

TABLE 3.2. DATA ON MEMBER SOCIETIES OF THE CANADIAN GEOSCIENCE COUNCIL

SOCIETY AND MEMBERSHIP	OBJECTIVES	MEETINGS, ACTIVITIES, COMMITTEES	PUBLICATIONS	AWARDS	BRIEFS AND POSITION PAPERS	ASSOCIATION WITH OTHER ORGANIZATIONS	OTHER INFORMATION
ASSOCIATION OF EXPLORATION GEOCHEMISTS P.O. Box 523 Rexdale, Ontario. M9W 5L4 Membership in Canada (April 1979) Total 153 Students 18 Corporate 14 Worldwide Membership 569	To represent the professional interests of persons specializing in exploration geochemistry; to advance mineral exploration applications of geochemistry; to disseminate geochemical information and ideas among professional geochemists.	- 1979 Annual General Meeting, Tuscon, Arizona. - Symposium, Geochemical Exploration in the Basin and Range Province, April 1979, Tuscon, Arizona. - 1980 Annual General Meeting, Hannover, W. Germany. - 8th International Geochemical Exploration Symposium, April 1980, Hannover, W. Germany. - Regular Council Meetings. COMMITTEES: Admissions, Bibliography, Case Histories, Geochemical Analysis, Membership, Research and Education	<u>Journal of Geochemical Exploration</u> Elsevier (6 issues/year) - Quarterly Newsletter (to members only). <u>Bibliography of Exploration Geochemistry</u> AEG, 4 vols. 1965-1978. <u>Geochemical Exploration 1976</u> , Elsevier, 494p. <u>Geochemical Exploration 1978</u> , AEG, 504p.	The By-Laws provide for Honorary members	The Research and Education Committee has completed a study of educational requirements for exploration geochemistry with a view to developing a recommended curriculum for university undergraduates wishing to enter the field of exploration geochemistry with the proper scientific background.	Canadian Geoscience Council Australian Geoscience Council United States National Committee for Geochemistry	The Association of Exploration Geochemists (AEG) was founded in 1970 in Toronto as an international organization. Approximately 27% of the membership are Canadian, with the balance spread across 50 other nations. The Geochemical Analysis Committee has assembled analytical data for 44 elements on a series of six geochemical standard reference samples.
CANADIAN EXPLORATION GEOPHYSICAL SOCIETY (KEGS) c/o R. Caven, Secretary-Treasurer 28 Balaby Crescent Don Mills, Ontario. M3C 2B7 Active members in Canada 149 Members outside Canada 8 Student members 4	To promote mining geophysics, to encourage the flow of information between mining geophysicists to represent mining geophysicists, when possible, in representations to governments on matters directly involved in the performance of mining geophysics, and to promote high professional standing and fellowship among its members.	- Eight meetings (60), all business/technical meetings are held on the second Tuesday of each month from October to May. - "Eye Opener" Breakfast (85) featuring a guest speaker in conjunction with the Prospector's and Developer's Annual Meeting in Toronto, March.	No formal journal, Abstracts, summaries, and complete papers of talks given to KEGS are appended on the monthly notice of meetings and announcements mailed to all members.	- Don Salt Memorial Scholarship is awarded to the most promising third and fourth year students enrolled in geology or geophysics at the University of Toronto who have an interest in the exploration for mineral deposits.	Contributed to preparation of the brochure "Careers in Geophysics in Petroleum and Mining Exploration", published by the CSEG.	Canadian Geoscience Council (Society of Exploration Geophysicists)	KEGS was formed June 8, 1953 by a small group of mining exploration geophysicists in Toronto. Members probably represent, by their employment, 90% of the mining exploration in Canada. Approximately one quarter of the members reside outside the Toronto area with members living in most provinces of Canada and as far abroad as South Africa and the Philippines.
