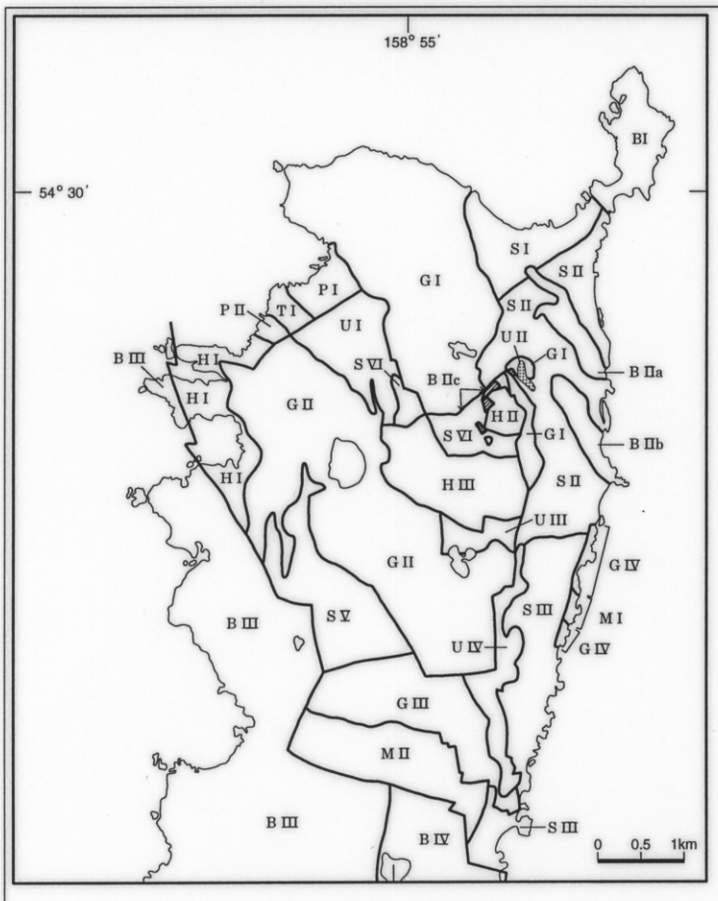
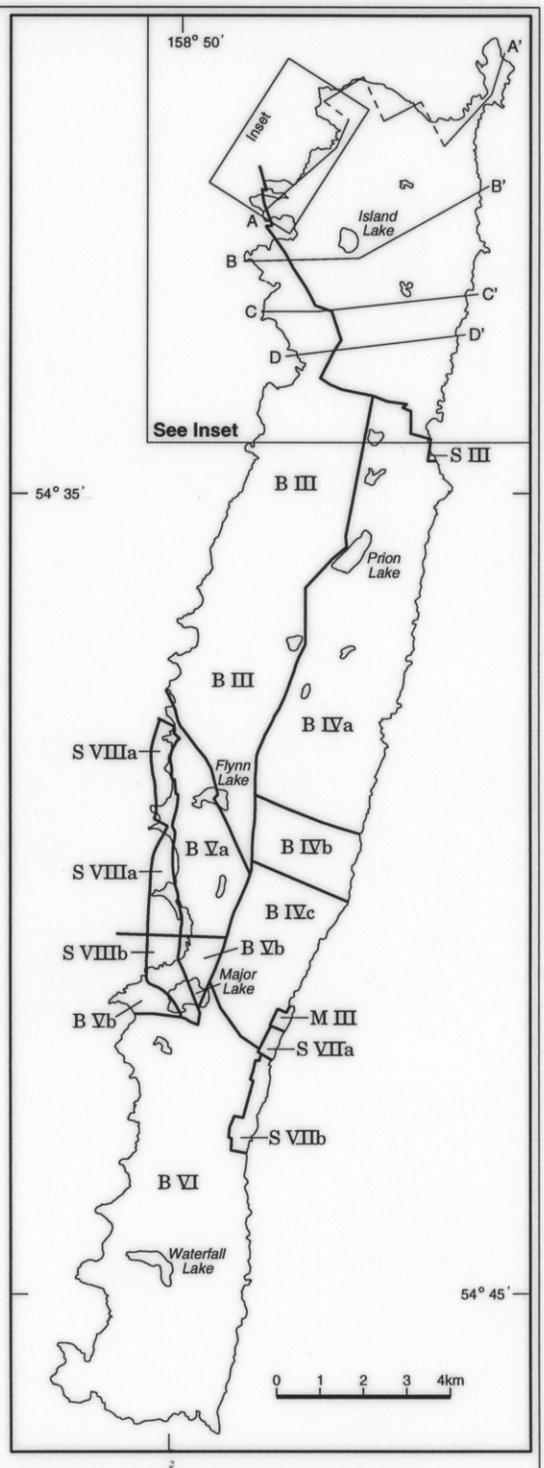
MACQUARIE ISLAND
ROCK ASSOCIATION DOMAINS

REPORT: FIELD RELATIONSHIPS IN OCEANIC CRUST **AUTHOR:** B.GOSCOMBE

MINERAL RESOURCES TASMANIA **DRAFTSPERSON:** A.J. HOLLICK JAN 97 **5625A**

5 cm





ROCK ASSOCIATION DOMAINS

Basalt Extrusives and Sediments Association

- BI *North Head*
- BIIa *Northern thrust sheet*
- BIIb *Nuggets thrust sheet*
- BIIc *Basalt outliers(diagonal shading)*
- BIII *Aurora Point*
- BIV *Brothers Point*
- BV *Sandell Bay*
- BVI *Hurd Point*

Sheeted Dolerite Dykes Association

- SI *West Swarm*
- SII *East Swarm*
- SIII *Sandy Bay Swarm*
- SV *Northeast Bauer Swarm*
- SVI *Central Swarm*
- SVII *Waterfall Bay Swarm*
- SVIII *Sandell Bay Swarm*

Microgabbro Transition Association

- MI *East Coast*
- MII *South Swarm*
- MIII *North Waterfall Bay Swarm*

Gabbro Association

- GI *North Gabbro*
- GII *Island Lake Gabbro*
- GIII *Bauer Gabbro*
- GIV *East Coast Gabbro*

Troctolite Association

- TI *West Coast Troctolite*

Plagioclase - Wehrlite and Dunite Association

- PI *Half Moon Bay*

Dunite and Harzburgite Association

- PII *Eagle Bay*

Undifferentiated Ultramafic Association

- UI *Half Moon Bay ultramafic*
- UII *North Mountain Wehrlite (shaded)*
- UIII *Plateau ultamafic*
- UIV *Mount Blair thrust sheet*

Harzburgite Association

- HI *West Coast Harzburgite*
- HII *Boot Hill Harzburgite*
- HIII *Plateau Harzburgite*

Domain boundary

Section lines