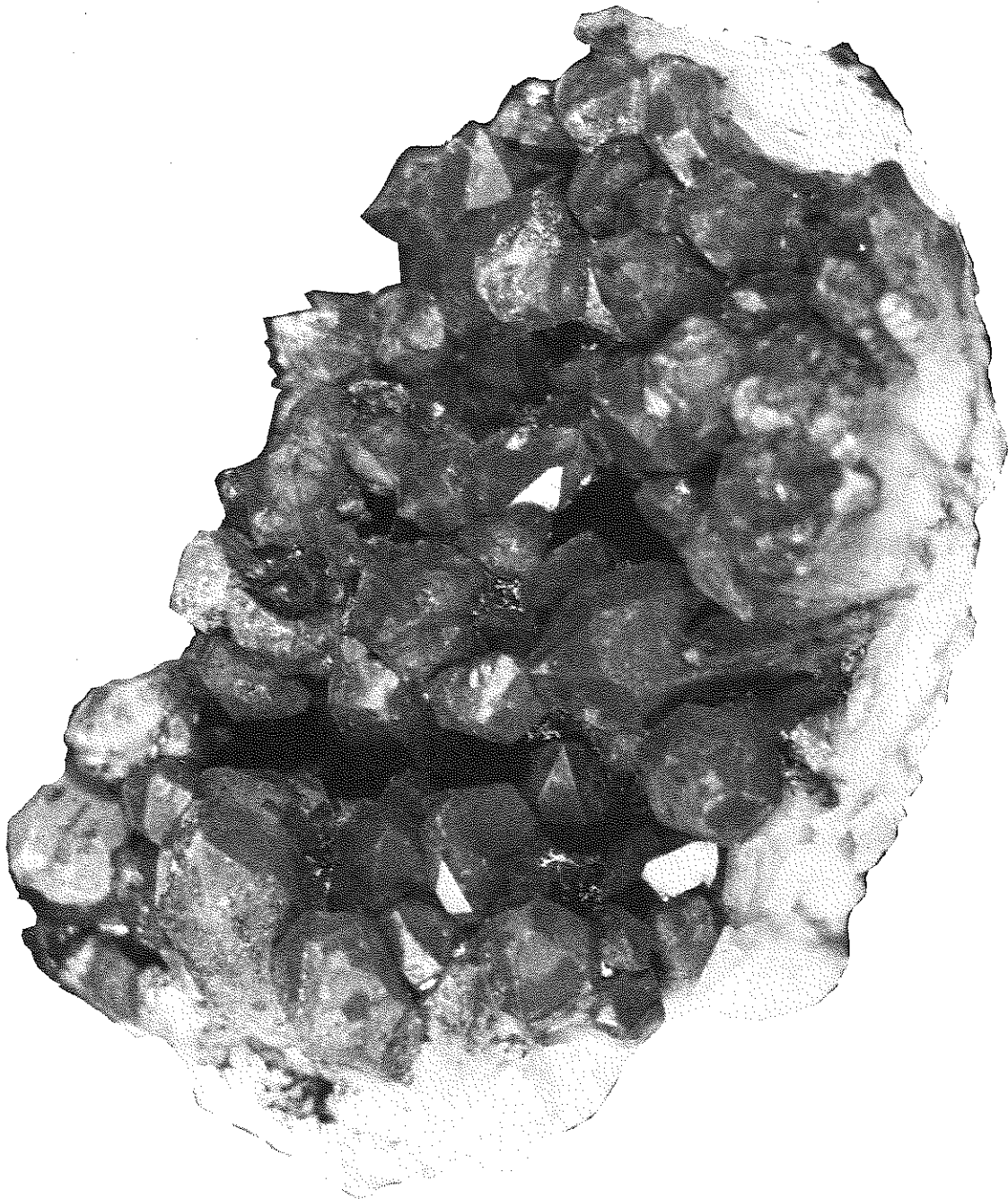


Northwest Territories

Chamber of Mines



*Hematite
stained quartz*

Annual Report 79

Ronald J. Hawkes President's Report, 1979



As I reviewed the reports I have submitted to you at the close of 1977 and 1978, the picture that unfolded to me was one of mounting despair and aggravation. A scene of "ups and downs" and "active opposition" to mineral exploration and development was portrayed. However, the third quarter of 1978 showed a remarkable turn of events. On October 13, 1978 the Minister of Indian Affairs and Northern Development, Honourable Hugh Faulkner, announced the temporary addition of a senior mining advisor's position to his office and the creation of a government — Industry Northern Minerals Advisory Committee.

