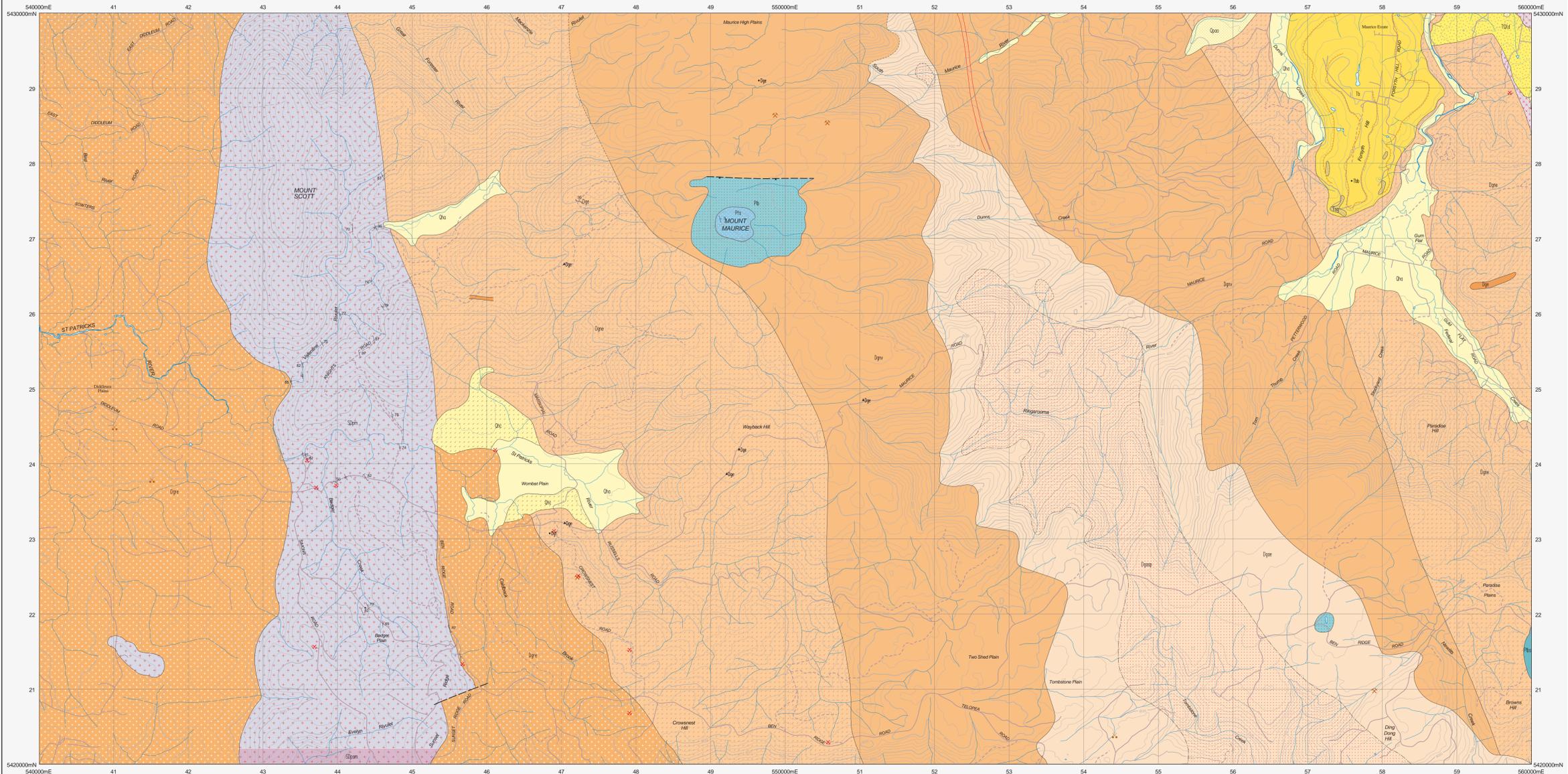


MAURICE

Scale: 1:25 000



CEANOZOIC	
QUATERNARY	<p>HOLOCENE</p> <ul style="list-style-type: none"> Qha Stream alluvium, swamp and marsh deposits (Qha). Qhc Colluvium (Qhc). Qptg Talus of dominantly granitic boulders (Qptg). Qpaa Older alluvium of river terraces (Qpaa). <p>PLEISTOCENE</p> <ul style="list-style-type: none"> Totd Probably older boulder deposits consisting dominantly of dolerite (Totd). Tsgr Quartz granite gravel probably derived from granitic rocks (Tsg, Basalt (Tb)). <p>Unconformity</p>
PALEOZOIC	<p>PERMIAN</p> <ul style="list-style-type: none"> Pfs Dominantly well-sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interstratified carbonaceous shales, lesser conglomerates and rare coal (correlate of Aberfoyle Formation) (Pfs). Pfb Poorly sorted pebbly mudstone, sandstone and minor conglomerates, marine fossils present in places (Pfb). Pfbz Dominantly thick-bedded to massive, medium- to coarse-grained quartz sandstone and minor conglomerate (Pfbz). <p>Unconformity</p> <p>TRIASSIC</p> <ul style="list-style-type: none"> Sbpm Undifferentiated Passamaquoddy Group rocks contact metamorphosed by granitic intrusion (Sbpm). Sbpm Dominantly fine-grained to medium-grained quartz-rich sandstone, with some interbedded siltstone. Contains vascular plant fossil fragments, contact metamorphosed by granitic intrusion (Sbpm). Sbpm Contact metamorphosed thin-bedded siltstone and minor quartz-rich sandstone (Sbpm) (possible correlate of Lone Star Siltstone).

CEANOZOIC - PALEOZOIC	
DEVONIAN	<p>IGNEOUS ROCKS</p> <ul style="list-style-type: none"> Tb Basalt (Tb), basaltite (Tba). <p>MINOR GRANITIC INTRUSIONS</p> <ul style="list-style-type: none"> Dgr Quartz-feldspar porphyry (Dgr). Dge Aplitic granite (Dge). <p>SCOTTSDALE BATHOLITH</p> <ul style="list-style-type: none"> Dgpe Medium- to coarse-grained, dominantly equigranular syenogranite/monzogranite with pale pink feldspar (Dgpe) (marginal phase of Tomabstone Creek Granite; I-type). Dgpaq Fine- to coarse-grained, sparsely to moderately porphyritic (quartz and K-feldspar) biotite alkali feldspar granitic/syenogranite (Dgpaq) (central phase of Tomabstone Creek Granite; I-type). Dgmv Medium- to coarse-grained variably equigranular, aegirine