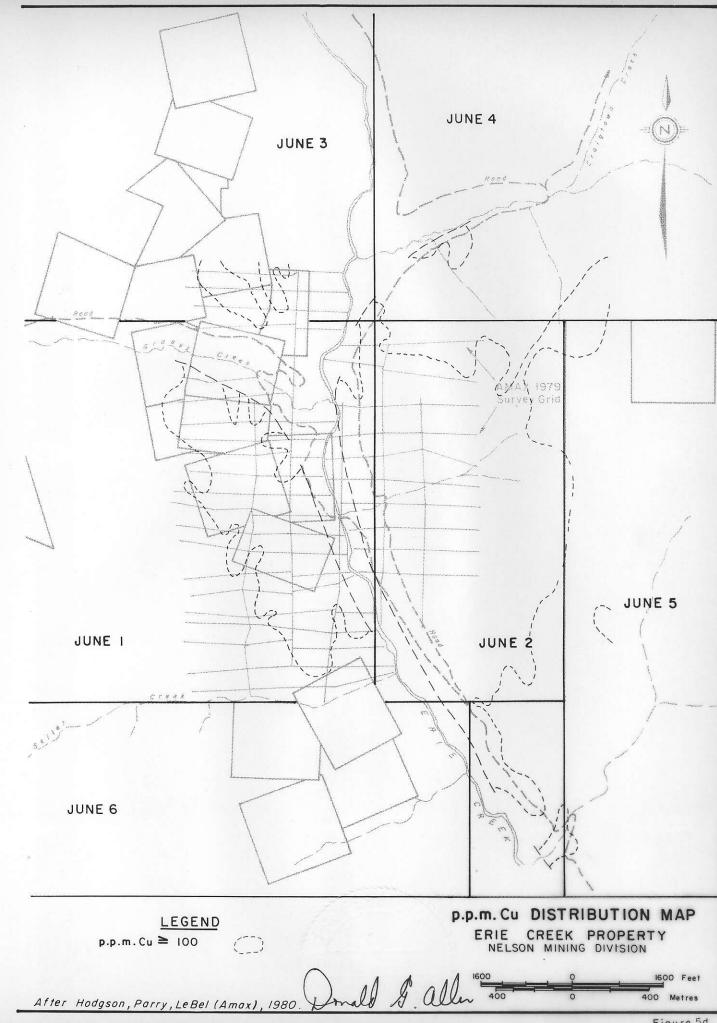
#### Previous Work

Results of soil and rock geochemical sampling by AMAX are summarized on figures 5a to 5f. Data reinforces the zoning pattern already described above, i.e.