Since that October 13 turn of events we have seen results of the growth of a healthy atmosphere towards mining in the N.W.T. As mining men, three of the most prominent results must be the encouraging announcements with respect to activities leading to production at the Cominco-Bankeno Arvik lead-zinc deposit, the Echo Bay — Inco Lupin gold deposit and the Noranda-Discovery Camlaren gold deposit. A fourth healthy result, of course, is the continued high level of exploration expenditure in 1979. I estimate that total exploration expenditures this year will match my 1978 estimate of 30 million dollars. I estimate the value of mineral production in 1979 to be greater than 450 million dollars compared to 365 million in 1978 and 294 million in 1977. Indeed, it pleases me to see the industry ending 1979 with this positive atmosphere in which to work and contribute to Canada as a whole and the N.W.T. specifically.

During 1979 the Chamber has been actively representing you, the industry, on many fronts.

Changes, or proposed changes to various regulations consumed many man days of effort. We have established joint government-industry committees or made representation on the Canada Mining Regulations; Land Use Regulations as they affect caribou protection, International Biological Program sites such as Polar Bear Pass; proposed Arctic Wilderness Sites; surface leases; proposed royalty increases; transferral of Mine Safety Inspection; Occupational Health Regulations; and the planned closing of Fort Reliance and Ennadai weather stations.

During the year we initiated or contributed to various studies and reports including the N.W.T.'s

Mining Industry Study 1975-1977, the Northeast Mackenzie Transportation Study, the Northern Minerals Advisory Committee report, and the Mine Rescue study. All are available from the Chamber office.

Your Chamber undertook various activities related to northern employment and training, modular training, and career days. Mining day this year attracted nearly 200 delegates to hear presentations and discussions on properties likely to be developed in the 1980's.

Chamber directors or representatives met with various sister organizations during the year as well as with the Chamber of Commerce, government officials and news media personnel.

The Baker Lake area land withdrawal, Interim Injunction, and subsequent court case involved much of the Chamber's time in late 1978 and early 1979. At the request of the Chamber, approximately 25 representatives of various companies met in Toronto on February 1, 1979, to hear legal counsel and seriously consider attempting to be adjoined to the action by various Inuit groups and individuals against the Minister of Indian Affairs and other Government of Canada representatives.

As a result of this meeting, six companies and the N.W.T. Chamber of Mines attempted to become adjoined to the action. The six companies were accepted. The Chamber was not.

For various reasons other companies did not wish to become party to the case, however some expressed their interest in contributing financial support through the Chamber. In view of this, the Chamber solicited financial support from all of its corporate members. To date approximately \$12,700 have been received and passed on. We understand that our legal fees to date have been in excess of \$200,000.

The decision in the Baker Lake case, handed down by Justice Mahoney was seriously affected by the industry's involvement in the case.

During 1979 a Chamber committee undertook a search for a full time manager for the Chamber. I am pleased to announce that the committee was successful in this search and has employed Mr. Terry Daniels as of November 1.

Earlier in this report I outlined how I see the mining industry ending 1979 on a positive note. I would like to outline for you my predictions of what I see happening to the industry in the next 10 years in the N.W.T. These predictions are based primarily on a "gut feel" as a result of six years in the north, so I caution you to take that into advisement.

- Six new mines will be producing or under development by 1990.

- 1980 mineral production value will top 500 million dollars. 1990 mineral production value will top 1 billion dollars annually.

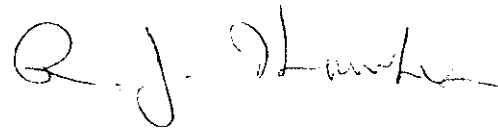
- Exploration expenditures will decline moderately until 1983 after which there will be a dramatic increase to greater than 60 million dollars annually by 1985.

- The mining industry will suffer an acute shortage of personnel by 1985 unless ambitious remedial steps are soon taken.

- Land claim settlements will be consummated or nearly consummated by the end of 1983.

In conclusion, I wish to thank you for the personal support you as members have given me during 1979. Together, I believe, you and your capable board of directors are making the Chamber a more effective, highly creditable voice for the mining industry. I wish to recognize the capable, energetic work Aileen Cassidy has given the Chamber in 1979. I look forward to a great year for the industry in 1980.