CANADIAN GEOPHYSICAL UNION c/o Dr. J.L. Roy Secretary-Treasurer Earth Physics Branch Department of Energy, Mines and Resources 3 Observatory Cres. Ottawa, Ontario. K1A 0Y3 Active membership in Canada 330	To advance the science of geophysics and to promote a better understanding thereof throughout Canada.	- 6th Annual Meeting in Fredericton, N.B. June 4-6, 1979, 8 sessions (140) - Meeting with the A.G.U. in Toronto, May 22-27, 1980 and other Canadian Societies - Meeting with GAC, 1981 SUBDIVISIONS: Gravity, Seismology and Physics of the Earth's Interior, Exploration Geophysics, Geomagnetism, Geochronology and Stable Isotope Studies, Geodesy, Mathematical Geophysics. - International Union of Geodesy and Geophysics - appoint 5 members to the Canadian National Committee.	<u>Canadian Geophysical Bulletin</u>	- J. Tuzo Wilson medal for Outstanding Contribution to Canadian Geophysics. 1979 Recipient: R. Lindseth.		Canadian Geoscience Council Division of GAC Division of CAP	
CANADIAN GEOTECHNICAL SOCIETY c/o Michael J. O'Connor M.J. O'Connor & Associates Ltd. 217-5403 Crowchild Trail, N.W. Calgary, Alberta. T3B 4Z1 Members 932 Student members 15 Affiliates 25 Of the total membership, 603 are members of the Engineering Institute of Canada of which the Canadian Geotechnical Society is a constituent society.	To stimulate activities and co-operation among engineers and other professionals for the advance of knowledge in the geotechnical field in Canada. This includes the study of the properties of soil, rock, muskeg, snow and ice, the influence of environmental factors on such properties and the application of this knowledge in practice.	- 32nd Annual Canadian Geotechnical Conference, Quebec City, September 26-28, 1979. Included annual business meeting and presentation of awards. - Board of Directors met twice (in Calgary and Quebec City). - Ten local sections meet approximately 9 times per year for technical sessions. - Cross Canada lecture tours sponsored both by CGS and by local chapters. Other lectures sponsored by individual sections or several sections.	<u>Canadian Geotechnical Journal</u> published by National Research Council as part of the membership fees, circulation is in excess of 2300. The Canadian Geotechnical Society Newsletter circulated to members is published quarterly.	- R.F. Legget Award to an individual for significant achievements to Canada in the field of geotechnical engineering; not given every year. - Society Prize awarded annually for the best paper published in the Canadian Geotechnical Journal.		Canadian Geoscience Council Constituent Society of the Engineering Institute of Canada Links with the National Research Council of Canada Associate Committee on Geotechnical Research (International Society of Soil Mechanics and Foundation Engineering) (Engineering Geology Division - International Association of Engineering Geology).	12 local sections of CGS exist at major cities and are partially supported by a rebate from Head-quarters. The CGS sponsored a cross-Canada tour of 5 visiting engineering geologists and geotechnical engineers from The People's Republic of China. The Engineering Geology Division sponsored with American societies a visit of 18 members of the Japanese Landslide Society to landslides in British Columbia and Washington State.
CANADIAN INSTITUTE OF MINING AND METALLURGY c/o Gordon F. Skillings, Executive Director Suite 400, 1130 Sherbrooke St. W., Montreal, Quebec. H3A 2M8 Total CIM membership 11,550 In Geology Division 2,530	To stimulate and advance the application of geology, geophysics, and geochemistry in the exploration for, and development and exploitation of, mineral resources by arranging technical discourses, lectures, and discussions; by publication of technical papers; by sponsoring field excursions; and by the promotion and encouragement of research and education in the earth sciences.	-Numerous Branch Meetings COMMITTEES (Geology Division): Publications; University Visiting Lecturers Technical Program; Barlow Memorial Medal; Mineral Deposits Research; Student Essays; Geophysics; Geochemist Distinguished Lecturers; Program Policy GAC-SEG liason; Nominating.	<u>The Canadian Mining and Metallurgical Bulletin (CIM Bulletin)</u> - monthly <u>The Journal of Canadian Petroleum Technology</u> -quarterly <u>The Canadian Metallurgical Quarterly</u> - quarterly <u>The CIM Directory</u> - yearly <u>Special Volumes</u> - 23 to date	CIM awards pertaining to Geology Division: Distinguished Lecturer Award, Barlow Memorial Medal Prize, Student Essay Awards and the President's Gold Medal.		Canadian Geoscience Council Canadian Standards Association (World Mining Congress) (Council of Commonwealth Mining and Metallurgical Institutions) (A.I.M.E. Council of Economics) Mining Society of Nova Scotia	The Geology Division is an integral part of CIM which is a technical society covering the entire range of mining and mineral processing technology. In addition to those in Geology Division many geoscientists belong to other CIM Divisions and Societies, notably the Coal Division, the Industrial Minerals Division and the Petroleum Society. Large numbers of others participate in the activities of the 62 branches.
CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS 612 Lougheed Building, 604 First Street S.W. Calgary, Alberta. T2P 1M7 Active membership 1600 Honorary members 8 Corporate members 40	To promote the science of geophysics especially as it applies to exploration in the fields of petroleum, mining, and groundwater, and to promote fellowship and co-operation among those persons and organizations.	- One General Meeting per year (500) - One Executive (10), and one or more Technical Meetings per month (400) - One National Convention per year (800) COMMITTEES: Approximately 25 committees administer the professional technical and social affairs of the Society. - Registered Scholarship Fund to administer scholarships to deserving students - Sponsor Continuing Education Program including three or four courses per year.	<u>Journal of the Canadian Society of Exploration Geophysicists</u> published annually on a regular basis plus special editions. Monthly Newsletter, "CSEG Recorder".	- Best Paper Award, Honorary Membership, Meritorious Service Awards - Student Scholarships	Briefs and position papers as required, in the judgement of the Executive Committee.	Canadian Geoscience Council Association of Professional Engineers, Geologists and Geophysicists of Alberta Canadian Exploration Geophysical Society (As to statistics) Other Geological, mathematical and physics Societies as to joint meetings (Society of Exploration Geophysicists) (World Petroleum Congress)	CSEG Convention will be held May 7-9, 1980 in Calgary. Theme: "30 years of Progress"
CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS 612 Lougheed Building 604 First Street S.W. Calgary, Alberta. T2P 1M7 Active members 2389 Student 169 Associate 83 Honorary 18 Corporate 80 Emeritus 10 Total 2749	To advance the science of geology, especially as it relates to fossil fuels; To promote the technology of exploration for these resources; To foster scientific research; To inspire and maintain a high standard of professional conduct.	- Annual Meeting - Technical Meeting, Luncheon meetings with guest speakers addressing current topics related to petroleum geology. Average attendance was approximately 750 people. - Technical Symposia, 6 Field Trips, CSPG Core Conference, Anniversary Convention, Facts and Principles of World Oil Occurrence, North Atlantic Workshop held at Memorial University, Newfoundland. COMMITTEES: Membership, Technical Programme, Medal of Merit, Link Award, Geological Research, Stratigraphic Nomenclature, Discipline, Printing, CSPG/CIM Convention, International Convention. Division: Paleontology, Structural, Geochemistry, Geomathematics, Coal. Administrative Committee: 50 special committees administer business, social and technical functions.	<u>Bulletin of Canadian Petroleum Geology</u> - quarterly <u>Reservoir</u> - (Monthly)	AWARDS - Medal of Merit: Best published paper, Laurence W. Vigras. - Link Award: Best oral presentation of a paper to the society by a member, Dr. G.D. Mossip. - Research and Graduate Student Award: For post graduate thesis of merit, Reginald A. Olson, UBC; Pak K. Wong, University of Calgary. - Western Inter-University Award: For best oral presentation by a student at the Western University Geological Conference, R. Roblesky, University of Calgary. - Special Award: For outstanding contribution to the society, J.M. Browning.			
CANADIAN SOCIETY OF SOIL SCIENCE c/o Dr. R.B. McKercher Dept. of Soil Science University of Saskatchewan Saskatoon, Saskatchewan. S7N 0W0 Total membership 376 Active in Canada 360 Honorary 1 Active Fellows 15	To foster all branches of soil science by: - providing forums for communications among soil scientists - assisting in communication among users of soil science information - co-ordination of soil reseafch, teaching and extension.	- Annual Convention, Fredericton, N.B., August 19-23, 1979 COMMITTEES: Journal, Awards, Rules, Co-ordination, Ad Hoc Committee on Organization.	<u>Canadian Journal of Soil Science</u> (4 issues/year) <u>Newsletter</u> - (3 issues/year)	- Fellowship award - Fellow of the Canadian Society of Soil Science. - Honorary Member.	All these are through the central office of the Agricultural Institute of Canada, Ottawa.	Affiliation with Agricultural Institute of Canada. Member - Canadian Geoscience Council. Affiliation with International Soil Science Society.	
