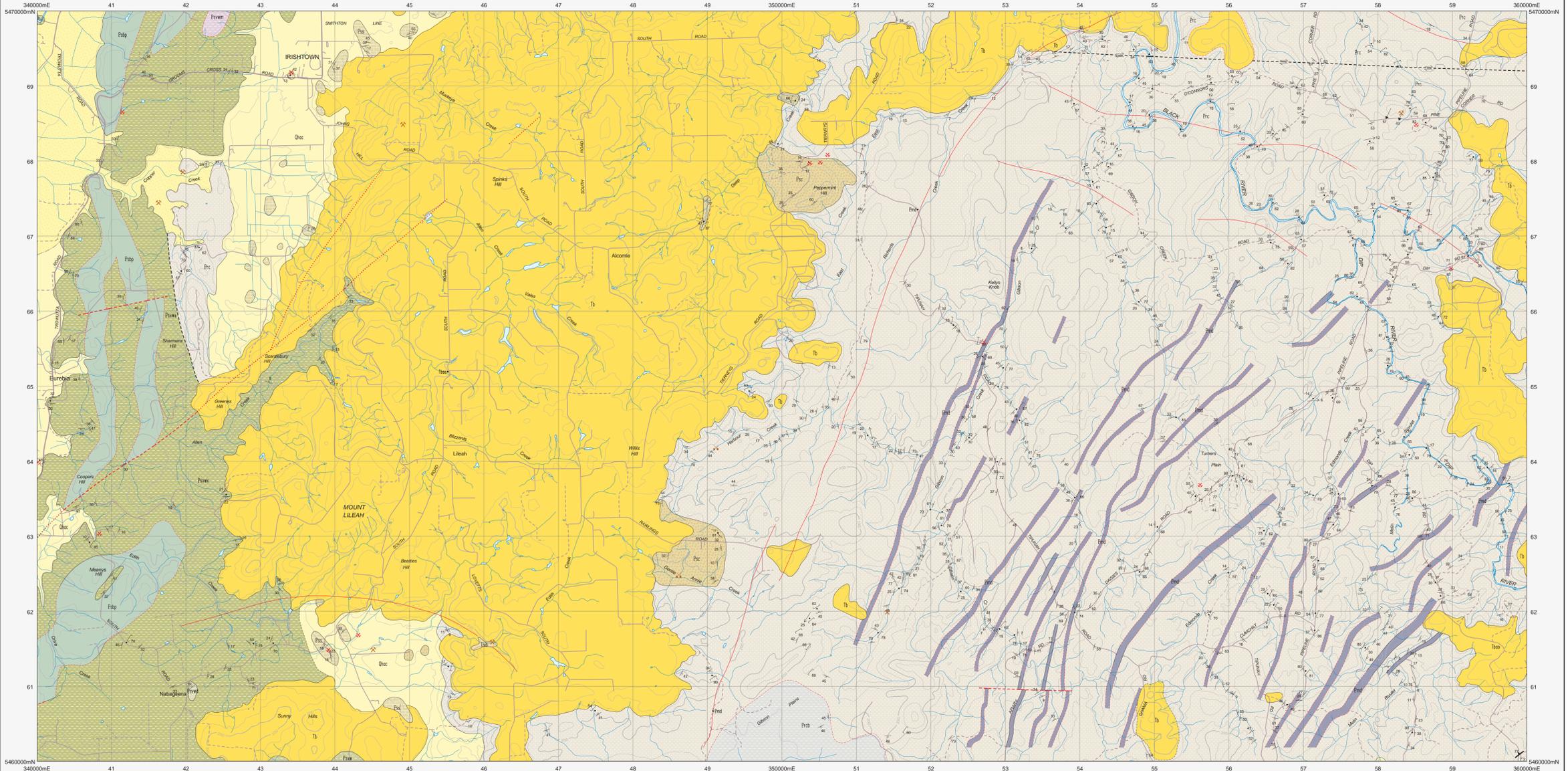


LILEAH

Scale: 1:25 000



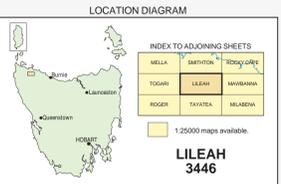
PERIOD	UNIT	DESCRIPTION
CENOZOIC	Quaternary	Aluvium and colluvium - including alluvial deposits of sand, clay-rich sand or gravel, silt and slope-wash deposits, swamp deposits of sand, clay and peat, and deposits rich in chert (derived with associated soil from underlying Proterozoic dolomite sequences) (Qac).
	Other stabilised erosion sand of predominantly coastal plain, with underlying marine sands in places; may show relict landforms including terraces, lunettes, linear or barrow dunes, and beach ridges related to regressive transgression of Last Interglacial Stage (Qpsa).	
PALEOZOIC	Tb	Basalt lava (Tb); alkali olivine basalt indicated (Tbas).
	Tsb	Intrusives of andesite, clay, lignite and quartz-stone (silicate or greyish) (Tsb).
NEOPROTEROZOIC	Psd	Well bedded to massive, shallow marine dolomite and dolomitic limestone, of subtidal to supratidal facies, and cherty silicified equivalents in some localities (Ctd). (Correlate of Silurian Dolomite).
	Psbp	Interbedded silic wackes (massive to well bedded, turbiditic and/or mafic volcanoclastic in part), laminated siltstone/mudstone, and minor polymictitic conglomerate, include some occurrences of coarse breccia or matrix with casts of mafic volcanic rocks (Psbp). (Correlate of Kessel Creek Formation; may include some equivalents of Croes Hill Murite).
	Psvm	Massive and amygdaloidal, dominantly tholeiitic basalt, commonly with pillows (Psbp). (Correlate of Spinks Creek Volcanics).
	Psvw	Interbedded dolomitic siltstone and laminated dolomite within Kessel Creek Formation (Psvw). Non-volcanic units with positive magnetic signature within Kessel Creek Formation, probably ferruginous siltstone or conglonite, with lateritic soil development in some areas (Psvm).
	Pss	Interbedded dolomite, chert, siltstone and mudstone (Pss). (Correlate of Black River Dolomite).
7-MESO-PROTEROZOIC	Prc	Interbedded, dark, dark grey and green, commonly pyritic, laminated siltstone and mudstone, with rare conglonite and mud conglonite (Prc). (Major unit of distalities).
	Prcb	Chert-conglomerate (Prcb) to olive green laminated siltstone (Prcb). (Prcb: conglonite of Croes Hill).

SYMBOL	DESCRIPTION
Tb	Basalt lava (Tb); alkali olivine basalt (Tbas).