Respectfully Submitted,



Ronald J. Hawkes,
President

Northern Mineral Advisory Committee



The Northern Mineral Advisory Committee at the presentation of its report to Northern Affairs Minister Jake Epp in Ottawa on 31 August, 1979.

Standing left to right: Doug Bell, Deputy Commissioner of the Yukon; Bob Eastman, Recording Secretary; Rod Douglas, Cominco; Denis Watson, Director, Yukon Region, DIAND; Ron Hawkes, NWT Chamber of Mines; Barry Shead, NWT Government; Uli Rath, Hudson Bay Mining; Dan MacKinnon, DIAND; John Bonus, Mining Association of Canada; Dave Emery, Giant Yellowknife Mines; Ewan Cotterill, Assistant Deputy Minister, Northern Affairs, DIAND; Jack Patterson, DIAND; Murray Morison,

DIAND, Yellowknife; Bob Shank, EMR; Dr. Ben Baldwin, Shell Canada Resources; Dr. W. G. Jeffery, Assistant Deputy Minister, EMR; Dr. Harry Woodward, DIAND.

Seated: Bill Irvine, Executive Secretary; the Hon. Jake Epp, Minister of Indian Affairs and Northern Development; Chairman John Bruk, Cyprus Anvil Mining; Vice-Chairman Bob Cathro, B.C. and Yukon Chamber of Mines.

Unable to attend: Doug Patriquin, NWT Government; Ron Granger, President, Yukon Chamber of Mines; Cam Ogilvy, Manager, Yukon Chamber of Mines; Robert Horal, Director, NWT Region, DIAND.

Northern Mineral Advisory Committee Policy Recommendations

The Northern Mineral Advisory Committee has formulated and presented to the Minister the following eight principles of policy:

1. Role of the Non-Renewable Resources

The Government of Canada will foster, promote and encourage prospecting, exploration and mining in the Yukon and Northwest Territories in recognition of the fundamental and major role of non-renewable resources in the economic and social development of the North. The Committee supports the principle that economic development of the North must proceed with full recognition of the legitimate interests of Northern people and the protection of the environment.

2. Consultation

In support of the above declaration, the Government of Canada undertakes to establish means for continued consultation with the mineral industry preceding and during the development of legislation and regulations related to northern mineral development.

3. Mineral Tenure

A preferred option with respect to the reservation of surface lands for any parties is that all mineral rights remain vested in the Crown. Although some mineral alienation may occur in the Committee for Original People's Entitlement (COPE) settlement, the committee does not regard this part of the agreement as an essential element in land settlements. This is not inconsistent with achieving a broad equity between settlements, but such equity does not mean that any one settlement should be considered a precedent because of the wide variability of conditions throughout the North. The Committee recognizes that there will be areas where economic development is prohibited or restricted. These lands should consist of only the minimum area required to achieve the objective, and their selection should take into account their potential mineral value.

4. Access

Access to mineral rights and to non-alienated areas should be maintained, notwithstanding any subsequent alienation of the surface rights. On all lands where development is not prohibited, access

should be assured for prospecting, staking, exploring and developing mineral resources.

5. Land Use

Land use policy should endeavour to achieve and maintain a balance between economic development and environmental protection. The Committee recognizes that reasonable and positive efforts must be made by all parties to minimize disturbance of the natural environment.

6. Incentives for Northern Mining

Administrative and fiscal terms and conditions established by the Crown with respect to the disposition and use of the mineral rights should provide to individuals and corporations incentives which are commensurate with the difficulties and risks of finding, exploring, developing and operating mines in Canada's North.

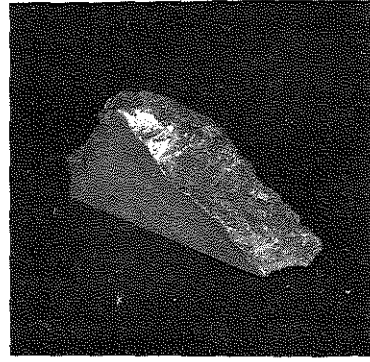
7. Participation by Northern Residents

Northern people will be encouraged by both government and industry to participate in Northern Canada's mining industry.

8. Infrastructure

The Government of Canada will assist in the development of efficient and economical modes of transport and other forms of infrastructure in the North.

