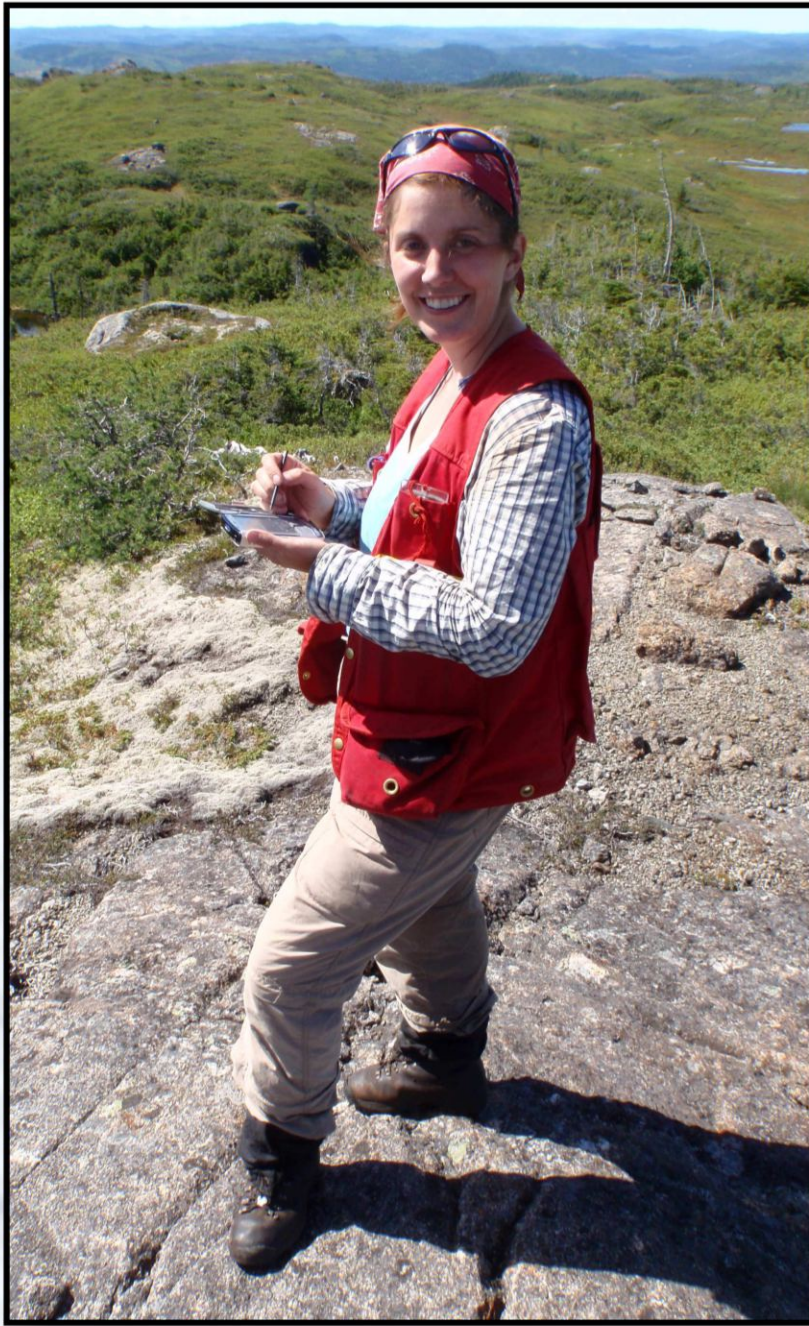


WHO WE ARE AND WHAT WE DO

Regional Geology Section

The Regional Geology Section is responsible for all bedrock mapping in the province as well as related geoscientific research. We provide the geological maps that support a diverse clientele, from the mineral exploration industry to prospectors, other government agencies and local communities.

Geologic maps provide critical information on the Earth around us and have many uses, from exploring for mineral resources to hazard assessment and every aspect of land-use planning and growth. Currently, there are eight staff members in the section; below highlights what we do.



