

To: G. Benvenuto, D. Gardner, K. Glover, P. Farmor and M. Lis

Date: January 3, 1975.

Subject: Workshop on Tectonics of the
southeastern Canadian Cordillera

QUEEN'S UNIVERSITY MEMORANDUM

John Reesor, the Chief of the Crustal Geology Division of the Geological Survey of Canada, has indicated that he wishes to visit with us to review progress on research programs in the southeastern Canadian Cordillera that have received support from the Department of Energy, Mines and Resources. In order to give maximum benefit from the kind of activity, for all concerned, I am organizing a workshop on "Tectonics of the southeastern Canadian Cordillera" which will involve our group at Queen's. Dick Brown and several students from Carleton, who are working in the northern Selkirk Mountains, Philip Simony from the University of Calgary, who has been working in the Dogtooth Mountains and northward from there along the Rocky Mountain Trench, and Eric Mountjoy of McGill who has been working in the Rockies north and south of the Jasper area.

A tentative program is attached. You will note that provision has been made for a general review of the Queen's program by me and a brief outline of the objectives and current status of thesis projects by each of you.

This will be an informal gathering and no special visual aids or written reports are required. You should plan to use field compilation maps and sketches (on the blackboard or on paper) to illustrate your presentation.

I hope that we can all benefit from this opportunity for exchange of information on related research projects.



R. N. Price,
Professor and Head.

RAP/bm

MEMORANDUM

To: J. E. Reesor, R. C. Brown, P. S. Simony, E. W. Mountjoy, G. C. Taylor.

Re: Workshop on Tectonics of the Southeastern Canadian Cordillera

January 3, 1975.

Dear Colleague:

I write to confirm arrangements for the workshop on tectonics of the southeastern Cordillera which I discussed with you recently.

It is my understanding that the objective of the workshop is to provide an opportunity for informal exchange of information on recent results from and future plans of the several research projects on the tectonics of the southeastern Canadian Cordillera which are based at the University of Calgary, Carleton University, McGill University and Queen's University; and also to provide an opportunity for review of these projects by the Geological Survey of Canada. Accordingly, each person involved in these projects should present an informal review of the objectives and recent results of their work and should be prepared to participate in informal discussions, with the group, on matters arising from these presentations. To facilitate free and full informal discussion, the group of participants will have to be small enough so that the presentations can be made with reference to field compilation maps and sketches as the blackboard sketches.

With these points in mind I have prepared a tentative agenda, a copy of which is attached. It provides for a general review of the overall research program at each institution as well as reviews of individual theses projects within each program. The starting time (10.00 a.m.) on Thursday should allow participants from Ottawa and Montreal to drive to Kingston on Thursday morning. A large conference table, on which maps can be spread out, a blackboard, and a map board and projection facilities (overhead and 35 mm) will be available. Accommodations for five students for Thursday night have been arranged at the Queen's Students' Union Building (cost about \$4.00 each). Accommodations for other out of town visitors will be available at the Donald Gordon Centre for Continuing Education (adjacent to the campus) or a local motel. Parking space will be available behind Miller Hall and permits can be obtained from my office when you arrive.

I look forward to welcoming you to the Department of Geological Sciences at Queen's on January 16.

Yours sincerely,



R. A. Price.

RAP/bm

Encl.

c.c. J. O. Wheeler.

AGENDA

Workshop on Tectonics of the Southeastern Canadian Cordillera

Department of Geological Sciences

Queen's University

Thursday, January 16th

Seminar Room, Miller Hall

- 10.00 a.m. Introduction, coffee and review of agenda.
- 10.30 - 12.00 R. A. Price - review of Queen's University Program on Tectonic Analysis of the southeastern Canadian Cordillera.
- 12.00 - 1.30 Luncheon - McLaughlin Room, Students' Union Building.
- 1.30 - 3.00 P. S. Simony - review of University of Calgary Program.
- 3.00 - 3.30 Coffee Break
- 3.30 - 5.00 R. L. Brown - review of Carleton University Program.
- 5.00 - 7.30 Dinner
- 7.30 - Informal Discussions - Department Lounge - Bruce Wing.

Friday, January 17th

Seminar Room - Miller Hall

- 9.00 - 10.00 E. W. Mountjoy - review of McGill University Program.
- 10.00 - 10.30 Coffee Break
- 10.30 - 11.00 M. G. Lis (Queen's Ph.D. Project) Tectonic Evolution of the Kootenay Arc, Crawford Bay Area, B. C.
- 11.00 - 11.20 J. K. Glover (Queen's Ph.D. Project) Structural Analyses of Proterozoic rocks, southern Kootenay Arc, B. C.
- 11.20 - 11.40 G. L. Benvenuto (Queen's Ph.D. Project) Structural Evolution of the Hosmer Nappe.
- 11.40 - 12.00 P. R. Fenzor (Queen's M.Sc. Project) Structural Analysis of the Lewis Thrust Fault Around the Cate Creek and Haig Brook Victoria
- 12.00 - 1.40 Luncheon - McLaughlin Room, Students' Union Building.

- 1.40 - 2.00 J. van der Linden (Carleton Ph.D. Project) Late State Refolding in the Selkirk Mountains
- 2.00 - 2.20 C. Tippitt (Carleton M.Sc. Project) The Six Sanford Structure.
- 2.20 - 2.40 D. Shaw (Carleton M.Sc. Project) Tectonic Relationships in the Adamant Pluton.
- 2.40 - 3.00 Coffee Break
- 3.00 - 3.20 M. Perkins (Carleton M.Sc. Project) Correlation of Mt. Trident Structures and Stratigraphy Northwestward.
- 3.20 - 3.40 R. Leatherbarrow (Carleton M.Sc. Project) P-T Relationships During Deformation in the Northern Selkirk Mountains.
- 3.40 - 4.00 D. G. Gardner (Queen's Ph.D. Project) Metamorphism and Mechanics of Deformation in the Chancellor Formation of the Porcupine Creek Anticlinorium, Blackberry River Area, T. C.
- 4.00 - 5.00 General discussions.