High grade silver



Employment and Training Recommendations

The Committee appointed by the directors of the Chamber of Mines to look into this question consisted of: A. D. MacPhail of the Northwest Territories Chamber of Mines, C. F. Lambert, Cominco Ltd., R. Look, Government of the Northwest Territories, Aileen Cassidy of the N.W.T. Chamber of Mines.

The Committee was formed because of a request by the participants at the seminar on Northern Employment and Training in the Mineral Industry held on October 15, 1978. The terms of reference given to the Committee were as follows:

- The Committee will seek a commitment from the Chamber of Mines, the Mining Industry, and Government with respect to the training and employment of Northern residents.
- The Committee will continue to work towards awareness of the mineral industry employment opportunities through communication with Northern residents.
- The Committee will continue to encourage commitment from mineral industry companies towards hiring Northern residents.
- The Committee will make recommendations to Government on the training and employment of Northern residents.

Recommendations

1. That the Chamber of Mines encourage and organize speaking engagements in the N.W.T. to go into schools and settlements to explain mining and the types of work available in a mining operation.
2. That the Chamber of Mines initiate a meeting between appropriate government agencies and mining personnel to establish guidelines and working procedures with respect to hiring and placement of Northerners.
3. That the Government in consultation with the industry set up a Government Miners Training School at an existing mine where Northern residents would be trained in the basic concept of mining. Graduates from this school will be available to all mines in the Northwest Territories.

4. That the Chamber of Mines encourage the Department of Education to include a Mineral Awareness program in all schools in the Northwest Territories. The Chamber should actively support this program with documents, photographs and knowledge of the industry.

5. The Committee felt that it would be a good idea to restart the Claim Stakers Course.

Baker Lake Court Action

The NWT Chamber of Mines actively supported the defendants in the Baker Lake Court Action. A summary of the findings of Mr. Justice Mahoney follows:

1. That the plaintiffs have aboriginal title to certain lands in the Baker Lake area.
2. That the aboriginal title enjoyed by the plaintiffs is not a proprietary right but rather a right to hunt and fish.
3. That where mining activity is carried on pursuant to competent legislation, the aboriginal title of the Inuit is diminished.
4. Mining companies do not constitute substantial or significant interference with the caribou.

The Chamber collected an amount of \$10,700 to October 31st, 1979.

List of Contributors

St. Joseph Explorations
Giant Yellowknife Mines
SERU Nucleaire
Metallgesellschaft
Hudson Bay Mining & Smelting

Polaris Mine Project

On November 5, 1979, Cominco Ltd. announced it will proceed with the development of the "Polaris" zinc-lead ore deposit of Arvik Mines Ltd. at a cost of approximately \$150 million. The announcement followed an agreement reached with the Government of Canada with respect to the conditions under which this deposit can be developed.

The ore deposit is located on Little Cornwallis Island, approximately 60 miles northwest of Resolute. It contains estimated ore reserves of 23,000,000 metric tons with a grade of 14.1% zinc and 4.3% lead. In terms of metal production the mine will be the eleventh largest zinc-lead producer in the world.

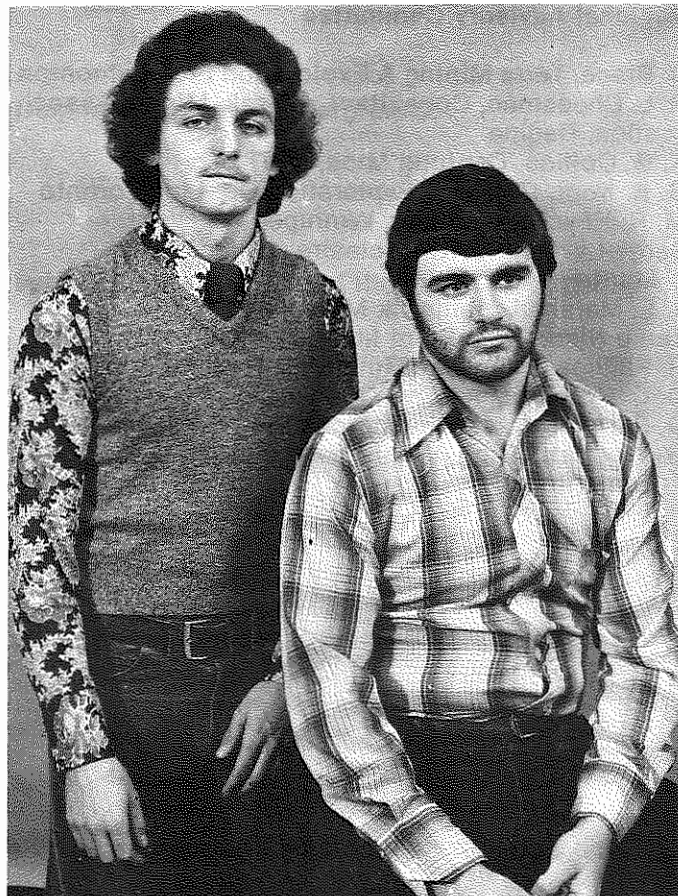
Production is expected to start early in 1982 and to continue for at least 20 years. Cominco hopes to obtain a significant portion of the labour force for the mine from residents of the Arctic.