ALANA HINCHEY

Senior Geologist

(B.Sc.(Hons.), Queen's; M.Sc., Memorial; Ph.D., Carleton)

Alana returned from leave in February 2012 to commence her new position as Senior Geologist with the Regional Geology Section. Prior to this, Alana had been a Project Geologist in this section since 2006. Alana is responsible for the section administration and project development, as well as keeping busy with various research projects. Current projects include completion of the digital database and maps of the Makkovik area and implementation of a regional provenance study along the coast of Labrador.



CHARLES F. GOWER

Project Geologist

(B.Sc., London; M.Sc., Leicester; Ph.D., McMaster)

Charlie has carried out 1:100 000-scale geological mapping in the Makkovik and Grenville provinces in eastern Labrador since joining the Survey in 1979. He prefers pictures of waterfalls to himself.

BRIAN O'BRIEN

Project Geologist

(B.Sc., Memorial; M.Sc., New Brunswick; Ph.D., Liverpool)

Brian joined the NL Geological Survey in 1986 where he has since pursued his interests in Appalachian – Caledonian tectonics and structurally-controlled mineral deposits. In 2012, he completed a detailed geological map of the Ordovician Catchers Pond Group and adjacent rocks in the Western Notre Dame volcanic belt. Work will continue on the production of a systematic series of bedrock geology maps that cover the central part of the Buchans – Robert's Arm volcanic belt.



IAN KNIGHT

Project Geologist

(B.Sc., Bristol; M.Sc. and Ph.D., Memorial)

Ian Knight has been mapping the Cambro-Ordovician stratigraphy and structure of the Laurentian platform of western Newfoundland for some 37 years. His present projects include deciphering the stratigraphy of the Labrador Group in Gros Morne and updating the 1:50 000 scale geological map of the Daniels Harbour area.

BRUCE RYAN

Project Geologist

(B.Sc., M.Sc., Memorial)



