



# THE MAINE GEOLOGIST

THE NEWSLETTER OF THE GEOLOGICAL SOCIETY OF MAINE

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## MID-SUMMER MEETING

Our good fortune is manifest, in that Donaldson Koons has with great kindness invited the Society to hold its mid-summer meeting at his farm on Pond Road in the Town of Sidney. The meeting will convene at 9:30 AM on Friday, August 1st.

The program will include talks by Dee Caldwell on surficial geology and environmental problems; by Art Hussey and Kost Pankiwskyj on stratigraphy and structure of the belt of rocks which extends northeasterly from Casco Bay into the Liberty area; by Bob Doyle on the 1975 Maine Survey program; by Brad Caswell and Barry Timson on specific Maine Survey projects; and possibly by J. Rand on some minutiae that he is looking at in the Penobscot Bay area.

There will also be a period for the discussion of the business and future of the Society. In this respect, your careful consideration of the proposed Society Bylaws reproduced in fine print on the reverse of this page, should be of some importance.

To assist in finding Don Koons' farm, the Maine Survey has thoughtfully provided us with the enclosed map (scale: 1" = 4 miles) which shows the site to be on State Route 23 (Route 24 on the old Augusta 15' sheet), roughly 8 miles north of the Augusta North 1-95 interchange, and roughly 8 miles SSW of the Waterville South interchange. The Society is NOT PLANNING TO PROVIDE ANY LUNCH, and we suggest that if you normally like to eat during the noon hour you should plan to bring your own peanut butter and Dr. Pepper.

## EARLY TERTIARY DIKES

In connection with regional tectonic studies for a Proposed nuclear generating facility on Sears Island, Searsport, J. Rand has acquired a K-Ar determination of  $69.3 \pm 3.1$  million years on a single sample of a lamprophyre dike from Jameson Point, Rockland Harbor (refer to Osberg, P.H. and C.V. Guidotti; 1974 NEIGC Guidebook, page 60). This is a whole-rock determination by Geochron Labs. Dorothy Richter and Gene Simmons at M.I.T. describe the rock as being unusually fresh, undeformed, and as having an estimated modal composition of about 70% clinopyroxene (phenocrysts and matrix), 15% olivine, 10% opaque, about 5% calcite and a trace of biotite. There are several apparently similar dikes on Jameson Point, some of which on first glance appear to be faulted, and further investigations are planned for this locality this summer.

## NEW ENGLAND SEISMIC NET

We have received word from Jim Skehan that as of July First the following seismic stations should be operative: Caribou; East Machias; Milo; Berlin; Hanover; Fall River; Westboro (Weston Geophysical Research, Inc.); and Weston Observatory. A station at Dickey, Aroostook County, should be operative by August 1st. In addition, a mutual exchange of network data continues between the University of Connecticut network and Weston Observatory for significant local seismic events which are recorded on both networks.

## USGS CLOSING BOSTON OFFICE

We hear that as of October 1st the USGS is moving the administration of the Massachusetts cooperative mapping program from Boston to Reston, Virginia, and that two years later the Boston office will be closed completely. This is a most disheartening development which we can only hope will somehow be reversed. Not only Massachusetts, but all of the New England region has benefited greatly from the Survey's work to date. We are still a long way, however, from a good understanding of regional bedrock structure and history; Reston is a long way from the woods and fields of southeastern New England where an important part of this understanding has to be developed. (JRR)

## PROPOSED GSM BYLAWS

On the reverse side of this sheet you will find reproduced a copy of the proposed by-laws under which the Society may march into the future. Your study of this document prior to the August 1st meeting is invited, so that informed discussion can ensue and a formal vote can be taken at that meeting.

# PROPOSED BYLAWS

## THE GEOLOGICAL SOCIETY OF MAINE

ARTICLE I  
Name

Section 1. The name of the association shall be "The Geological Society

Section 2. The name of the society may not be used, nor any reference to it made in any advertising, promotion, solicitation, or

ARTICLE II  
Purpose

Section 1. To further the public awareness and understanding of the geology of the State of Maine and further modern geologic processes which affect the Maine landscape and the human environ-

Section 2. To develop and encourage continuing social contact and dialogue

Section 3. To advance the professional improvement of its members;

Section 4. To inform members and other interested persons of current and planned geologic programs in Maine.

Section 5. To provide a financial base to publish and distribute a periodic Newsletter, to cover matters of technical and general

Section 6. To receive and administer gifts bequests, and devises from person, firm, or corporation to the GSM.

Section 7. To perform acts instrumental in the furtherance of the foregoing purposes, including the owning, leasing, or otherwise dealing in real estate in order to further said purposes.

ARTICLE III  
Non-Profit

Section 1. This society shall be non-profit. All assets shall belong to the GSM and shall not inure to the benefit of any member

ARTICLE IV  
Membership

Section 1. A member shall be defined as any person who is interested in furthering the goals of the society and who fulfills the requirements of section 1a, 1b, or 1c.