Scholarships

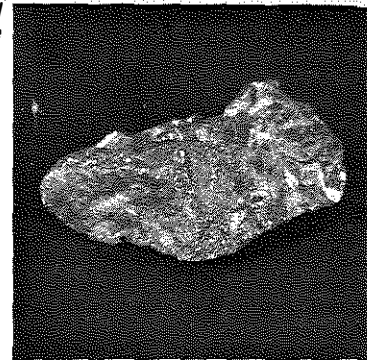
Kelvin Pankiw (left) and Brian LeBlanc (right), are recipients of the Byrne, Larkin, Magrum Memorial Scholarships this year at Haileybury School of Mines, in Ontario.

Kelvin Pankiw from Saskatoon, Saskatchewan, is enrolled in the first year of the three-year Mining Technology program. His grade point average was 2.49 in the mid-term examinations. This financial assistance has been of great help to him.

Brian LeBlanc is a mature (25) married student who comes from Atikokan. After a few years mining experience with Steep Rock Mines at Atikokan and Giant Yellowknife Mines, Yellowknife. Brian is an excellent student, receiving maximum grade point average of 4.0 (with all A's) on his recent mid-term exams.



Galena and
chalcopyrite



Board and Committee Members

Board of Directors — 1979

President — Ronald J. Hawkes, Assistant Manager, Noranda Exploration Co.

Vice President — Robert W. Spence, Exploration Superintendent, Giant Yellowknife Mines

Treasurer — Anthony Shearcroft, Mining Contractor

Secretary — Charles Vaydik, Prospector

Past President — A. David MacPhail, Manager, Con Mine, Yellowknife

Directors — Roderick P. Douglas, Cominco Group Vice President, Yellowknife; David J. Emery, President, Giant Yellowknife Mines; Jean Buck, Manager, Wardair Canada, Yellowknife; William G. Knutsen, President, Precambrian Mining Services Ltd.; John Zigarlick, President, Echo Bay Mines Ltd.

Regional Advisory Committee

D. Brace, Terra Mining & Exploration Ltd., Edmonton
R. L. Cheesman, Consultant, & Sask. Mining Association, Regina

K. G. Collins, Cantung Mine, NWT

G. R. Kent, Conwest Exploration Co. Ltd., Toronto

M. R. Keys, Consultant, Winnipeg

Serge Lavoie, SERU Nucleaire (Canada) Ltd., Montreal

J. E. Marshall, Nanisivik Mine, NWT

Zarko Nikic, Pine Point Mine, NWT

R. Phillips, Echo Bay Mine, Port Radium, NWT

D. C. Rotherham, Canex Placer Ltd., Vancouver

D. Sawyer, Norcen Resources Ltd., Calgary

G. Woollett, Trigg, Woollett Consulting Ltd., Edmonton

Board of Directors — 1980

President — Ronald J. Hawkes, Manager, Noranda Exploration Co. Ltd. Yellowknife

Vice President — Robert W. Spence, Exploration Superintendent, Giant Yellowknife Mine

Treasurer — Anthony Shearcroft, Mining Contractor

Secretary — Chuck Vaydik, Prospector

Past President — A. David MacPhail, Manager, Con Mine, Yellowknife

Directors — Max Braden, Partner, Braden Burry Expeditors, Yellowknife; Jean Buck, Manager, Wardair Canada, Yellowknife; Rod Douglas, Cominco Group Vice President, Yellowknife; David J. Emery, President, Giant Yellowknife Mines, Yellowknife; Brian Weir, President, Barren Lands Exploration Services Ltd.

Mining Report — N.W.T. — 1979

CANTUNG completed the mill enlargement programme and the mill was approaching designed capacity at the end of the year.

