GEOLOGICAL REPORT

ON THE

TRUE FISSURE PROPERTY

IN THE

OMINECA MINING DIVISION
BRITISH COLUMBIA

LOCATION MAP

55<sup>0</sup>23' North Latitude

127001' West Longitude

CURTIFICATION OF Stevenson, P. Eng.

AMIR MINES LTD.

MARCH 1, 1983

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#### INTRODUCTION

In December 1982 Amir Mines Ltd. purchased a block of mineral claims located over the True Fissure Quartz vein in Central British Columbia. These claims were purchased from Mr. Richard Barclay of Langley, B.C.

Amir contracted with Bema Industries Ltd. and
W.G. Stevenson and Associates Ltd. to assess the mineral
potential of this property and to design a program of exploration to test this potential.

To accomplish this assignment I reviewed various maps, reports and data, and on February 10, 1983, in company with Mr. Gary Nordin, geologist employed by Bema and Mr. Loren Warren, one of the vendors of the claims. I made an examination of the property.

Under date of February 18, 1983 Mr. Nordin has prepared a geological report titled "Geological Report True Fissure Property, Theon 1-4 Claims". This report and other data and information provided by Mr. Nordin, coupled with my observations and on my discussions with Messrs. Loren Warren and D.C. Plecash, geologist, has formed the basis for the accompanying report.

## PROPERTY AND TITLE

Under date of October 26, 1979, Mr. Michael Anthony
Wood staked the Theon 1-4 mineral claims over the old True

Fissure Prospect. The claims were recorded in Smithers on October 31, 1979, record numbers 2181-2184.

These claims were purchased from Messrs. Wood and Warren in December 1982 by Mr. Richard Barclay, principal in the firm of Bema Industries Ltd. and an officer and director of Amir Mines Ltd.

Under the terms of an agreement dated December 15, 1983, Amir Mines Ltd. purchased these claims from Mr. Barclay.

Records in the B.C. Department of Mines and
Petroleum Resources show that title to these claims has been validated until October 31, 1983.

## LOCATION AND ACCESS

The Thoen mineral claims are in the Omineca Mining
Division located approximately 65 kilometers north of Smithers,
B.C. and 45 kilometers northeast of Hazelton, B.C.

The claims are in a small cirque on the south flank of Mount Thoen near the headwaters of the Suskwa River at an elevation of approximately 5500 feet. More precisely, the claims are centered at 55°23' North Latitude and 127°01' West Longitude.

Access can be gained by 4-wheel drive vehicle over a primitive forestry road to a position 2 kilometers south of the property. A steep tote trail extends to the property from this road.

At the time of our examination a helicopter was

engaged in Smithers to fly us directly to the property.

The attached map marked Appendix "A" shows the location of the property and the attached map marked Appendix "B" shows the outline of the mineral claims and the forest access road south of the claim group.

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The first reference to what is now the Thoen property was in about 1922 when claims were staked by Gordon McLennan and Pete Jennings. After prospecting and driving a short tunnel the claims were allowed to lapse and the area was inactive until 1927. During the next 2 years the tunnel was extended and a second tunnel at a higher elevation was started.

Mineral claims were periodically staked from that time onward, but no work of consequence was accomplished until 1979 when Mr. Wood, prospector from Smithers, staked the Thoen claims.

In 1980 the claims were optioned to D.Groot
Logging Ltd. who commissioned Mr. D.E. Plecash, Consulting
Geologist, to map the geology, collect samples for assay and
to conduct a geophysical survey. At the completion of this
exploration program, D. Groot Logging terminated their
option. The claims were purchased by Mr. Richard Barclay by
an agreement dated December 6, 1982, and shortly thereafter
were vended into Amir Mines Ltd.

#### **GEOLOGY**

The rocks within the property are essentially sedimentary sandstones, siltstones, argillite, chert and conglomerate, variously altered to quartzites and hornfels, all part of the Bowser Lake Group of Jurassic age. These formations have been intruded by the Bulkley Mountain Batholith, classified as granodiorite, quarta-monzonite and quartz-porphyry of Cretaceous age. Structural deformation by block faulting and folding in the area is common.