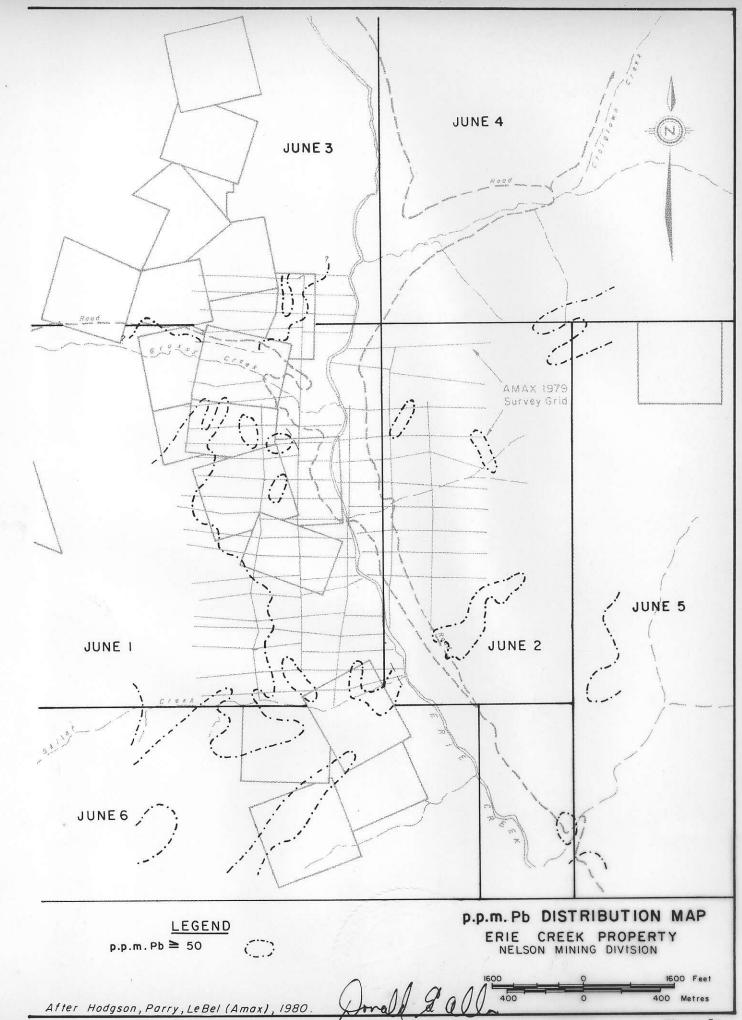


Figure 5e

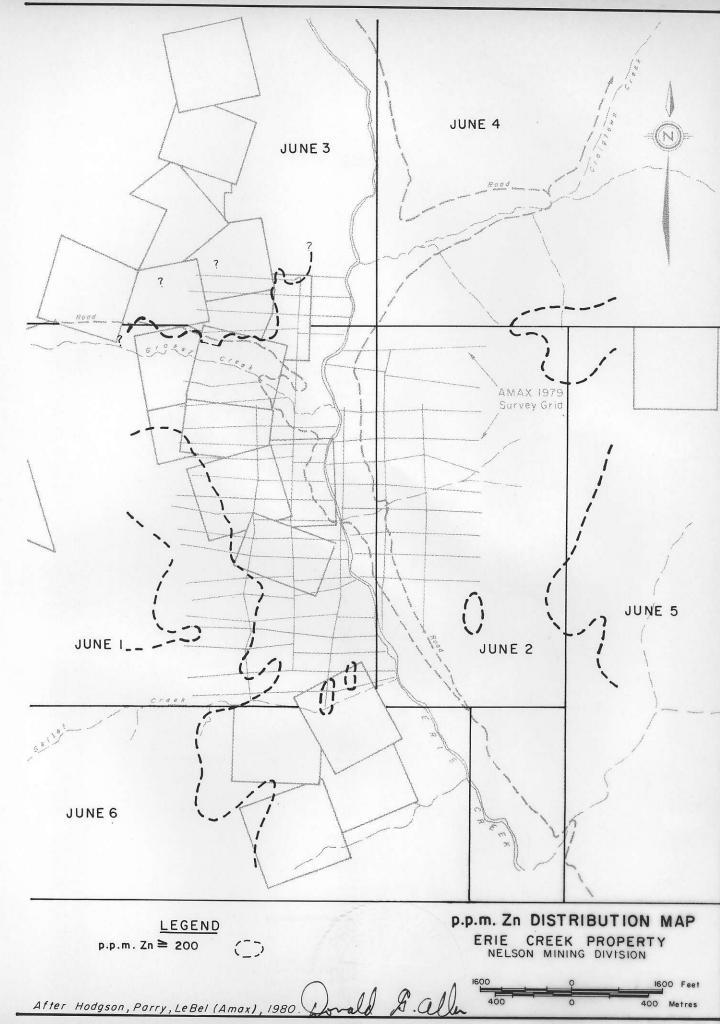


Figure 5f

- 1) A molybdenum soil anomaly 700 metres in diameter centred east of Erie Creek.
- 2) A tungsten anomaly about 1.2 kilometres in diameter which overlaps the molybdenum anomaly.
- 3) A copper soil anomaly which is two kilometres in diameter.
- 4) Lead and zinc soil anomaly patterns occur beyond the copper anomalies. Of significance are highly anomalous lead (> 200 parts per million) and zinc (> 600 parts per million) on the western part of the claims and immediately to the north of Grassy Creek. Soil sampling grids have not been extended sufficiently to fully delineate the anomalous area.

  5) Silver values are anomalous (0.8-2.4 ppm) mainly in
- the extreme northwest part of the sampled area.

  Elsewhere, reconnaissance sampling has revealed several clusters of silver anomalies in soil (0.8 to 2.8 ppm with one anomalous value of 10.6 ppm obtained in the southwestern corner of the claim group) that warrant follow-up.

