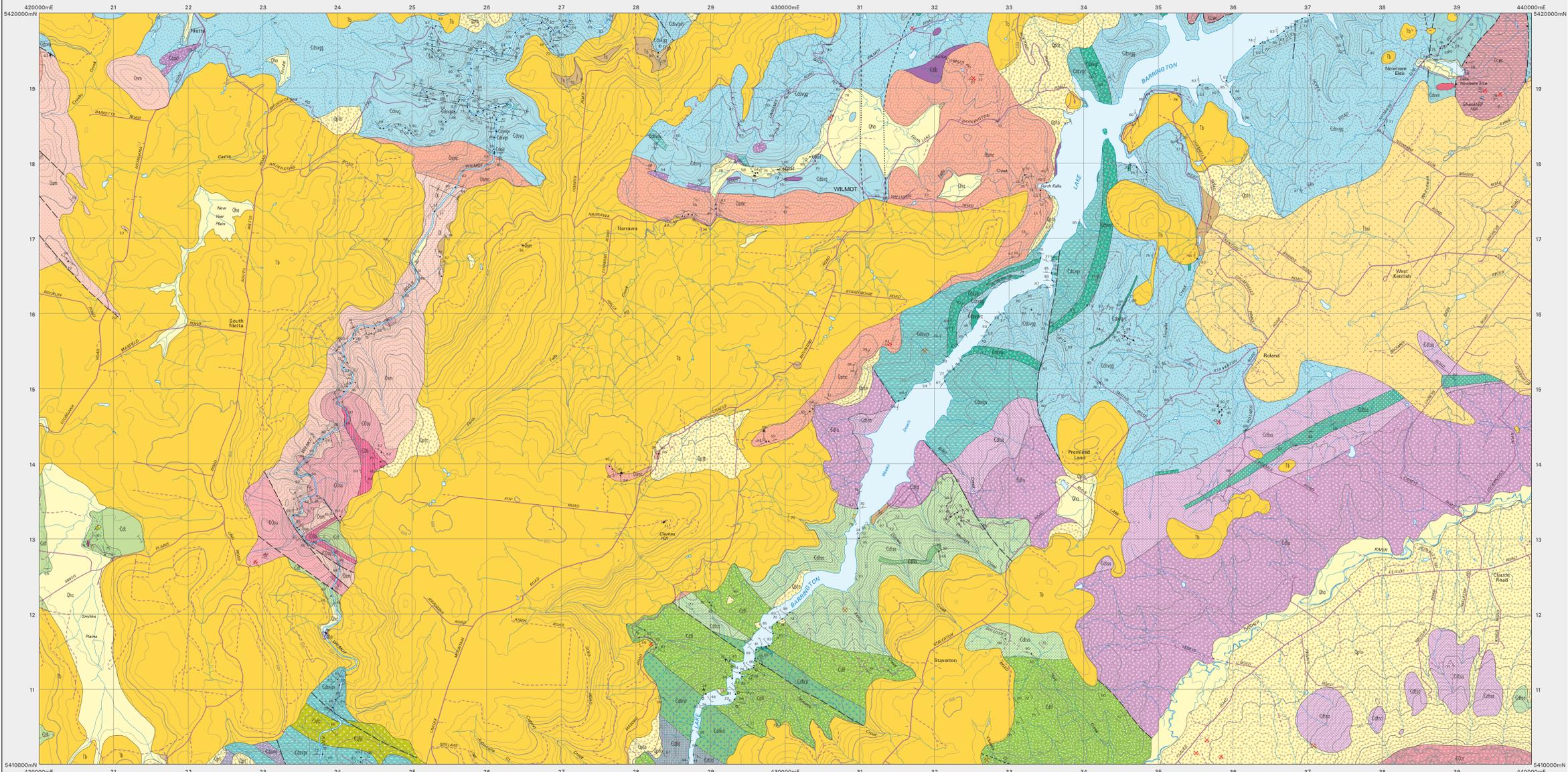
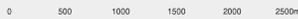