CANADIAN WELL LOGGING SOCIETY c/o Secretary P.O. Box 6962, Postal Station D Calgary, Alberta. T2P 2G2 Active members 489 Honorary members 5 Corporate members 22 (about 5-10% eligible are members, most from the Calgary area)	To further the science of Formation Evaluation by providing regular meetings with discussion of related subjects and encouraging research and study.	- Nine Luncheon Meetings (avg. 150) - Annual Meeting in February (80) - Nine Executive Meetings COMMITTEES: Membership, Publication Sales, CWLS Journal Editor and Business Manager, Nominating Award 1978, Formation Evaluation Symposium Organizing. Water Resistivity Catalogue, Well Log Standards, Seminars and Research.	The CWLS Journal - annually CWLS Symposium transactions published biannually next 1981 Formation Water Resistivity Catalogue - published occasionally, last revision in 1978 <u>Guide on Metric Conversion for Well Logs</u>	- President's Award (\$500) for best paper in Information evaluation. First presentation in 1976.		- Canadian Geoscience Council - Annually a joint luncheon meeting is held with the Petroleum Society of CIMM - (Working Agreement with Society of Professional Well Log Analysts (USA) to encourage interchange of technical material between the two societies.	
GEOLOGICAL ASSOCIATION OF CANADA % Dr. A.V. Morgan, Secretary Department of Earth Sciences University of Waterloo Waterloo, Ontario. N2L 3G1 Fellow 1732 Associates 853 Retired 62 Honorary 6 Life 5 Corporate 79 Total 2737	To advance the science of geology and closely related fields of study and to promote a better understanding thereof throughout Canada.	- Annual Meeting, October 1978, Toronto (4,826) - Annual Meeting, May, 1979 (765) - Council and Executive Meetings Sections and Divisions meet independently. COMMITTEES: Finance, Program, Projects, Membership, Editorial, Public Information, Women Geoscientists, Education, Howard Street Robinson, Logan Medal, Past President's Medal.	Geolog - Newsletter published quarterly Geoscience Canada - published quarterly Special Papers - Nineteen so far in series Canadian Journal of Earth Sciences - published by National Research Council and included in GAC membership fees. Information Circular NO. 3 entitled "Sources of Free Materials for Canadian Earth Science Teachers and Students" was published in 1977. Field guides for Montreal, London and Toronto, Ontario are under preparation.	- Logan Medal - annual for outstanding contributions to the Earth Sciences. - Past President's Medal - annual for outstanding achievements in the Earth Sciences (Awarded to a younger scientist). - Billings Medal - annual for outstanding contribution to Canadian paleontology or by a Canadian to paleontology. - Duncan R. Derry Medal - annual to an outstanding Canadian economic geologist.		Canadian Geoscience Council SCITEC Joint Annual Meetings with Mineralogical Association of Canada and bi-annually with the Canadian Geophysical Union. Annual Meetings are frequently organized with other associations: 1978 the Parent Body of the Geological Society of America; 1979 Canadian Geophysical Union (American Commission on Stratigraphic Nomenclature) (World Petroleum Congress)	Divisions of GAC: Environmental Earth Sciences, Geophysics (Canadian Geophysical Union), Paleontology, Precambrian, Structural Geology, Volcanology, Mineral Deposits. Regional Sections of GAC exist in Edmonton, Newfoundland, Winnipeg and Vancouver (Cordilleran), with a branch of the Cordilleran Section in Victoria. Atlantic Geoscience Society (Halifax) is an affiliated society.
MINERALOGICAL ASSOCIATION OF CANADA c/o Dept. of Mineralogy and Geology Royal Ontario Museum Toronto, Ontario. M5S 2C6 Life members 31 Sustaining members 43 Corporate members 617 Ordinary members 808 Student members 300 Total 1799	To advance the knowledge of mineralogy, crystallography, petrography, geochemistry, economic geology and applied disciplines of the earth sciences.	- Executive Committee. Meetings - Technical Meetings - Business Meetings COMMITTEES: Finance, Membership, Nominating, By-Law Revision, Hawley Award and Standing Committees for Canadian Geoscience Council Annual Reports.	<u>Canadian Mineralogist</u> - quarterly Newsletter - semi-annually. <u>Short Course Notes</u> - annually	- Hawley Award - presented to the author(s) of the best paper printed in the Canadian Mineralogist during the preceding year. Awarded in 1979 to Richard N. Abbot.		Joint meetings with Geological Association of Canada Canadian Geoscience Council (International Mineralogical Association) (Joint Committee on Powder Diffraction Standards) (Joint meetings with Mineralogical Society of America).	Each year, a short course is run on a topic of current academic and industrial interest: 1976 Microbeam techniques 1977 Thermodynamics in petrology 1978 Uranium mineralogy and geology 1979 Asbestos characterization 1980 Neutron activation

to accompany GSC Paper 80-6, Part 2.