

THE ASSOCIATION OF EXPLORATION GEOCHEMISTS



President:

R. L. Erickson
United States Geological Survey,
Federal Center
Denver, Colorado 80225

NEWSLETTER #8

Vice Presidents:

E. M. Cameron
Geological Survey of Canada
601 Booth St.
Ottawa 4, Ontario

H. E. Hawkes
RFD 2, Box 162-5
Orleans, Vermont 05860

Secretary:

H. Bloom
Geology Department
Colorado School of Mines
Golden, Colorado 80401

Treasurer:

R. F. Horsnail
AMAX Exploration, Inc.
601-535 Thurlow St.
Vancouver 5, B.C.

Councillors:

R. W. Boyle
P. M. D. Bradshaw
J. A. Coope (ex-officio)
F. C. Canney
I. L. Elliott
C. F. Gleeson
J. A. Hansuld (ex-officio)
C. J. Lepeltier
M. B. Mehrrens
I. Nichol
A. W. Rose
F. N. Ward

By now the membership should have received their first free issue of our Journal of Geochemical Exploration. Apparently there have been some problems in mailing so that the time of receipt of the Journal in various parts of the world has been rather erratic. Our Editor and Secretary have been in touch with Elsevier, and hopefully succeeding issues will arrive on time. Overall I am most pleased with the format and quality of the Journal. I am sure I speak for the entire membership in congratulating Dr. Cameron, Editor-in-Chief, and his staff for an outstanding effort in what must have been a difficult and frustrating task in getting a new journal underway. Please remember that the continued success of our Journal depends upon the interest and support of the membership, particularly in providing a smooth flow of good papers for publication. In a very direct way, to insure the success and excellence of our Journal is to insure the success and acceptance of exploration geochemistry. I urge all of you who have the makings of an interesting and informative paper in exploration geochemistry to make a special effort to submit a manuscript to our Editor-in-Chief, or at least to inform him of when he may expect a manuscript from you. Contributors to the Journal need not be members of AEG.

If any of you who were members in good standing in 1972 have not received the Journal, please notify Secretary Bloom and be sure to include your correct address.

Officers Elect, 1973-74

At a council meeting held at Golden, Colorado, October 19, 1972, the following members were elected to the Executive for 1973-74:

President-----Ian Nichol
Vice President--R. B. Boyle
Secretary-----R. F. Horsnail
Treasurer-----H. Bloom

These officers elect will take office at the Annual General Meeting in April 1973.

1973 AGM

The Annual General Meeting of AEG will be held at 2:00 p.m., Tuesday, April 17, 1973, in the Garibaldi Room Hotel Vancouver, Vancouver, B.C. The CIM meetings are also scheduled in Vancouver April 15-18, 1973.

Student Membership Fees

Council has voted that subscription to the Journal of Geochemical Exploration is not mandatory for student members of AEG. They will be granted the option to subscribe or not subscribe. Journal subscription is mandatory and is included in membership billing for all other classes of membership.

1974 Symposium

The Symposium organizing committee (I. L. Elliott, Chairman) announces that the Symposium will be held at the Hyatt Regency Hotel, Vancouver, B.C., Monday, April 1 through Thursday, April 4, 1974. The first circular should reach prospective delegates about mid-January 1973.

Applications for Membership

Applications from the following persons and corporate bodies have been approved by the Admissions Committee and ratified by Council:

Members: Anthony, L. M., Professor of Mineral Exploration, University of Alaska
Bose, S. K., Geochemist, United Nations
Cathrall, J. B., Assistant Professor of Geology, Northfield, Vermont
Cruft, E. F., President, International Mineral Expl. & Mng. Co.
Good, R. S., Geologist, Virginia Division of Mineral Resources
Granier, C. L., Consulting Geochemist, France
Hahn, L., Geologist, German Geological Survey
Jaffe, F. C., Professor of Economic Geology, Geneva
Kahler, D. E., Project Geologist, Dresser Industries, Inc.
Kulms, H., Geochemist, Argentina
Lehnertz, C. A., Jr., Consulting Exploration Geologist, Denver, Colo.
Lord, F. R., Supervising Geochemist, Australia
McKillen, T. N., Geologist, Dublin
Mehrotra, P. N., Exploration Geologist, Toronto
Muller, A., Exploration Geochemist, Federal Geological Survey, Germany
Ong, H. L., Consultant/Teaching, Indonesia
Schlottmann, J. D., Exploration Geologist, Rioamex, Denver, Colo.
Shikawa, M., Professor of Geology, Akita University
Steininger, R. C., Staff Geologist/Exploration, Climax Molybdenum Co.
Subramanian, V., Geologist, Madras, India
Trost, P. B., Geochemist, Denver, Colo.
Wallace, S. R., Director of Exploration, Mine Finders, Inc., Denver, Colo.
Zantop, H., Senior Exploration Geologist, Galicia, Spain

Affiliate Members: Tam, H. H., Chemist, Amax Exploration, Inc.

