

NEWFOUNDLAND MAPPING SECTION

Western Platform

1. **Svend Stouge** continued stratigraphic studies initiated by **Ian Knight** on the Cambro-Ordovician rocks of the Great Northern Peninsula and mapped a portion of the Hare Bay area.
2. **Richard Hyde** carried out check traverses in selected areas of the Deer Lake Basin. A final report is in progress.
3. **Ian Knight's** final memoir of the Carboniferous stratigraphy and sedimentology of the Bay St. George basin is approaching the final editing stage.

Central Mobile Belt

4. **Baxter Kean** carried out reconnaissance work in parts of west central Newfoundland. A final report integrating all previous work is in progress.
5. **Steve Colman-Sadd** and **H.A.J. Russell** mapped at 1:50,000 scale in the Miguels Lake (2D/12) map area.
6. **Frank Blackwood** and **L. Green** continued 1:50,000 scale mapping south of Gander Lake in the Great Gull Lake (2D/6) and Dead Wolf Pond (2D/10) map areas.
7. **Lesley Chorlton** did check work in the Grandy's Lake (110/15) map area. A preliminary report is in progress.
8. **Jim Hibbard** did reconnaissance work on the Baie Verte Peninsula and is completing a final memoir of that area.
9. **Ron Smyth** mapped the Cambro-Ordovician and Silurian rocks and Devonian granitoids in southern White Bay.
10. **Lawson Dickson** carried out detailed mapping in the southern contact zone of the Ackley Granite in the Long Harbour and Big Blue Hill Pond areas.

Avalon Zone

11. **Sean O'Brien** is preparing a colored 1:250,000 map of the Belleoram and St. Lawrence map areas. A preliminary blue-line open file has been released. Reports for the Baine Harbour - Point Enragee (1M/6-7) and Terrenceville - Gisborne Lake (1M/10-15) map areas are in progress.

LABRADOR MAPPING SECTION

Central Mineral Belt

12. **Bruce Ryan** completed 1:100,000 scale mapping of the Eastern Central Mineral Belt north of Kaipokok Bay.

Grenville Province

13. **Andy Thomas** completed mapping in the Red Wine Mountains area. A memoir is in progress.

14. **Charles Gower** mapped in the Cartwright region of the Grenville Province in parts of 13G and 13H map areas.

15. **Richard Wardle** mapped in the region around Churchill Falls in parts of 23H and 13E map areas.

16. **Ges Nunn** continued 1:100,000 scale geological mapping in the Grenville Front Zone concentrating on 13L (southwest) map area.

Northern Labrador

17. **John Hill** did reconnaissance work inland from Davis Inlet in an area which straddles the southwestern boundary of the Nain Igneous Complex and the Churchill Structural Province. A final report is in progress.

GEOCHEMISTRY SECTION

18. **Jim Butler** continued the geochemical lake sediment program in northwestern Newfoundland.

19. **John McConnell** continued geochemical and geophysical studies on base metal anomalies in the Labrador Trough near Schefferville.

MINERAL DEPOSITS SECTION

20. **Paul Dean** and **Jamie Meyer** carried out a metallogenic study of mid-Ordovician cherts and shales in the Notre Dame Bay area.

21. **Scott Swinden** continued the regional economic geological study of parts of the Central Mobile Belt. Field work in 1980 was concentrated in the Great Burnt Lake - Cold Spring Pond area.

22. **Ambrose Howse** carried out coal assessment in the St. Georges Bay and Deer Lake Carboniferous basins.

23. **Steve Tomlin** and **Dave Watson** continued the assessment of memorial and dimension stone potential for Insular Newfoundland. Their work concentrated in the Bishops Falls area with brief visits to the Stephenville, Fogo Island and Hermitage areas.

ENVIRONMENTAL GEOLOGY SECTION

24. Detailed aggregate assessment was done by **Fred Kirby** in the St. John's Urban Region and **Randy Ricketts** in the Gros Morne area.

25. **Byron Sparkes** carried out surficial and glacial mapping of the Snowshoe Pond map area in the Central Mobile Belt.

26. **Doug Vanderveer** did preliminary glacial mapping in the southern part of the Ackley Granite.

PUBLICATIONS AND INFORMATION SECTION

- **Alvin Harris** joined this section during the year and is continuing the program of collection and storage of exploration drill core.