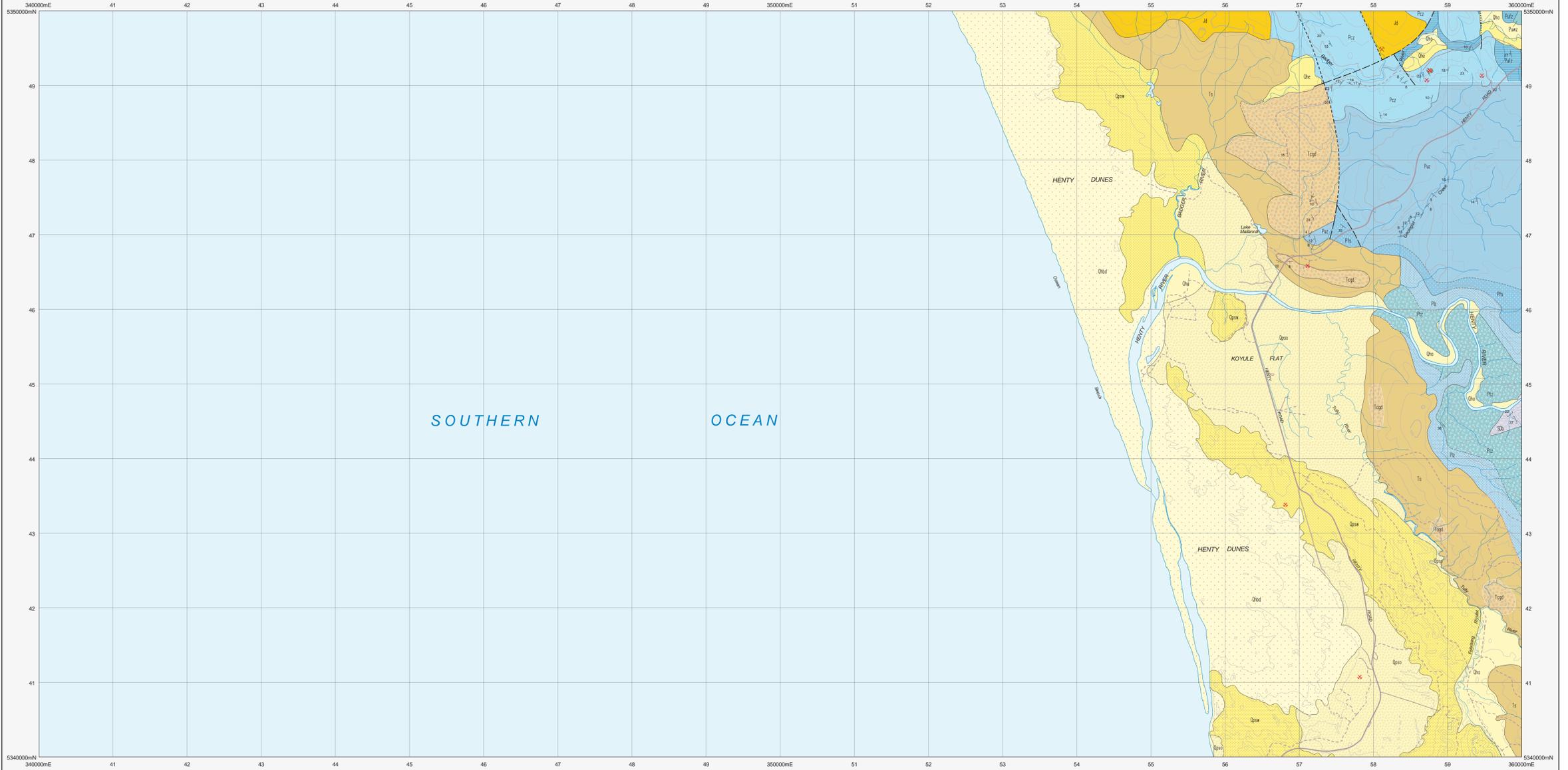


MALLANNA

Scale: 1:25 000



CENOZOIC	QUATERNARY	
	HOLOCENE	PLISTOCENE
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qhe	Fluvium (Qhe).
	Qhd	Younger active dune, beach sand and gravel (Qhd).
	Qpsa	Older aeolian sand and sand dunes (Qpsa).
	Qpsw	Older aeolian sand dunes (Qpsw).
PALEOCENE - MIOCENE	Ts	Dominantly non-marine sequence of gravel, sand, silt, clay and regolith (Ts).
	Tcgl	Poorly indurated siliceous pebbly to cobble conglomerate horizons containing more than 5% oolitic cists (Tcgl).
PERMIAN	Pc2	Freshwater quartz sandstone with minor mudstone, coal partings and other carbonaceous material. Soft sediment structures common (correlate of Cynget Coal Measures) (Pc2).
	Pufz	Dark grey, poorly sorted, often disturbed but essentially unfossiliferous siltstone and minor sandstone. (Pufz), siltstone, sandy siltstone and argillite with shales. Occasional fossil horizons (upper biostratigraphic sequence) (Pufz).
	Puwz	Poorly sorted, fossiliferous pebbly conglomeratic sandstone (Puwz).
	Pfs	Dominantly well sorted quartz sandstone, usually cross-bedded and commonly with interbedded and interminated carbonaceous shale, lesser conglomerate and rare coal (Pfs).
	Pfz	Block pyritic mudstone overlain by fossiliferous mudstone, shales present (Pfz).
	Ptz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Ptz).

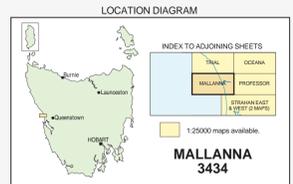
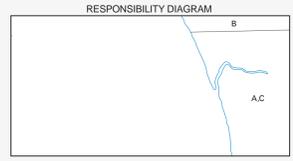
MESOZOIC	PALEOZOIC	
	SILURIAN - DEVONIAN	ELDON GROUP
	Sdb	Grey or greenish grey interbedded laminated mudstone, siltstone and minor fine-grained quartz sandstone (Ball Shale and correlatives) (Sdb).
JURASSIC	Jd	Dolerite (Jd).

INTRUSIVE ROCKS

- Geological boundary - position accurate or approximate.
- Geological boundary - inferred.
- Geological boundary - defined from airborne magnetics.
- Fault - position accurate or approximate.
- Fault - inferred.
- Fault - concealed.
- (White line) Limit of mapping of sub-unit within undifferentiated rock units.

- Strike and dip of bedding, facing known - right way up.
- Strike and dip of bedding, facing unknown.
- Strike and dip of cleavage of unspecified type and relative age.
- Generalised paleocurrent direction.
- Construction material/industrial mineral/gemstone location - Data derived from Mineral Resources Tasmania, GEMGITS data base. Data point position has not been verified in every case.

Compiled by M.J. Vicary, B.Sc.(Hons), 2004 as part of the Western Tasmania Regional Geology Program from the following sources (see Responsibility Diagram):
 A. BAILEY et al. 1977. Strathairn Geological Atlas 1:50 000 Series, Sheet 7913N, Department of Mines, Tasmania.
 B. BROWN et al. 1994. Zeehan Geological Atlas 1:50 000 Series, Sheet 8219-15, Department of Mines, Tasmania.
 C. Additional information based on airphoto and WTRMP geophysical data interpretation.



REFERENCE THIS MAP AS:
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 GDAS4 - MGA Zone 55. Contour interval: 20 metres.
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