Student Members: Fu-Tzu, H., Penn State University
Lusty, Q. C., Colorado School of Mines
Newell, R. A., Stanford University
Olade, M. A., University of British Columbia
Sektheera, M. S., ITC, Delft, The Netherlands

Corporate Members: Barringer Research Ltd., Rexdale, Ontario, Canada
Falconbridge Nickel Mines Ltd., Toronto, Ontario, Canada
British Newfoundland Expl. Ltd., Montreal, Quebec, Canada
Newmont Exploration Ltd., Danbury, Connecticut
Newmont Mining Corp. of Canada, Toronto, Ontario, Canada
St. Joe Minerals Corporation, Princeton, New Jersey
Rio Tinto Canadian Expl. Ltd., Toronto, Ontario, Canada
Canadian Johns-Manville Co., Ltd., Asbestos, Quebec,
Canada
Bondar-Clegg & Co., Ltd., Ottawa, Ontario, Canada
Amax Exploration, Inc., Toronto, Ontario, Canada
GX Labs, Inc., Golden, Colorado
X-Ray Assay Laboratories Ltd., Don Mills, Ontario, Canada
Humble Oil & Refining Co., Denver, Colorado
Union Miniere Expl. & Mng. Corp., Don Mills, Ontario,
Canada
Imperial Oil Limited, Vancouver, British Columbia, Canada
Kennecott Exploration, Inc., Salt Lake City, Utah
Selco Mining Corp., Ltd., Toronto, Ontario, Canada
Resources Associates of Alaska, College, Alaska
Soquem, Ste. Foy, Quebec, Canada
Metallgesellschaft AG, Reuterweg, West Germany

Ballot for Election of Ordinary Councillors

Voting members will find enclosed with this Newsletter your ballot for selecting the incoming Council. Please remember that by Constitutional Amendment, the period of office of each Ordinary Councillor shall be 2 years, and half the total number of Ordinary Councillors, or such larger number as may be required to constitute a full compliment of Ordinary Councillors, shall be elected each year. Also attached to the ballot is a brief resume of each candidate.

Dues Reminder

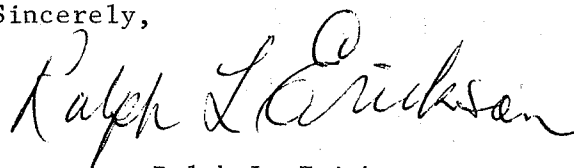
Billing for 1973 membership fees accompanied Newsletter #7, September 19, 1972. Please remember that membership fees are payable in advance on January 1 of the calendar year. In order to update our records, I ask those of you who have not yet remitted your 1973 fees to please include your present position as well as address on the return portion of your billing.

Bibliography

The 1972 Supplement to Exploration Geochemistry Bibliography prepared by Herb Hawkes and his committee is now available in Xerox preprints at a cost of \$1.00 each from M. B. Mehrtens, Rio Tinto Exploration, 120 Adelaide Street West, Toronto. This bibliography and index is a supplement to the Bibliography of Exploration Geochemistry, 1965-1971, published as Special Volume No. 1 by the Association of Exploration Geochemists. This publication is still available from the AEG at a cost of \$5.00 from Mr. Mehrtens. As before, an attempt has been made to put together a complete collection of all the generally available literature on geochemistry as applied in exploration for minerals, exclusive of petroleum. The emphasis has been on applications. Various aspects of geochemistry that might be significant and important to research workers in ore genesis or exploration technology have not been included, partly because the limits of such fields of interest would have been almost impossible to define, and partly because such coverage would have involved at the very least some five times the present number of citations. This list differs from the previous bibliography only in including abstracts of unpublished articles. As before, newspaper articles and privately distributed reports have not been included, and Russian citations are included only where an English-language translation or substantive abstract is available. No attempt is made to provide complete coverage of radiometric prospecting, or the geochemistry of isotopes, sea-floor deposits, geothermal energy, and pollution.

Source material is Chemical Abstracts (through vol. 77, no. 22), Bibliography and Index of Geology (through September 1972), IMM Abstracts (through September 1972) and the private files of Committee members. Throughout the list, the abbreviation "CA" refers to synopses of papers published in Chemical Abstracts.