Good S. cell

#### 1985 WORK

In 1985, most of the available drill core pulps on storage at Rossbacher Laboratory Ltd. were selected and analyzed for gold. Samples were analyzed to investigate whether or not gold values are present in the molybdenum-tungsten zone. Except for a few scattered anomalous values of 20 to 30 parts per billion only two significant values of 180 and 350 parts per billion (0.005 and 0.01 ounces per ton) were obtained from the interval 162 to 170 feet (2.4 metres). In this interval Parry (1980) reports the presence of chlorite-actinolite veins up to 15 centimetres wide containing up to 10% pyrrhotite and locally 1% chalcopyrite. Several samples taken by the writer (Figure 6) from the copper tungsten zone were analyzed for gold and found to be slightly anomalous (up to 70 parts per billion).

In view of the association of copper and gold with other important gold deposits in the Nelson-Salmo area, such as the Granite-Poorman Mine (Allen,1984, Figure 2) and the Root property (Santos, 1983,) further mapping and sampling is warranted.

Donald Fall

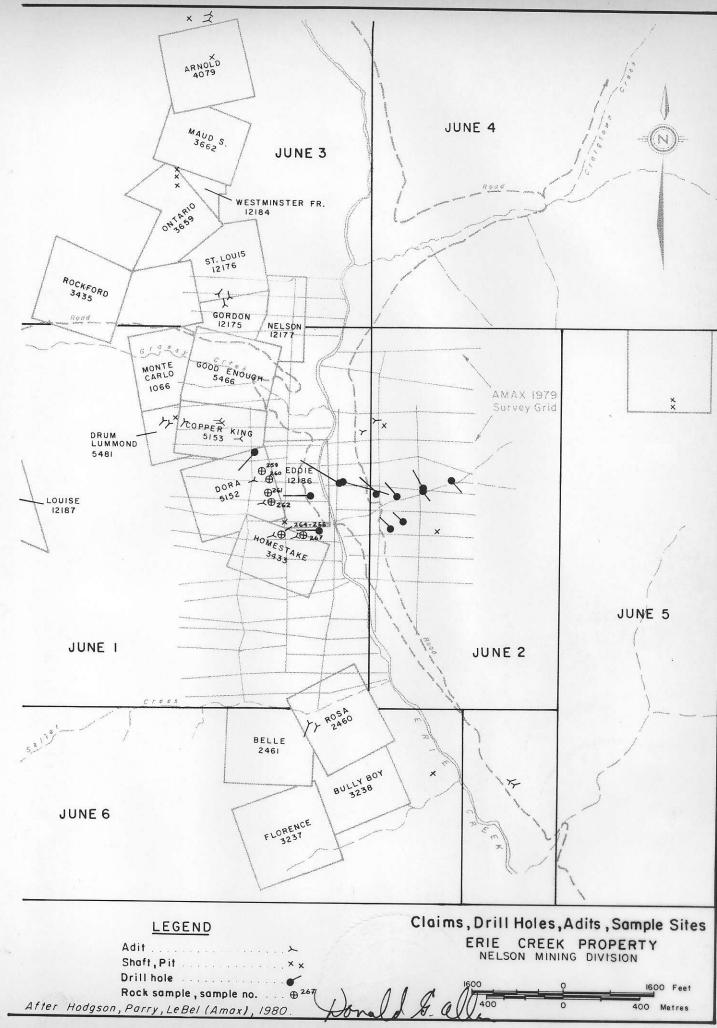


Figure 6

#### REFERENCES

- Allen, D. G. (1984). Memorandum Report on the Granite-Poorman Mines.Private Report prepared for Du-Well Resources Ltd.
- Allen, D. G. (1977). Erie Creek Property. Report for AMAX Exploration Inc.
- Carlyle, W. A. (1897). B.C. Minister of Mines Annual Report for 1898.
- Cockfield, W. E. (1936). Lode Gold Deposits of Ymir-Nelson Area, B.C. Geol. Survey Canada Memoir 191.
- Hodgson, C.J., Chapman, R.G.S. and MacGeehan, P.S. (1982).
  Application of Exploration Criteria for Gold
  Deposits in the Superior Province of the Canadian
  Shield to Gold Exploration in the Cordillera in
  Precious Metals in the Northern Cordillera.
  Geol. Assoc. Canada 1981 Symposium Proceedings,
  pp. 173-206.
- Hodgson, C.J., Parry, S.E. and Lebel, J.L. (1979). Erie Creek Property. Report for AMAX Exploration Ltd.
- Kyba, B.W. (1980). Erie Creek Property Diamond Drilling. Report for AMAX Exploration Inc.
- Little, H.W. (1960). Nelson Map-Area, West Half, B.C. Geol. Survey Canada, Memoir 308.
- Mulligan, R. (1952). Bonnington Map-Area, B.C. Geol. Survey Canada, Paper 52-13.
- O'Grady, B.T. (1928). Drum Lummon in B.C. Min. Mines & Pet. Resources Annual Report for 1928, P. C338.
- Parry, S.E. (1980). Erie Creek Property Diamond Drilling Report for AMAX Exploration Inc.
- Santos, P.J. (1993). Report on the Property of Noramex Minerals Inc., Root Gold Project. 1983 Prospectus Report.