A map by T.A. Richards, Consulting Geologist in Smithers, which has been incorporated into the report by Mr. Nordin, shows the generalized relation of these sedimentary series, an apophysys of the Bulkley Intrusive, the structural trend over Mount Thoen and the position of the subject property within the area.

A copy of a map, based on mapping by Mr. Richards, is attached marked Appendix "C".

### MINERALIZATION

The Thoen claims were staked over a narrow silverbearing quartz vein, with minor gold content, which trends westerly and north-westerly across the property. This vein dips southerly at an average of  $55^{\circ}$ .

At the time of my examination, snow cover masked exposures of the vein and prevented access to the tunnel which was reportedly driven westerly from a position near the center of the property.

On February 11, 1983 I had an opportunity to meet with Mr. P.E. Plecash, Consulting Geologist, in Smithers.

Mr. Plecash had spent 10 days during 1980 sampling and mapping the property in behalf of D. Groot Logging Ltd.

Mr. Plecash gave me a copy of a map which he had prepared showing the generalized geology over part of the property and the location and grade of 8 samples he had collected from the True Fissure Vein.

The attached map marked Appendix "D" is a reproduction of Mr. Plecash's (1980) map.

As shown on this map, eight samples were collected along the vein over a distance of 400 meters. I have calculated the arithmetic average of these samples as follows:

	Oz. per	r Ton		
WIDTH	Gold	Silver	% Pb	<u>% Zn</u>
26 inches	0.069	17.16	3.55	4.49

By removing (cutting) the single high gold assay, the average gold content becomes 0.031 oz. gold per ton.

The attachment marked Appendix "E" is a tabulation of the sample and assay results reported by and shown on the map by Mr. Plecash.

#### CONCLUSIONS

- 1. Based on my discussions with Messrs. Plecash and Warren, I am prepared to acknowledge the existance of a narrow quartz vein, mineralized with gold, silver, lead and zinc, even though I was unable to observe it or to collect samples.
- The geophysical survey conducted by Mr. Plecash showed responses on the projected position of the vein beyond the tunnel, extending easterly to and beyond the claim boundary.

### RECOMMENDATIONS

#### PHASE I

Initiate a program of geological mapping, prospecting and geophysical surveying to substantiate the work accomplished by Mr. Plecash in 1980.

#### PHASE II

Depending on the results of this exploration, additional geological mapping, geophysical surveying, and the initiation of geochemical surveying and dozer trenching is recommended.

#### PHASE III

Depending on the results of this second phase of exploration, road construction, and diamond drilling may be warranted.

## COST ESTIMATE FOR THE PROPOSED PROGRAM

### PHASE I

	TOTAL PHASE I	\$	36,000.00
2.	Contingencies @ 20%	_	6,000.00
1.	Geological mapping, prospecting, sampling and geophysical surveying	\$	30,000.00

Contingent on the results of this program -

### PHASE II

0338	Claim staking, geological mapping, prospecting, geophysical and geochemical surveying and dozer trenching	\$ 100,000.00
2.	Contingencies @ 20%	20,000.00
	TOTAL PHASE II	\$ 120,000.00