Sincerely,



Ralph L. Erickson

THE ASSOCIATION OF EXPLORATION GEOCHEMISTS



President:

R. L. Erickson
United States Geological Survey,
Federal Center
Denver, Colorado 80225

January 10, 1973

Election of Councillors 1973

Vice Presidents:

E. M. Cameron
Geological Survey of Canada
601 Booth St.
Ottawa 4, Ontario

H. E. Hawkes
RFD 2, Box 162-5
Orleans, Vermont 05860

Secretary:

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Colorado School of Mines
Golden, Colorado 80401

The following persons have been nominated to stand for election as Ordinary Councillors for a 2-year term (1973-74). You are asked to vote for up to 7 by striking out the names of persons for whom you do not wish to vote. The 5 nominees receiving the highest number of votes will serve a 2-year term. The 2 nominees receiving the sixth and seventh highest number of votes will serve for 1 year to complete the unexpired 2-year term of Ian Nichol and R. W. Boyle, President and Vice-President Elect, respectively, of A.E.G. for 1973. As Past Presidents, J. A. Hansuld and R. L. Erickson will be ex-officio members of Council.

Treasurer:

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F. N. Ward

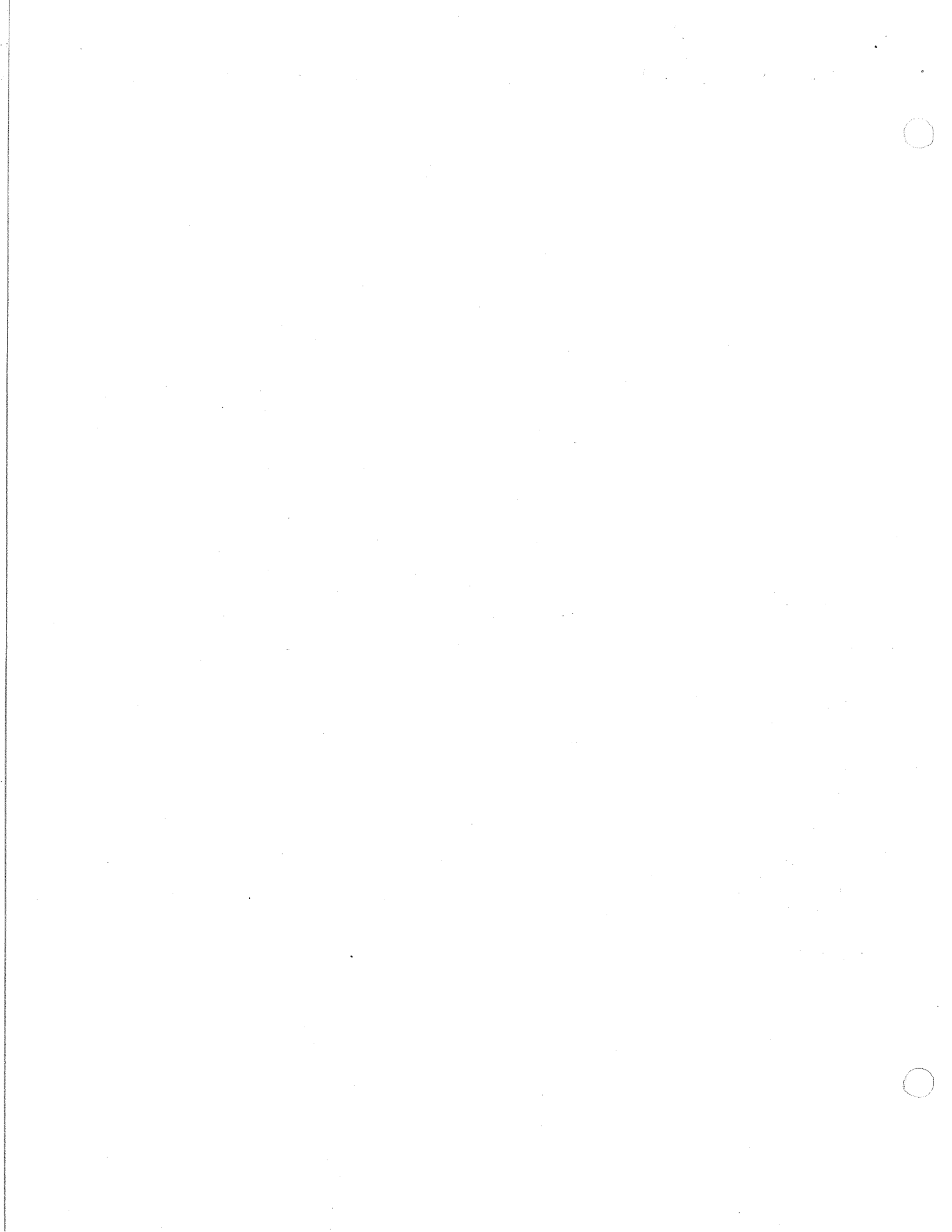
Awald, J. T.
Bondar, W. F.
Carpenter, R. H.
Coope, J. A.
Elliott, I. L.
Fletcher, W. K.
Forgeron, F. G.
Gleeson, C. F.
Hawkes, H. E.
Jonasson, I. R.