or sparsely porphyritic (K-feldspar) porphyrites up to 300m biotite-hornblende monzogranite (Dgmv) (Pisassic Road Granite; I-type). Dgpc Coarse- to very coarse-grained equigranular, biotite +/- hornblende monzogranite/granodiorite with pink to white feldspars (Dgpc) (Pisassic Road Granite; I-type). Dgpe Medium- to coarse-grained, equigranular biotite-hornblende granodiorite (Dgpe) (includes Oatfield Granodiorite in west and Porcupine Creek Granodiorite in east; I-type).

Geological boundary - position accurate or approximate.
Geological boundary - inferred.
Geological boundary - transitional.
Fault - position accurate or approximate.
Normal fault (downthrown side indicated) - position accurate or approximate.
Scarp of edge of basalt plateau.
Lineament visible in airborne magnetic data.
(white line) Limit of mapping of sub-unit within undifferentiated rock unit.

/ \ /	Strike and dip of bedding: facing known, overturned, facing unknown.
X	Strike of vertical bedding: facing unknown, facing indicated by single tic.
^	Strike and dip of cleavage of unspecified type and relative age.
^	Strike and dip of dyke or vein, rock type or mineral specified.
▲	Notable small float or log occurrence, with rock type indicated.
•	Notable small outcrop, with rock type indicated.
•	Field station for adjacent readings on the map.
⊗	Mineral deposit location - hardrock
⊗	Data derived from Mineral Resources Tasmania DEPOSITS database. Data point position has not been verified in every case.
⊗	Construction material/industrial mineral/gemstone location

Compiled by M.P. McClenaghan, B.Sc (Hons), Ph.D. 2005 from the following sources (see Responsibility Diagram):

A. McCLENAGHAN, M.P., EVERARD, J.L., GOSCOMBE, B.D., FINLAY, R.H. and CALVER, C.R. 1993. Geological Atlas 1:50 000 Series, Sheet 40 (8415) Alberton. Department of Mines, Tasmania.

B. LONGMAN, M.J., MATTHEWS, W.L. and ROWE, S.M. 1964. Geological Atlas 1:63 360 Series, Sheet 31 (8175). Launceston. Department of Mines, Tasmania.

C. Additional mapping by M.P. McClenaghan 2005.

REFERENCE THIS MAP AS:
McClenaghan, M.P. (compiler) 2006. Digital Geological Atlas 1:25 000 Series, Sheet 5442 Maurice, Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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