

MACQUARIE ISLAND

REPORT: FIELD RELATIONSHIPS IN OCEANIC CRUSTS

















AUTHOR: B.GOSCOMBE

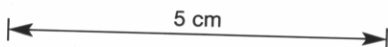
MINERAL RESOURCES TASMANIA

DRAFTSPERSON: A.J. HOLLICK

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|  | <i>Extrusives and sedimentary rocks.</i> |
|  | <i>Sheeted dolerite dykes (<30% gabbro screens).</i> |
|  | <i>Transition from gabbro to sheeted dolerite dykes (30-70% dolerite dykes).</i> |
|  | <i>Massive gabbro, layered gabbro indicated (<30% dolerite dykes).</i> |
|  | <i>Gabbro with 5-50% ultramafic screens.</i> |
|  | <i>Layered troctolite (20-80% low angle dolerite dykes)</i> |
|  | <i>Plagioclase-wehrlite, plagioclase-free wehrlite at North Mountain</i> |
|  | <i>Dunite and plagioclase-dunite.</i> |
|  | <i>Undifferentiated harzburgite with minor (20%) dunite and (<20%) plagioclase-wehrlite (up to 30% dolerite dykes).</i> |
|  | <i>Harzburgite with gabbro dykes and minor (<5%) dolerite dykes.</i> |
|  | <i>Orientation of compositional layering in intrusives.</i> |
|  | <i>Orientation of bedding in extrusives.</i> |
|  | <i>Orientation and trace of local unconformity in extrusive sequences.</i> |
|  | <i>Orientation of dolerite dyke.</i> |
|  | <i>Fault trace and inclination.</i> |
|  | <i>Thrust trace and inclination.</i> |



5 cm

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