	Tons Milled	Production stu W ₀₃
1979	271,559	361,015
1978	194,740	318,085

CON continued to move services from "C" Shaft area to Robertson and the new Shops and Warehouse complex was 90% complete at year end. A new back fill and cement plant at the mill site was completed.

	Tons Milled	Production oz Au	oz Ag
1979	216,530	94,916	20,333
1978	219,981	114,487	30,503

ECHO BAY maintained production from the Eldorado Mine and dewatered the shaft to the 11th Level. No. 3 Adit (old Echo Bay Mine) was deiced and the Contact Lake Mine was reopened to recover some known ore and to carry out exploration.

	Tons Milled	Production oz Ag	lbs. Cu
1979	39,869	1,971,149	519,638
1978	37,278	2,299,798	524,339

GIANT YELLOWKNIFE continued routine production from open pits and underground.

	Tons Milled	Production oz Au	oz Ag
1979	416,256	75,109	14,370
1978	396,657	95,409	24,415

NANISIVIK a new adit, (decline) was completed from surface to the east end of the mine workings.

	Tons Milled	Production lbs. Pb	lbs. Zn	lbs. Cd	oz Ag
1979	678,633	16,858,576	168,235,231	525,341	1,068,369
1978	633,067	15,959,099	160,926,982	519,406	962,940

PINE POINT commenced using the dragline in stripping operations. Production ceased in the X-15 open pit.

	Tons Milled	Production lbs. Pb	lbs. Zn
1979	3,290,992	118,959,340	332,386,180
1978	3,152,286	163,696,540	357,070,280

TERRA AND NOREX operations continued intermittently due to lack of ore. Work on borehole ventilation and production shafts was suspended.

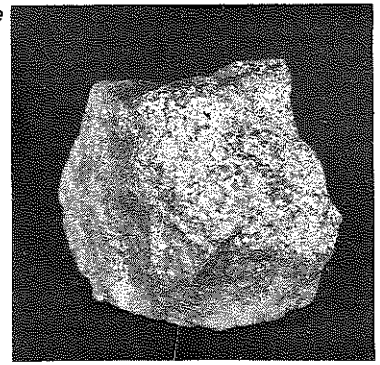
	Tons Milled	Production oz Ag	lbs. Cu	lbs. Pb
1979	33,950	360,337	648,907	—
1978	36,403	1,434,335	91,017	170,543

LUPIN PROJECT (near Contwoyto Lake). Echo Bay commenced work on this project by driving a decline.

Metal Production Summary

Gold	1979	170,025	oz	\$	61,566,053
	1978	209,896	oz		50,584,936
Silver	1979	3,434,558	oz		45,061,401
	1978	4,766,991	oz		29,603,014
Copper	1979	1,168,545	lbs		1,271,377
	1978	615,416	lbs		455,408
Lead	1979	135,817,916	lbs		81,748,804
	1978	179,826,182	lbs		65,816,383
Zinc	1979	500,621,411	lbs		217,119,506
	1978	517,997,262	lbs		176,119,069
Cadmium	1979	525,341	lbs		1,502,475
	1978	519,406	lbs		1,168,663
Tungsten	1979	361,015	stu		53,069,205
	1978	318,085	stu		41,351,050
TOTAL METALS	1979			\$	461,338,821
	1978				365,098,523

High grade scheelite



Auditors' Report

To the Members of the Northwest Territories Chamber of Mines.

We have examined the Balance Sheet of the Northwest Territories Chamber of Mines as at October 31, 1979 and the Statement of Revenue and Expenditure for the year ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, this Financial Statement presents fairly the financial position of the Society as at October 31, 1979 and the results of its operations for the year then ended in accordance with generally accepted accounting principles applied on a basis consistent with that of the preceding year.

HINCHEY & COMPANY
Certified General Accountants

December 3, 1979

Balance Sheet **October 31, 1979**

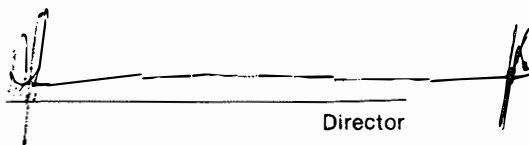
Assets

	1979	1978
Current Assets		
Cash (Note 2)	\$61,264	\$15,504
Prepaid and Accrued	1,389	24
Grants Receivable (Note 3)	—	10,000
	<u>62,653</u>	<u>25,528</u>
Fixed Assets — at cost		
Office Equipment	1,715	1,715
Less Accumulated Depreciation	<u>1,212</u>	<u>1,086</u>
	503	629
Total Assets	<u><u>\$63,156</u></u>	<u><u>\$26,157</u></u>