Contingent on the results of this program -

## PHASE III

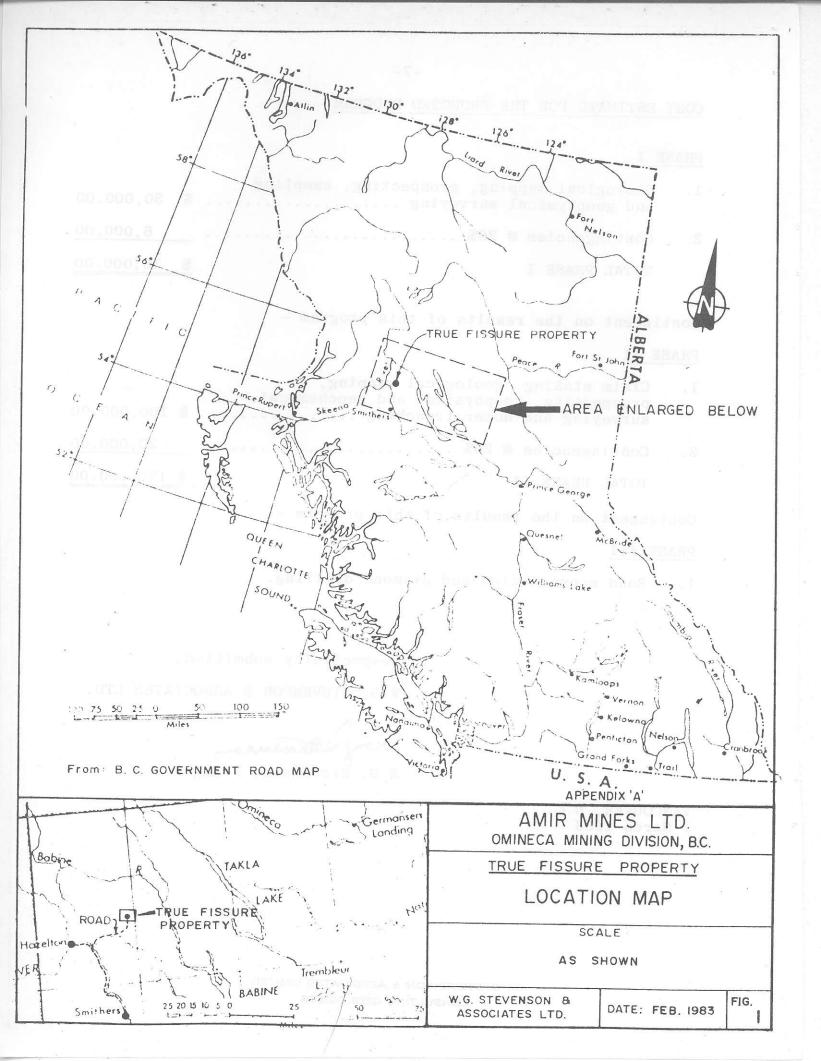
1. Road construction and diamond drilling.