Psbp	Massive and amygdaloidal, dominantly tholeiitic basalt, commonly with pillows (Psbp). (Correlate of Spinks Creek Volcanics).
Prcb	Dolerite dyke (Prcb).
—	Geological boundary - position accurate or approximate.
- - -	Geological boundary - inferred.
- · - · -	Geological boundary - transitional. Position of this boundary between units Qac and Qpsa is very approximate and indicative only.
- · - · -	Geological boundary, unspecified type, inferred from airborne magnetic and/or radiometric data.
—	Lineament visible in airborne magnetic and/or radiometric data.
- - - - -	Fault, unspecified type, inferred.
- · - · -	Fault, unspecified type, inferred from airborne magnetic and/or radiometric data.
- · - · -	Fault, unspecified type, concealed, inferred from airborne magnetic and/or radiometric data.
- - - - -	Strike-slip fault, dextral, inferred.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

SYMBOL	DESCRIPTION
↘ ↙	Strike and dip of bedding - facing known; facing unknown; vertical, facing unknown.
↘ ↙	Strike and dip of cleavage, type and relative age unspecified - oblique, vertical.
↗ ↘ ↙ ↚	Trend and plunge of hinge line of minor fold, relative age unspecified; with horizontal hinge line; with dip and dip direction of axial surface; vertical axial surface.
↗ ↘ ↙ ↚	Trend and plunge of hinge line of minor fold, relative local age F2.
↘ ↙	Strike and dip of outcrop-scale thrust fault.
•	Notable small outcrop with rock unit indicated.
—	Mineral deposit location - hardrock.
—	Mineral deposit location - alluvial/telluric.
—	Construction material/industrial mineral/gemstone location.

Compiled by D.B. Seymour, B.Sc.(Hons), PH.D. (2003) from the following sources (see responsibility diagram):

A. LENNOX, P.G., CORBETT, K.D., BAILLIE, P.W., CORBETT, E.B. and BROWN, A.V. 1982. Geological Atlas 1:50 000 Series, Sheet 21 (79) 853, Southern Department of Mines Tasmania. Re-compiled from original 1:15 840 compilations and original structural data, with modifications and additions based on interpretation of airborne magnetic and radiometric data collected under the Western Tasmania Regional Minerals Program 2001.



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GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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