Research at the Atlantic Geoscience Centre, Geological Survey of Canada
Bedford Institute of Oceanography

M.J. Keen, Geological Survey of Canada
Atlantic Geoscience Centre, Dartmouth, N.S. B2Y 4A2

The Atlantic Geoscience Centre is a Division of the Geological Survey of Canada, and one of the constituent laboratories of the Bedford Institute of Oceanography in Dartmouth. The Centre has the general responsibility within the Federal Government to provide advice and information on a large part of Canada's offshore and on the sedimentary basins of eastern Canada. As a result, it undertakes a variety of research programs ranging from studies of pyrite in coals in Nova Scotia to scour by icebergs on the Labrador Shelf. The work which it does falls into several broad categories:

(1) Studies of the sedimentary basins onshore: these include studies of the coals and oil shales of eastern Canada and the biostratigraphy of the Permo-Carboniferous rocks.

(2) Studies of the Mesozoic/Cenozoic wedge of the continental margin offshore and of the gross earth structure associated with the margin.

(3) Studies of the ocean basins nearby such as the Labrador Sea and the Artic Ocean.

(4) Studies of modern marine geological processes: this work includes topics such as sedimentation of the Bay of Fundy, scour by ice in the offshore, and the distribution and origin of surficial sediments in the offshore in general.

Particular examples of current research will be used to illustrate their range, variety and use.