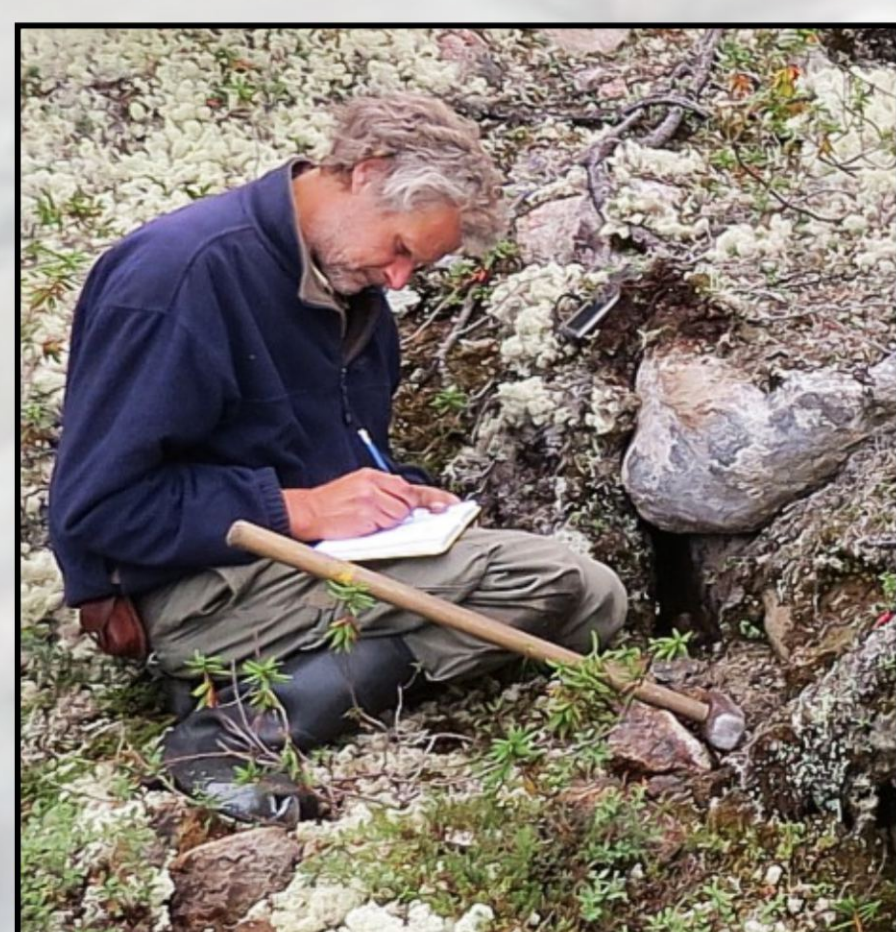
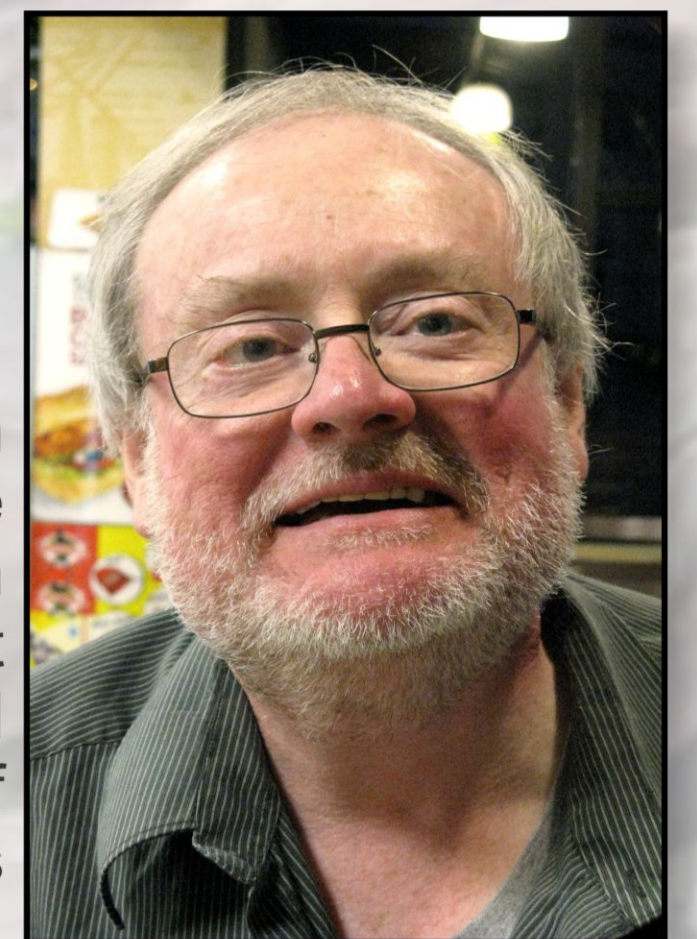
Having spent his undergraduate and graduate summers from 1972 to 1975 in Labrador, Bruce joined the Survey as a member of the newly-minted Labrador mapping group in 1976. His work since then has entailed 1:100 000- and 1:50 000-scale geological mapping of diverse sedimentary, igneous and metamorphic rocks underlying central Labrador, the coastal area north of Postville, parts of the country between Voisey's Bay and Okak Bay, and the Saglek-Hebron region.

DOUG BOYCE

Project Geologist

(B.Sc.(Hons.) and M.Sc., Memorial)

Doug is an internationally recognized published expert in Cambrian-Ordovician trilobites. With his long-time colleague Ian Knight, he is involved in several international research projects focusing on western Newfoundland and North-East Greenland; some of these have received National Geographic funding. Doug is also Associate Curator of Paleontology, Provincial Museum Division, The Rooms Corporation of Newfoundland & Labrador.



TIM VAN NOSTRAND

Project Geologist

(B.Sc. and M.Sc., Memorial)

Tim worked with the Survey as a student field assistant and geologist in the 1980s and 1990s, with regional mapping projects in the Grenville Province of Labrador. He joined the Survey in 2007 as a MODS geologist and as a full-time project geologist with the Regional Mapping Section in 2008. Tim recently completed a fourth field season carrying out a 1:50 000-scale bedrock mapping study of the stratigraphy, structure, metamorphism and mineralization of the Mesoproterozoic Seal Lake Group of the Central Mineral Belt in Labrador.



MONICA SQUIRES

Geologist

(B.Sc., Memorial)

Monica worked summers with the Survey starting in 2008 as a student assistant, and in 2011 joined the Mineral Deposits Section as a MODS geologist. In 2012, she moved to Regional Geology to address archiving issues within the section, and is currently working at cataloguing the Geological Survey's paleontology collection housed at the Natural History Annex of the Rooms Provincial Museum.