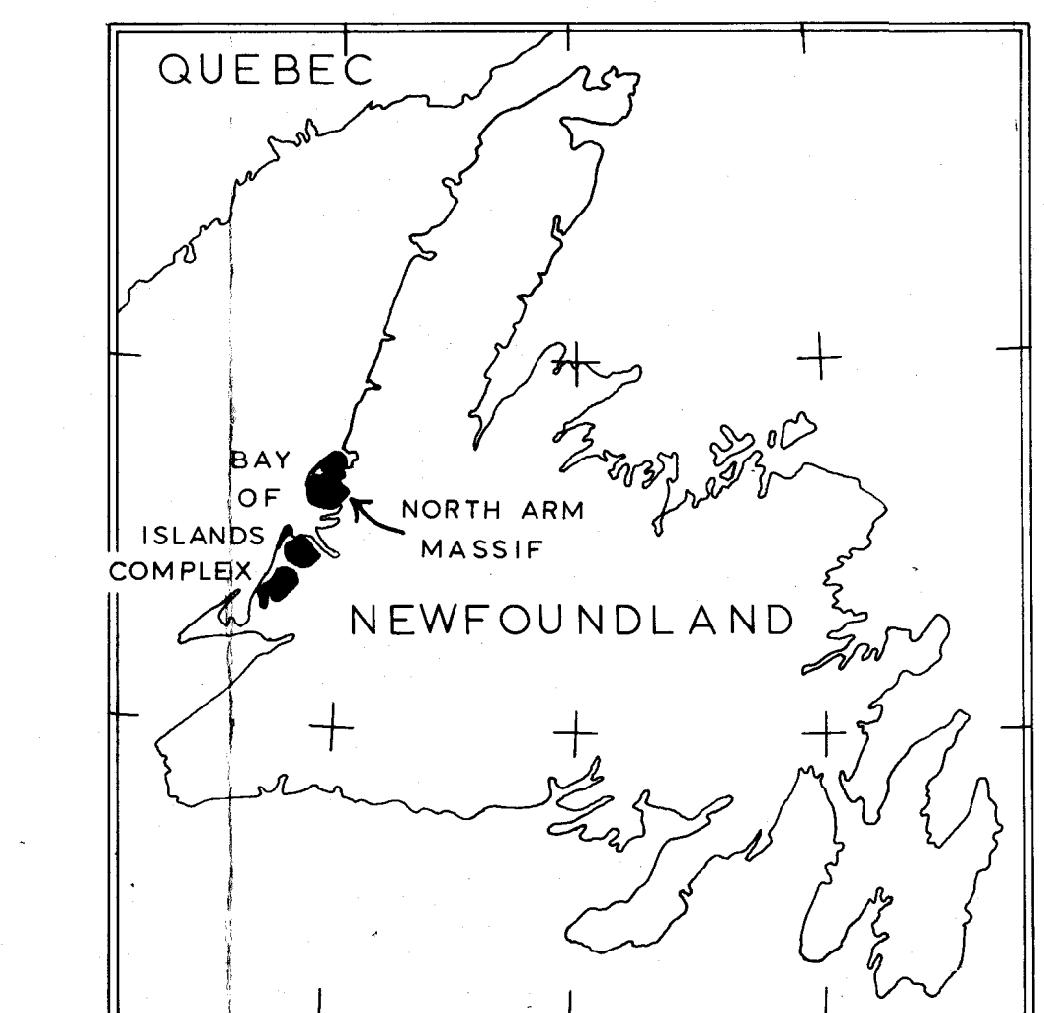


GEOLOGICAL MAP
OF THE
NORTH ARM MASSIF, NORTHERN PART
BAY OF ISLANDS OPHIOLITE COMPLEX
NEWFOUNDLAND, CANADA

APPROXIMATE SCALE 1:15840 // CONTOUR INTERVAL 250 FEET

1 KILOMETERS
0 1 2 3 4 5
5 THOUSAND FEET
0 5 10 15
1 MILE



MAP AND STRUCTURAL SYMBOLS

- Inclined 34 Strike and dip of 1) sedimentary layering; 2) diffuse composition layering in isotropic gabbro; 3) cumulate layering in layered gabbros' ultramafics.
- Vertical + With topographic direction Ponds and streams.
- Inclined 45 Outcrop.
- Inclined 34 Slump faults and fissures, ties on downthrown side.
- Inclined 70 Strike and dip of basalt lava flows.
- Inclined 34 Primary lithological contact, with estimated dip.
- Inclined 70 Gradational or diffuse lithological contact.
- Inclined 34 Secondary lithological contact.
- Inclined 23 Strike and dip of non-doleric injections; t=trondjemite or diorite; g=pegmatitic gabbro; d=dunite (in harzburgite).
- Inclined 73 Strike and dip of gabbro/gabbro contacts.
- Inclined 45 Trend and plunge of fold and boudin axes of ortho-harzburgite tectonite.
- Horizontal axis of thrust related folding.
- Large, steeply dipping ductile shear zone separating basalts and dolerite; of oceanic origin.
- Trace of faults, with measured and estimated dips.
- Trace of crush zones (cataclasis, intense phacoïdal cleavage), with measured dip.
- Trace of basal thrust, with teeth on overthrust sheet.
- + Location of extensive sulfide veining.
- e Location of epidote veining.
- t Location of thin trondjemite injections.
- mn Manganiferous basalt.
- Mine adit (abandoned).

STRUCTURAL (CROSS) SECTIONS ARE ON A SEPARATE SHEET.