Leggo, M. D.
Marranzino, A. P.
Mehrtens, M. B.
Norton, D. L.
Post, E. V.
Rose, A. W.
Siems, P. L.
Thompson, I. S.
Warren, H. V.

Your ballots should be returned to me in an envelope marked A.E.G. Election by March 31, 1973. Counting will take place at the A.E.G. Annual Meeting to be held during the C.I.M. meetings in Vancouver, British Columbia, April 15-18, 1973.


Harold Bloom
Secretary

HB:jg



BRIEF RESUME OF NOMINEES FOR ORDINARY COUNCILLOR

- Awald, J. T. Research geologist, Amax Exploration, Denver, Colorado. Application of systems approach to geochemical regional exploration for copper and molybdenum.
- Bondar, W. F. President, Bondar-Clegg & Co., Ottawa, Ontario, Canada. Geochemical exploration consultants and geochemical service laboratories.
- Carpenter, R. H. Professor of geology, University of Georgia, Athens, Georgia. Teaching Economic Geology, Ore Microscopy, Exploration Geochemistry and Geophysics. Exploration consultant in Southeast U.S. and Brazil. Chairman, Research and Education Committee of A.E.G.
- Coope, J. A. Manager of Exploration, Eastern Division, Newmont Mining, Toronto, Ontario, Canada. First President of A.E.G. Supervision and interpretation of all geochemical work done by Newmont companies in Canada.
- Elliott, I. L. Chief geochemist, Falconbridge Nickel Mines, Vancouver, B.C. Chairman, world wide geochemical exploration service for the company. Organizing Committee, A.E.G. for 5th International Geochemical Exploration Symposium, Vancouver, B.C., 1974.
- Fletcher, W. K. Geochemist, University of British Columbia, Vancouver, B.C. Organization and supervision of graduate research in exploration and environmental geochemistry. Chairman, A.E.G. Committee on Regional Geochemical Data Compilation. Member, 1974 Symposium Organizing Committee.
- Forgeron, F. G. Consultant geochemist, Vancouver, B.C. Design and management of field, laboratory and research geochemical-geologic projects. Member, 1974 Symposium Organizing Committee.
- Gleeson, C. F. President, C. F. Gleeson & Associates, Ltd., Ottawa, Ontario, Canada. Chief geochemist, all exploration programs for SOQUEM. Past Treasurer and Councillor of A.E.G.
- Hawkes, H. E. Consultant geochemist, Tucson, Arizona. Pioneer and acknowledged leader in geochemical exploration. Past Vice-President of A.E.G. and Chairman of Bibliography Committee.
- Jonasson, I. R. Geochemist, Geological Survey of Canada, Ottawa. Post-doctoral Research Fellow (NRC).

BRIEF RESUME OF NOMINEES FOR ORDINARY COUNCILLOR
(cont.)

- Leggo, M. D. Geochemist, Amax Exploration (Australia) Inc., Sydney, Australia. Responsible for geochemical surveys over large areas.
- Marranzino, A. P. Supervisory Research Chemist, U.S. Geological Survey, Denver, Colorado. Construction, organization, training and direction of major geochemical laboratories in U.S., Puerto Rico and Brazil.
- Mehrtens, M. B. Consulting Geochemist, Rio Tinto Canadian Exploration Ltd., Toronto. Responsible for all geochemical exploration work in Canada and U.S. Chairman, Admissions Committee of A.E.G.
- Norton, D. L. Chief Geochemist, Kennecott Copper Corp., Salt Lake City, Utah. Supervises geochemical group responsible for analytical and interpretation aspects of geochemistry.
- Post, E. V. President and Chief Geologist, Skyline Labs, Inc., Denver, Colorado. Geochemical exploration consultants and geochemical service laboratories.
- Rose, A. W. Professor of Geochemistry, Penn State University, Pa. Carried out extensive geochemical studies of porphyry copper deposits. Supervises graduate study in the application of geochemistry, mineralogy, statistics to ore deposits. A.E.G. Councillor, 1972
- Siems, P. L. Professor of Geology, University of Idaho. Consultant in exploration geochemistry, foreign and domestic.
- Thompson, I. S. Consulting Geologist, Derry, Michener and Booth, Toronto. Supervisor of major geochemical exploration projects in Ireland, Ecuador, British Honduras and Canada.
- Warren, H. V. Professor and Consulting geological engineer, University of British Columbia, Vancouver. Pioneered new approaches to exploration geochemistry and epidemiology.

