

TABLE 5. 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, 198 0 Voting 125 Affiliate 17 Honorary 1 Student 8 Corporate 10 Total (Canada) 161 Worldwide 628	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.	- 1980 Annual General Meeting, Hannover, FRG - 1981 Annual General Meeting, Vancouver, B.C. - 1980 8th International Geochemical Exploration Symposium, Hannover, FRG - 1981 Precious metals in the Northern Cordillera, Joint symposium with the Cordilleran Section of the GAC, Vancouver, B.C. - 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. Geochemical Exploration 1976, Elsevier, 494p. Geochemical Exploration 1978, AEG, 304p.	The By-Laws provide for Honorary members	The case history committee has coordinated special volumes on geochemical exploration in Canada, Fennoscandia, the Basin and Range province U.S.A., and Australia.	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 ASSOCIATION OF GEOGRAPHERS c/o Burnside Hall McGill University 805 Sherbrook St. W. Montreal, Quebec H3A 2K6 Life Members 7 Family Members 23 Student Members 380 Full Members 965 Total 1375	To encourage geographical study and research, particularly in relation to the Canadian environment.	- Annual Meeting - Two executive meetings per year COMMITTEES: Careers, Education GROUP STUDIES: Industrial Geography, Medical Geography, Historical Geography, Coastal Management, Recreation and Tourism, Geography of the Urban Fringe.	Canadian Geographer: published quarterly. Directory: Published annually Newsletter: Published semi-annually. Publications of the Education Committee, Teaching aids, etc.	Award for Service to the Profession Award for Scholarly Distinction Annual "Prizes to the top honours undergraduate in each Geography Department in Canada.		Canadian Geoscience Council National Committee on Cartography Canadian Committee for Geography Social Science Federation of Canada	Founded in 1951. There are Western, Prairie and Ontario Divisions.
CANADIAN EXPLORATION GEOPHYSICAL SOCIETY (KEGS) c/o Dr. Z. Dvorak, Digheim Ltd. 32010 1 First Canadian Place Toronto, Ontario M5X 1C7 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.		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 1 Observatory Crescent Ottawa, Ontario. K1A 0Y3 Active membership in Canada 278	To advance the science of geophysics and to promote a better understanding thereof throughout Canada.	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. 1980 Recipient: L.W. Morley		Canadian Geoscience Council Division of GAC Division of CAP	Annual Meeting for 1980 was held in Toronto on May 22-27 with the American Geophysical Union; Canadian Meteorological and Oceanographic Society; Division of Aeronomy and Space Physics of the Canadian Association of Physicists; and the Canadian Exploration Geophysical Society. The 1981 annual meeting will be held in Calgary, May 11-13, with the Geological Association of Canada and the Mineralogical Association of Canada.
CANADIAN GEOTECHNICAL SOCIETY (a constituent society of the Engineering Institute of Canada) Secretary: Dr. M.J. O'Connor M.J. O'Connor and Associates Ltd. No. 3, 2235-30th Avenue N.E. Calgary, Alberta, T2E 7C7 Paid members: 1029	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.	- 33rd Annual Canadian Geotechnical Conference, Calgary, Alberta, 22-26 September 1980 - sponsored or cosponsored four additional national technical seminars, workshops and symposia - Board of Directors met twice; April and September - Engineering Geology Division; Annual Meeting, Sept. - Technical Committees: Foundation Engineering; Slope Stability; Tunnels; Dams and Embankments - Regional Sections: Atlantic, Eastern Quebec, Western Quebec, Eastern and Northern Ontario, Southern Ontario, Manitoba, Saskatchewan, Northern Alberta, Southern Alberta, British Columbia; meet approximately 9 times in the year for technical sections.	<u>Canadian Geotechnical Journal</u> (4 issues/year published by the NRC) CGS News, the Society newsletter. Canadian Foundation Engineering Manual	- 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.	The Society assisted in preparing the final draft of the International Society of Soil Mechanics and Foundation Engineering's Lexicon of terms, symbols and units. This document is to be published in eight languages.	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 Headquarters. 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 CIMM membership: 11860 In Geology Division 2595	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; Geochimist Distinguished Lecturers; Program Policy GAC-SEG liaison; 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: <u>Distinguished Lecturer Award</u> , <u>Barlow Memorial Medal Prize</u> , <u>Student Essay Awards</u> and the <u>President's Gold Medal</u> .		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 229, 640-5th Avenue S.W. Calgary, Alberta. T2P 3G4 Active membership 1800 Honorary members 6 Corporate members 25	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 (500) -One National Convention per year (1200) May 12-14, 1981. -Committees. Approximately 23 committees administer the professional technical and social affairs of the Society. -Registered Scholarship Fund to administer scholarships to deserving students. -Sponsoring Continuing Education Program including one or two courses per year.	<u>Journal of the Canadian Society of Exploration Geophysicists</u> published annually on a regular basis to be changed to two issues per year. Monthly newsletter, "CSEG Recorder".	- Best Paper Award, Honorary Membership, Meritorious Service Awards - Student Scholarships (23 awarded in 1980).	As required, according to the executives discretion. A government relations committee is in charge of routine letters or briefs.	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)	The 1981 annual meeting will be held May 12-14 in Calgary.
CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS 612 Lougheed Building 229, 640-5th Ave. S.W. Calgary, Alberta. T2P 3G4 Active members 2389 Student 169 Associate 83 Honorary 18 Corporate 80 Emeritus 10 Total Membership: 3115	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 860 people. 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: 30 special committees administer business, social and technical functions.	<u>Bulletin of Canadian Petroleum Geology</u> - quarterly <u>Reservoir</u> - (Monthly)	- Medal of Merit: Exploration Staff, Chevron Standard Ltd. - Link Award: Best oral presentation of a paper to the society by a member, John C. Hopkins - Research and Graduate Student Award: For post graduate thesis of merit, Brian R. Pratt, Memorial; Brian D. Ricketts, Carleton. - Western Inter-University Award: For best oral presentation by a student at the Western University Geological Conference, J.D. Dudley, University of Calgary. - R.J.W. Douglas Memorial Medal: Dr. Harold Williams, Memorial.		Canadian Geoscience Council	
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 research, teaching and extension.	- Annual Convention at Brook University St. Catharines, Ontario, August 9-13, 1981. COMMITTEES: Journal, Awards, Rules, Coordination.	<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 1980, Formation Evaluation Symposium Organizing. Water Resistivity Catalogue, Well Log Standards, Seminars and Research.	<u>The CWLS Journal</u> - annually <u>CWLS Symposium transactions</u> published biannually next 1981 <u>Formation Water Resistivity Catalogue</u> - published occasionally, last revision in 1978 <u>Guide on Metric Conversion for Well Logs</u>	- President's Award (\$500) for best paper in formation 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 Department of Earth Sciences University of Waterloo Waterloo, Ontario. N2L 3G1 Fellows 1758 Associates 890 Retired 61 Honorary Members 6 Life Members 5 Corporate Members 2720 83 2803	To advance the science of geology and closely related fields of study and to promote a better understanding thereof throughout Canada.	- Annual Meeting, May 1979, Quebec (with MAC) (765) - Annual Meeting, May 1980, Halifax (with MAC) (987) Council and Executive and Committee meetings. Sections and Divisions meet independently. COMMITTEES: Editorial, Education, Finance, Logan Medal, Membership Past President's Medal, Program, Projects, Robinson Committee.	<u>Geolog</u> - Newsletter published quarterly <u>Geoscience Canada</u> - published quarterly <u>Special Papers</u> - Twenty so far in series <u>Canadian Journal of Earth Sciences</u> - published by National Research Council and including in GAC membership fees.	- Logan Medal - annual for outstanding contributions to Earth Sciences - Past President's Medal - annual for outstanding achievements in the Earth Sciences. (Awarded to a younger scientist). - Billings Medal - awarded every two years for excellence in paleontology. - Duncan Derry Medal - awarded annually to an economic geologist. - Youth Science Foundation - annual award for the best Earth Science exhibit at National Science Fair.	- Brief to 34th annual Provincial Mines Ministers Conference, September, 1977, titled 'Geosciences in the Provinces'. - Brief to 35th annual Provincial Mines Ministers Conference, September, 1978, on Earth Science Technology. - Information Circulars - Field Guides for Montreal and London, Ontario currently in preparation.	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 & Geology Royal Ontario Museum Toronto, Ontario. M5S 2C6 Life Members 34 Sustaining Members 50 Corporate Members 636 Ordinary Members 994 Student members 482 Total 2196	To advance the knowledge of crystallography, mineralogy, geochemistry and economic geology and its applications in the earth sciences.	Annual Meeting, May 1981, Calgary (with GAC). Short Courses: Fluid Inclusions-petrologic applications, May 7-10, 1981. Clays and the Resource Geologist, May 14-16, 1981 (both in Calgary). Granitic Pegmatites-Geology, Geochemical Exploration & Ore Processing, May, 1982, Winnipeg. Executive Committee Meetings COMMITTEES: Finance, membership, nominating, Hawley Award.	<u>Canadian Mineralogist</u> - quarterly <u>Short Course Notes</u> - annually <u>Newsletter</u> - semi-annually	- Hawley Award - presented to the author(s) of the best paper printed in the Canadian Mineralogist during the preceding year. Awarded in 1980 to Louis J. Caruso & Joseph V. Chernosky, Jr. for their paper "The Stability of Lizardite".		Canadian Geoscience Council Joint Annual meetings with the Geological Association of Canada (International Mineralogical Association) (Joint Committee on Powder Diffraction Standards)	The Mineralogical Association of Canada runs short courses either preceding and/or subsequent to the GAC/MAC annual meeting. These courses generally address aspects of mineralogy that are of interest to the industrial sector.