WILMOT

Scale: 1:25 000



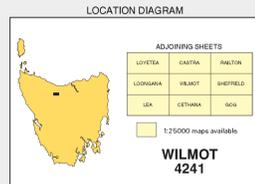
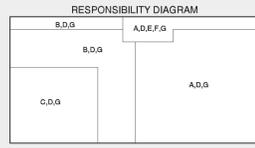
PERIOD	UNIT	DESCRIPTION
QUATERNARY	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qta	Talus (Qta). Quartzite and conglomerate talus (Qato). Cambrian volcanic talus (Qvta). Basalt talus (Qbt).
	Qsa	Basalt and intercalated sands, clays and conglomerate, usually deeply weathered; inferred from water bare logs and sparse veg (Qsa). Basalt (Ts).
TERTIARY	Tb	Basalt and intercalated sands, clays and conglomerate, usually deeply weathered; inferred from water bare logs and sparse veg (Qsa). Basalt (Ts).
	Ts	Dominantly non-marine sequences of gravel, sand, silt clay and regolith (Ts).
ORDOVICIAN	Oi	Limestone sequence with siltstone in some areas (Oi).
	Oam	Pale grey to pink commonly cross-bedded quartz sandstone, coarse and pebbly in places, tabular trace fossils on some horizons (correlate of Moon Sandstone) (Oam).
	Oanc	Lower facies of thick-bedded grey/purple/red silicified, granule-pebble conglomerate and coarse sandstone. Clasts of pink chert and quartzite common, volcanic clasts in places. Some bioturbated horizons (Oanc).
LATE CAMBRIAN	COsu	Mainly pink sandstone and granule-pebble conglomerate with minor siltstone. Clasts of chert common. Some trace fossils. (Correlate of Upper Owen Sandstone) (COsu).
	COcr	Basalt, typically hematite-tered, fine grained, purple weathering. Massive to brecciated, cleaved, vesicular with rare pillow structures (COcr).
PALEOZOIC	Edta	Felsic to intermediate volcanoclastic, volcanic and sedimentary rocks. Late Middle Cambrian fossils in places. Tyndal Group and correlative (Eda).
	Edta	Mainly volcanoclastic conglomerate and sandstone with minor mudstone. Sparse quartzite clasts and clasts of granite in places (Eda).
	Edta	Mainly quartz-feldspar phytic massive volcanoclastic sandstone with some pebble conglomerate with clasts of quartz-phyric rhyolite and rare quartzite (Edta).
	Edta	Volcanoclastic siltstone, typically massive (Edta).
	Edta	Rhyolite lava and breccia, usually quartz-feldspar-phyric (Edta).
MIDDLE CAMBRIAN	Edta	Aphyric banded rhyolite (Edta).
	Edta	Mainly rhyolite lava, typically plagioclase-phyric, with some quartz-feldspar-phyric rhyolite (Edta).
MIDDLE CAMBRIAN	Edta	Dacitic lava, typically plagioclase +/- quartz-phyric (Edta).
	Edta	Andesitic lava and associated volcanoclastic rocks, typically plagioclase-phyric. Minor plagioclase-phyric dacite lava, basalt lava, andesitic volcanoclastic sediments and breccia (Edta).
MIDDLE CAMBRIAN	Edta	Mainly andesitic volcanoclastic sandstone with minor siltstone and conglomerate, typically with mineral plagioclase and pyroxene and clasts of andesite.
	Edta	Minor felsic detritus and quartzite clasts in some areas (Edta).
MIDDLE CAMBRIAN	Edta	Basal-cobble granitic conglomerate, with quartzite and chert clasts and some interbedded coarse sandstone (Edta).
	Edta	

PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Edvga	Marine volcano-sedimentary and sedimentary sequences of sandstone, siltstone, mudstone, conglomerate and breccia with some felsic to andesitic volcanic rocks (Dog Range Greywacke) (Edvga).
	Edvga	Dominantly non-volcanic sandstone and siltstone, typically siliceous-micaceous massive to thinly bedded (Edvga).
	Edvga	Laminated siltstone and mudstone with minor sandstone (Edvga).
MIDDLE CAMBRIAN	Edvga	Dominantly siliceous conglomerate and sandstone, typically rich in quartzite clasts (Edvga).
	Edvga	Coarse-grained polymict conglomerate with clasts of basalt, chert, siltstone and limestone (Spratt Formation) (Edvga).
MIDDLE CAMBRIAN	Edvga	Predominantly quartz-feldspar phytic porphyroclastic sandstone and siltstone. Minor quartzite and schist clasts (Edvga).
	Edvga	Volcanoclastic sandstone and pebble conglomerate, typically quartz-feldspar phytic, with quartz-feldspar rhyolite clasts, rare chert and quartzite clasts (Edvga).
MIDDLE CAMBRIAN	Edvga	Dacitic lava, typically plagioclase-phyric, may include some shallow intrusives (Edvga).
	Edvga	Predominantly fine grained silty volcanoclastic siltstone, with minor basalt and siltstone (Edvga).
MIDDLE CAMBRIAN	Edvga	Felsic to dark grey or black, distinctly bedded and plane laminated to massive or brecciated chert with minor red and grey siliceous hematitic mudstone and siltstone (Barington Chert and correlative) (Edvga).
	Edvga	
INTRUSIVE ROCKS	Kam	Quartz melanite (Kam).
	Edc	Basaltic dykes, typically chlorite-carbonate altered (Edc).
	Edb	Quartz biotite diorite (Edb).
	Eda	Massive plagioclase-hornblende phytic diorite, andesitic and dacitic intrusives (Eda).
	Edp	Quartz-feldspar porphyry-dominant intrusive (Edp).
INTRUSIVE ROCKS	Eda	Dacitic lava, typically plagioclase-phyric, may include some shallow intrusives (Eda).
	Eda	

SYMBOL	DESCRIPTION
—	Geological boundary - position accurate or approximate.
- - - - -	Geological boundary - inferred.
- · - · - ·	Transitional geological boundary - position accurate or approximate.
- · - · - ·	Uncertain boundary - position accurate or approximate.
- - - - -	Intrusive boundary - position accurate or approximate.
- - - - -	Fault - position accurate or approximate.
- - - - -	Fault - inferred.
- - - - -	Fault - concealed.
- - - - -	Thrust fault (teeth on upper plate) - position accurate or approximate.
- - - - -	Kiva surface trace of major system.
- - - - -	Limit of mapping of sub-unit within undifferentiated rock unit (colour boundary).

SYMBOL	DESCRIPTION
↗	Strike and dip of bedding - right way up; overturned.
↘	Strike and dip of bedding facing unknown - dipping vertical.
↖	Strike and dip of cleavage of unspecified type and relative age - dipping vertical.
↗	Strike and dip of cleavage or foliation, relative to local age - 35-50.
↖	Trend and plunge of lineation of unspecified type.
↗	Trend and plunge of mineral elongation lineation.
↖	Trend and plunge of mineral fold hinge line, unspecified relative age.
↗	Trend and plunge of hinge line of unspecified relative age - minor antiform, minor synform.
↖	Strike and dip of dominant joint set - dipping vertical.
↗	Trend of dike or vein, rock type or mineral specified by RCODE in Point Attribute Table.
↖	Trend of dike or vein, rock type or mineral specified by RCODE in Point Attribute Table.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
✕	Mineral deposit location - hardrock Data derived from Mineral Resources Tasmania DEPOSIT data base. Data point position has not been verified in every case.
✕	Mineral deposit location - alluvial Data derived from Mineral Resources Tasmania DEPOSIT data base. Data point position has not been verified in every case.
✕	Construction materials location - Data derived from Mineral Resources Tasmania DEPOSIT data base. Data point position has not been verified in every case.

Compiled by M.P. McCloughan and D.C. Green, 1997 from the following sources (see Responsibility Diagram):
A 1:25,000 mapping by M.P. McCloughan, 1996.
B 1:25,000 mapping by D.C. Green, 1996.
C PEMBERTON, J. and VICARY, M.J. 1989. Map 9 Geology of the Waterbrook-Moira area. Mount Peel Volcanics Project. Geological Survey of Tasmania.
Updated by:
D K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program.
E M.P. McCloughan, 2007. Reconnaissance Geological Mapping.
F POTOCK, R. 2002. Ground truthing aeromagnetic and radiometric features, Northern Tasmania. Tasmania Geological Survey Record 2002/20. Mineral Resources Tasmania.
G M.J. Vicary, 2007 as part of the Tax/Easy Project.



REFERENCE THIS MAP AS:
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A0064 - AMG Zone 55. Contour Interval: 20 metres.
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