Walter, J. (1934). Geology and Mineral Deposits of Salmo Map-Area, B.C. Geol. Survey Canada Memoir 172.

#### CERTIFICATE

- I, Donald G. Allen, certify that;
  - I am a Consulting Geological Engineer, of A & M Exploration Ltd., with offices at #614 - 850 West Hastings Street, Vancouver, British Columbia
  - 2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).
  - 3. I have practised my profession of exploration geologicst since 1964 to present, in British Columbia, the Yukon, Alaska and various parts of the Western United States.
  - 4. I am a member in good standing of the Association of Professional Engineers of British Columbia.
  - 5. This report is based on fieldwork carried out personally by the writer from September 28 to October 2, 1976 (for AMAX), on a property visit on October 12, 1985, and on information supplied by Canamax REsources Inc. (see References).
  - 6. I hold no interest, nor do I expect to receive any, in the Erie Creek property.
  - 7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus in connection with raising of funds for the project covered by this report.

October 25, 1985 Vancouver, B.C.

Donald G. Allen, P. Eng. B. C.)

of sale

APPENDIX I

ANALYTICAL RESULTS

### ROSSBACHER LABORATORY LTD.

#### CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVENUE BURNABY. B.C. V5B 3N1 TEL: (604) 299 - 6910

TO : A&M EXPLORATION LTD.

614-850 W. HASTINGS STREET

VANCOUVER B.C.

PROJECT: 292

TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 85434.A

INVOICE#:

6044

DATE ENTERED: 85-10-23

FILE NAME: A&M85434.A

PAGE # :

PRE FIX	SAMPLE NAME	PPM Mo	PPM	PPM Ag	PPM Zn	PPM Pb	PPB Au	
Α	 292AT259	 8	940	1.2	14	 8	10	
A	260	1	510	0.6	42	18	10	
Α	261	1	2100	2.8	48	4	10	
Α	262	1	510	0.4	38	2	10	
Α	263	1	5500	6.6	82	4	20	
Ä	264	1	1220	1.0	48	4	10	
A	265	2	13200	16.6	184	8	70	
Α	266	4	1160	2.4	76	20	10	
Α	292AT267	1	830	0.8	46	6	10	

CERTIFIED BY :

#### ROSSBACHER LABORATORY LTD.

#### CERTIFICATE OF ANALYSIS

2225 S. SPRINGER AVENUE BURNABY. B.C. V5B 3N1

TEL: (604) 299 - 6910

TO : A&M EXPLORATION LTD.

614-850 W. HASTINGS STREET

VANCOUVER B.C.

PROJECT: 292 ERIE CR

TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 85359 INVOICE#: 5589

DATE ENTERED: OCT.1.1985 FILE NAME: A&M85359

PAGE # :

PRE		PPB	
FIX	SAMPLE NAME	Au	
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	60903	10	
	60904	10	
	60905	10	
	60906	1.0	-
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	60908	10	
	60909	10	
	60910	10	
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	60912	10	
	60913	10	
	60914	10	
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	60920	10	
	60921	10	
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	60923	1 O	
	60924	10	
	60925	10	
WINCIAM AND A FREE WATER WATER CO.	60926	10	
	60927	10	
	60928	10	
	60929	10	
	60930	10	
	60931	10	
	60932	<b>1</b> O	
	60933	1 O	
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	60935	10	
	60936	10	
	60937	1 ()	
	60938	10	
	60939	10	
	60940	<b>1</b> . O	

CERTIFIED BY :

Lasborde

#### OSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE BURNABY. B.C. V5B 3N1

TEL: (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.

614-850 W. HASTINGS STREET

VANCOUVER B.C.

PROJECT: 292 ERIE CR

TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 85359

5589 INVOICE#:

DATE ENTERED: OCT.1.1985

FILE NAME: A&M85359

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J. Horsbord

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