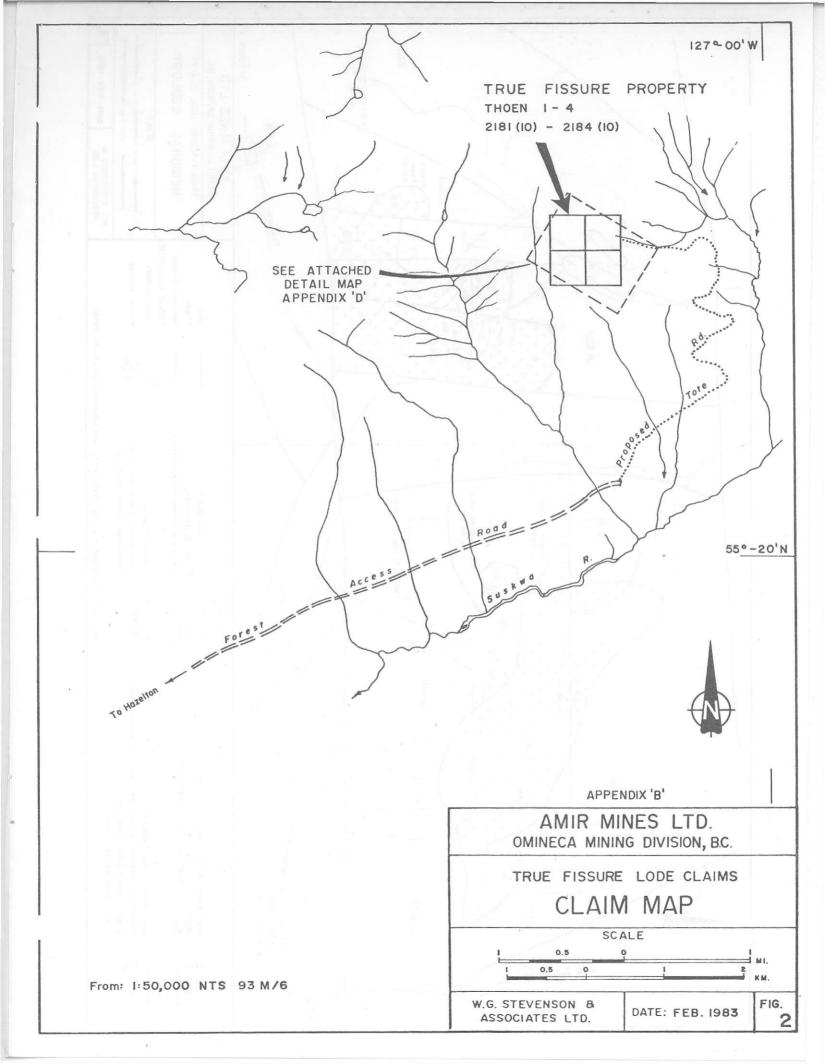
Respectfully submitted,

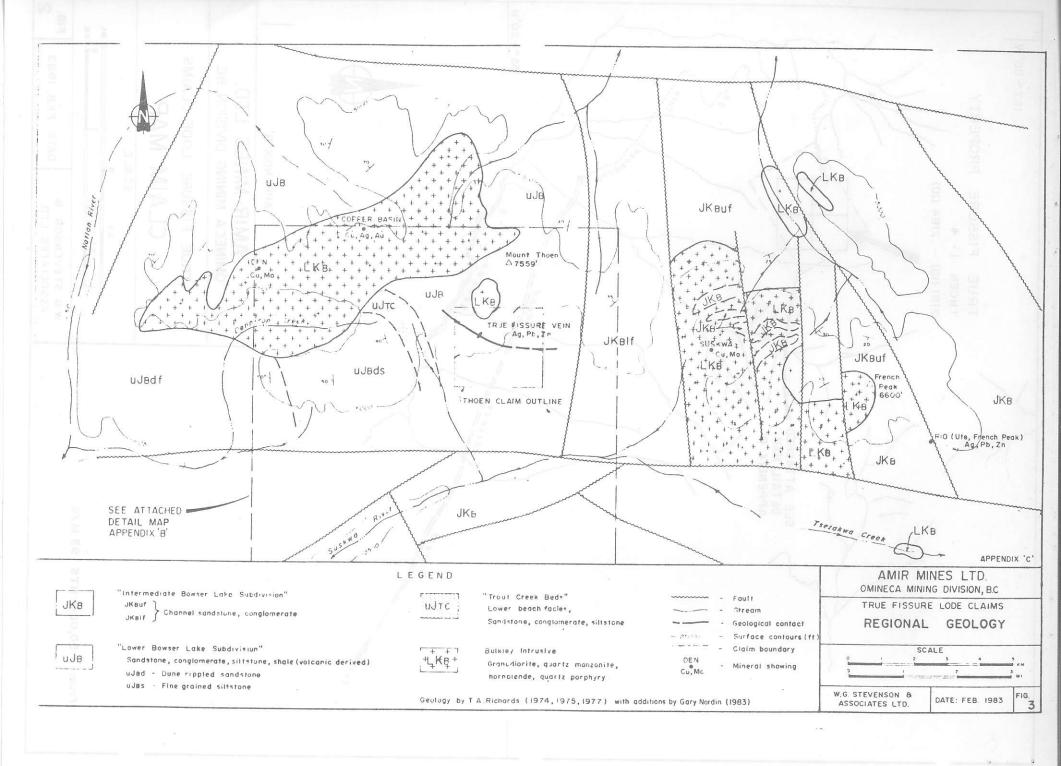
W.G. STEVENSON & ASSOCIATES LTD.