Liabilities and Society's Equity

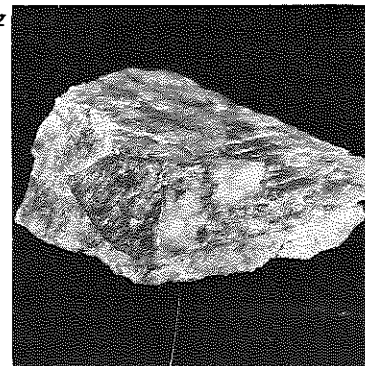
Current Liabilities		
Accounts Payable	\$ 1,124	\$ 741
Members Dues Paid in Advance	—	10
Deferred Revenue	—	6,325
	<u>1,124</u>	<u>7,076</u>
Society's Equity		
Balance at Beginning of Year as previously reported	9,081	4,263
Adjustment of Revenue (Note 3)	<u>10,000</u>	<u>—</u>
As Restated	19,081	4,263
Excess of Revenue over Expenditure	<u>42,951</u>	<u>14,818</u>
	62,032	19,081
Total Liabilities and Society's Equity	<u><u>\$63,156</u></u>	<u><u>\$26,157</u></u>

Approved:



Director

Native gold in quartz



Statement of Revenue and Expenditure for the year ended October 31, 1979

	1979	1978
Revenue		
Geoscience Forum	\$ 4,293	\$ 3,717
Government Grants (Note 4)	30,000	26,250
Government Contract (Note 6)	14,325	2,675
Membership Dues (Note 5)	41,436	19,149
Mining Day Contributions	8,464	6,140
Interest	4,745	357
Prospector's Course	—	500
	<u>103,263</u>	<u>58,788</u>
Expenditure		
Advertising and Promotion	1,625	874
Annual Meeting	108	72
Communications	3,016	881
Delegates	5,788	7,019
Depreciation	126	157
Geoscience Forum	4,031	3,341
Insurance	40	40
Library and Maps	49	67
Luncheons	318	541
Mining Awareness Program	2,500	6,480
Mining Day	7,910	6,121
N.W.T. Mining Industry Study	12,184	2,675
Office	1,408	970
Photocopies	701	1,204
Professional Fees	875	2,360
Rent	4,875	3,000
Salaries and Benefits	14,639	8,018
Scholarships and Awards	119	150
	<u>60,312</u>	<u>43,970</u>
Excess of Revenue over Expenditure	<u>\$ 42,951</u>	<u>\$14,818</u>

Notes to the Financial Statement

Note 1 Accounting Policies

(a) Depreciation of fixed assets has been recorded on the diminishing balance method at the following rate:

Equipment — Office 20%

(b) Prior year figures shown for comparative purposes have been restated where applicable to conform to current presentation.

Note 2 Cash

	1979	1978
Cheques Issued in Excess of Deposits	(\$ 7,371)	(\$ 9,963)
Savings Account	18,635	24,467
Term Deposits	50,000	1,000
	<u>\$61,264</u>	<u>\$15,504</u>

Note 3 Adjustment of Prior Years Income

During the 1979 fiscal period, the Chamber received an additional \$10,000 grant from the Minister, D.I.A.N.D. which was for the 1978 fiscal period. Retroactive effect has been given in these financial statements to this adjustment, which increases the Revenue — Government Grants by \$10,000.

Note 4 Government Grants

	1979	1978
Department of Economic Development	\$10,000	\$ 6,250
Minister, D.I.A.N.D. (Note 3)	20,000	20,000
	<u>\$30,000</u>	<u>\$26,250</u>

The grant from Economic Development was for advertising and promoting the mining industry in the N.W.T.

The funds from D.I.A.N.D. are provided to the Northwest Territories Chamber of Mines as an annual operating grant.

Note 5 Membership Dues

	1979	1978
Regular Dues		
Corporate	\$36,851	\$17,979
Individual	485	520
Associate	4,100	650
	<u>\$41,436</u>	<u>\$19,149</u>

In addition to the above dues a special contribution of \$10,700 was received from some members and disbursed in full towards defraying legal costs relative to the Baker Lake Court Case.