1.a. Those persons who hold a Bachelors degree in geology and have engaged in the practice of geology for at least one year, or who have a Masters degree in geology, in lieu of the one year requirement, or who have demonstrated by trade a degree of geological professionalism, regardless of academic training, shall be designated as "Regular Members".

1.b. Those persons who demonstrate an interest in the geological sciences and who are desirous of association with the society, but do not meet the requirements of sections 1a or 1c, shall be designated as "Associate Members".

1.c. Those persons currently enrolled as a student in any college or school of higher learning who are interested in the field of geology and are desirous of association with the society, shall be designated as "Student

Section 2. There will be no Maine residency requirement for any of the three categories of membership.

### ARTICLE V

#### Dues & Fees

Section 1. There will be an initial application fee of \$2.00 for all new members; said fee will help to defray Newsletter publication

Section 2. Annual dues will be assessed all members as follows:

Regular Members	\$5.00/year
Associate Members	\$4.00/year
Student Members	\$2.00/year

### ARTICLE VI

#### Annual Meeting

Section 1. An annual meeting of the members of the Society shall be held during the summer, between June and September, of each year, for the purpose of electing councilors, receiving financial reports, and for the conduct of such old business as may come before the meeting. The date and time of the meeting shall be determined by the executive council. The secretary of the society shall be responsible for providing sufficient notification of the meeting to

Section 2. Other meetings may be called by the President or

2.a. Several periodic meeting will be scheduled each year; time and place of said meetings to be designated by the President of Executive Council.

Section 3. At each annual meeting the membership shall elect four officers

to a one-year term, and one councilor to a three-year term of office (Article VII Sections 1-6 and Article VIII). A slate of

### ARTICLE VII

#### Officers

Section 1. The officers of the Association shall be as follows:

- President
- Vice-President
- Secretary
- Treasurer

Section 2. The officers shall be elected by the membership at the annual meeting to serve one year terms of office.

Section 3. President - The president shall be responsible for the affairs of the Society and for executing the policies established by the Executive Council. He shall appoint the chairman of the committees as provided in Article VIII and

Section 4. Vice-President - In the event of the absence or disability of the President, the Vice-President shall perform the duties of the President, and when so acting, shall have all powers of that office.

The Vice-President shall perform such other duties as assigned to him by the Executive Council or by the

Section 5. Secretary - The Secretary shall be responsible for recording the activities of the Society; recording names of officers, councilors, and committee members; giving notice of all meetings of the Society, the executive council, and committees; keeping the minutes of the meetings of the members and the Executive Council, and cause them to be recorded in a book kept for that purpose; and conducting such correspondence as may be required.

Section 6. Treasurer - The treasurer shall have custody of the Society funds, shall keep full and accurate accounts of receipts and disbursements and shall deposit all funds and other valuable effects in the name and to the credit of the Society in such depositories as may be designated by the Executive Council. Under the direction of the President, he shall prepare an

annual report accounting for all transactions and describing the financial condition of the Society. He shall prepare an annual budget for submission to the Executive Council and to the Society at the Annual Meeting. On disbursements of funds over three hundred dollars (\$300.00) the President shall countersign the checks. Otherwise the Treasurer shall be the sole signator of checks for disbursement of Society funds.

### ARTICLE VIII

#### Executive Council

Section 1. The Executive Council shall be composed of the four elected officers plus three additional councilors elected from the membership of the Society. At the first annual meeting one councilor will be elected to serve until the second annual meeting, one shall be elected to serve until the third annual meeting, and one shall be elected to serve until the fourth annual meeting. At each annual meeting after first, one councilor shall be elected by the membership to a three-year term of office.

Section 2. The Executive Council shall provide the general direction and control the affairs of the association. In addition to the duties customarily performed by the Council it shall:

- Transact all business necessary and proper for the efficient management of the Society.
- Establish dues and fees, payment schedules, and any reimbursements deemed appropriate.
- Confirm membership and terminate members who resign from the society or who, given good cause, are voted out of the society by a two-thirds vote of the executive council.
- Fill vacancies on the Executive Council.
- Appoint a By-Laws Committee from the Executive Council and membership at large to make recommendations for changes to these By-Laws for consideration by the members at the annual meeting or a special meeting for said purpose.
- Appoint a nominating committee from the Executive Council and membership at large to make recommendations for officers and councilor to be nominated at the annual meeting.
- Appoint committees from the Executive Council and/or membership at large to address specific areas of concern to the society, including but not limited to the following:
  - Program Committee
  - Public relations Committee
  - Fund Raising Committee
  - Publications Committee

The Executive Council may from time to time establish other permanent or temporary committees to carry out particular activities as they deem necessary.

### ARTICLE IX

#### By-Laws

Section 1. The By-Laws of the Society may be altered or repealed by affirmative vote of two-thirds of the Society membership present at any scheduled meeting of the Society. Any question as to the proper interpretation of the provisions of these By-Laws shall be resolved by majority vote of the Executive Council.

#### Liability and Grievances

Section 1. No officer, council member, committee member, or other member working in the name of the society shall be held liable as a result of society activities.

Section 2. Grievances concerning any aspect of Society activities shall be referred to the Executive Council for

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