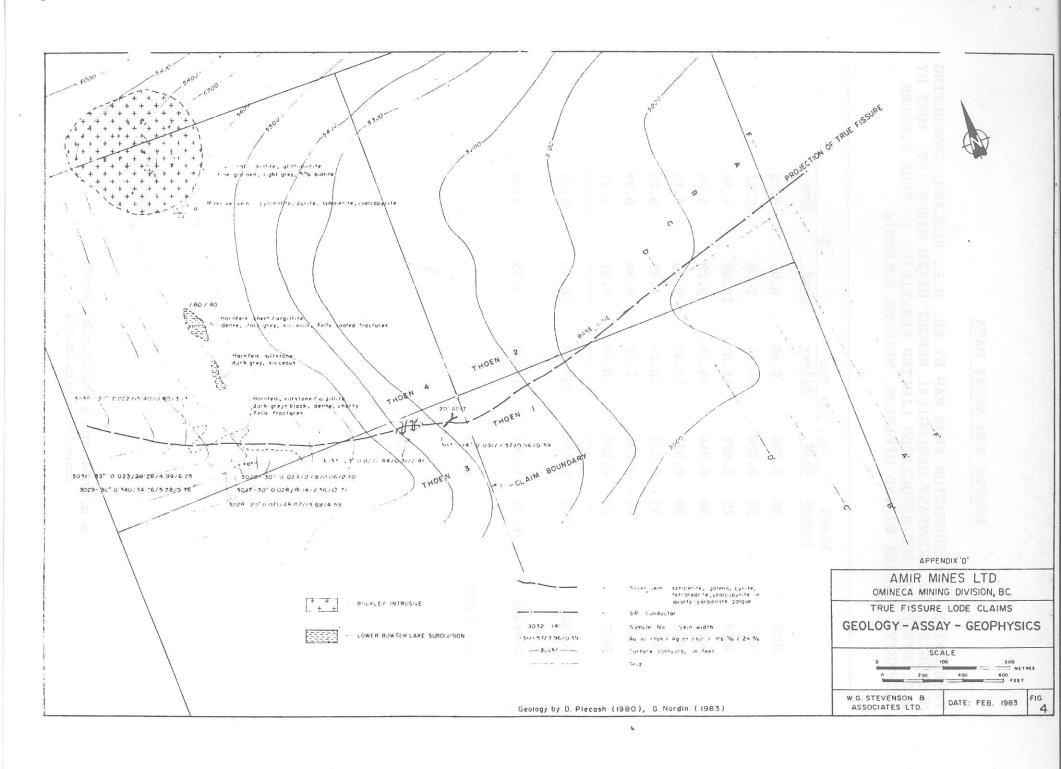
W.G. Stevenson, P.Eng.

VANCOUVER, B.C. 1 March 1983









### SAMPLE AND ASSAY DATA

TABULATION OF INFORMATION FROM MAP BY MR. D.E. PLECASH, CONSULTING GEOLOGIST, TO ACCOMPANY GEOLOGICAL REPORT DATED MARCH 1ST, 1983 BY W.G. STEVENSON AND ASSOCIATES LIMITED PERTAINING TO TRUE FISSURE PROPERTY, OMINECA MINING DIVISION, BRITISH COLUMBIA

	Width	0z.	per Ton	%	
	Inches	Gold	Silver	Lead	Zinc
3026	30	0.024	0.68	0.06	0.70
3067	30	0.028	16.14	2.36	12.71
3028	20	0.071	48.07	13.69	4.59
3029	30	0.340	34.76	5.28	5.76
3030	30	0.022	15.40	0.80	3.13
3031	33	0.023	20.26	4.99	6.25
3032	14	0.031	1.57	0.96	0.39
3033	23	0.020	0.44	0.31	2.41
TOTAL	210	0.559	137.32	28.45	35.94
Average	26.25	0.069	17.16	3.55	4.49
Cut #3029		0.031			