Note 6 Government Contract

During 1978 the Northwest Territories Chamber of Mines entered into a \$17,000 Contract with Northern Economic Planning, D.I.A.N.D. in order for Price Waterhouse Associates, Vancouver, to conduct a study of the N.W.T. Mining Industry. This contract was started in 1978 but was not completed until 1979.

Corporate Membership

AGIP Canada Ltd.
 Alberta Energy Company Ltd.
 AMAX Northwest Mining Company
 Anglo United Development Corp.
 Aquitaine Company of Canada Ltd.
 Brinex
 Canada Tungsten Mining Corp.
 Canadian Nickel Company Limited
 Canadian Superior Exploration
 CDC Oil & Gas Limited
 Central Patricia Gold Mines
 Chevron Standard Limited
 Cominco Exploration
 Cominco Northern Group
 Con Mine
 Cyprus Anvil Mine
 Du Pont of Canada Exploration
 Echo Bay Mines Ltd.
 Eldorado Nuclear Limited
 Essex Minerals Company
 Esso Resources Canada Limited
 Giant Yellowknife Mines
 Halferdahl & Associates Ltd.
 Highwood Resources Ltd.
 Hudson Bay Mining & Smelting Co. Ltd.
 Kennco Explorations (Western) Limited
 Metallgesellschaft Canada Ltd.
 Newmont Exploration of Canada
 Noranda Exploration Company Ltd.
 Norcen Energy Resources
 Pan Ocean Oil Ltd.
 Pine Point Mines
 Precambrian Shield Resources — Earl Curry
 Rayrock Resources Limited
 S.E.R.U. Nucleaire Canada Limitee
 Shell Canada Resources Ltd.
 St. Joseph Explorations
 Strathcona Mineral Resources
 — Nanisivik Mines
 Texasgulf Inc.
 Trigg, Woollet Consulting Ltd.
 Union Carbide Limited
 Union Oil Co. of Canada Ltd.
 Urangesellschaft Canada Ltd.
 Western Mines Limited

Service & Supply Membership

Atlas Copco Canada Ltd.
 Bank of Montreal
 Barren Lands Exploration Service Ltd.
 Braden Burry Expediting Services
 Canadian Imperial Bank of Commerce
 Connors Drilling
 HEWITT
 Knud Rasmussen Drilling & Blasting
 Koenen's Air Service Limited

La Ronge Aviation Service Ltd.
 Midwest Drilling
 North Water Navigation Ltd.
 Northern Canada Power Commission
 Precambrian Mining Services Ltd.
 Robinson's Trucking
 Sutherlands Drugs
 Wajax Industries Ltd.
 Wardair Canada
 Weaver & Devore Trading Ltd.
 Y.K. Foods
 Yellowknife Inn

Individual Membership

Allan, J. Rupert, Taiga Consultants Ltd.
 Anderson, Lloyd
 Belanger, A. R., Atlas Copco Canada Ltd.
 Braden, Esther
 Break, Dennis, Continental Petroleum Rubber
 Co. Ltd.
 Buck, J., Wardair
 Carroll, Robert
 Case, W. A.
 Cheesman, Dr. Ralph
 Chip, Ed, Resource Associates of Alaska
 Covello, L.
 Davis, James W., Taiga Consultants Ltd.
 Doucette, John
 Douglas, R., Cominco Northern Group
 Emery, D., Giant Yellowknife Mines
 Exley, G.
 Fair, J., Robinson's Trucking
 Farren, J.
 Gamble, Don, C.A.R.C.
 Hawkes, R. J.
 Henderson, S. L., Bucyrus Erie
 Hill, Dick
 Hinchey, Grant, Hinchey & Company
 Hoffman, Barry, Resource Associates of Alaska
 Holden, Bill
 Humphries, Walter
 Knutsen, B., Precambrian Mining Services Ltd.
 Macrae, Rod
 MacPhail, D., Con Mine
 Read, Alan
 Redshaw, Art
 Rudolph, Fen
 Seed, David W., President
 Delta Smelting & Refining Co.
 Shearcroft, Tony
 Smith, Arnold
 Spence, R. W., Giant Yellowknife Mines
 Suginochara, M., PNC Exploration (Canada) Co.
 Vaydik, Chuck
 Warner, Glen, Bathurst Inlet Developments
 Watson, Brian
 Whalley, John F., Canada Colors and Chemicals
 Wilton, H. Paul
 Wood, A. Roalco Ltd.