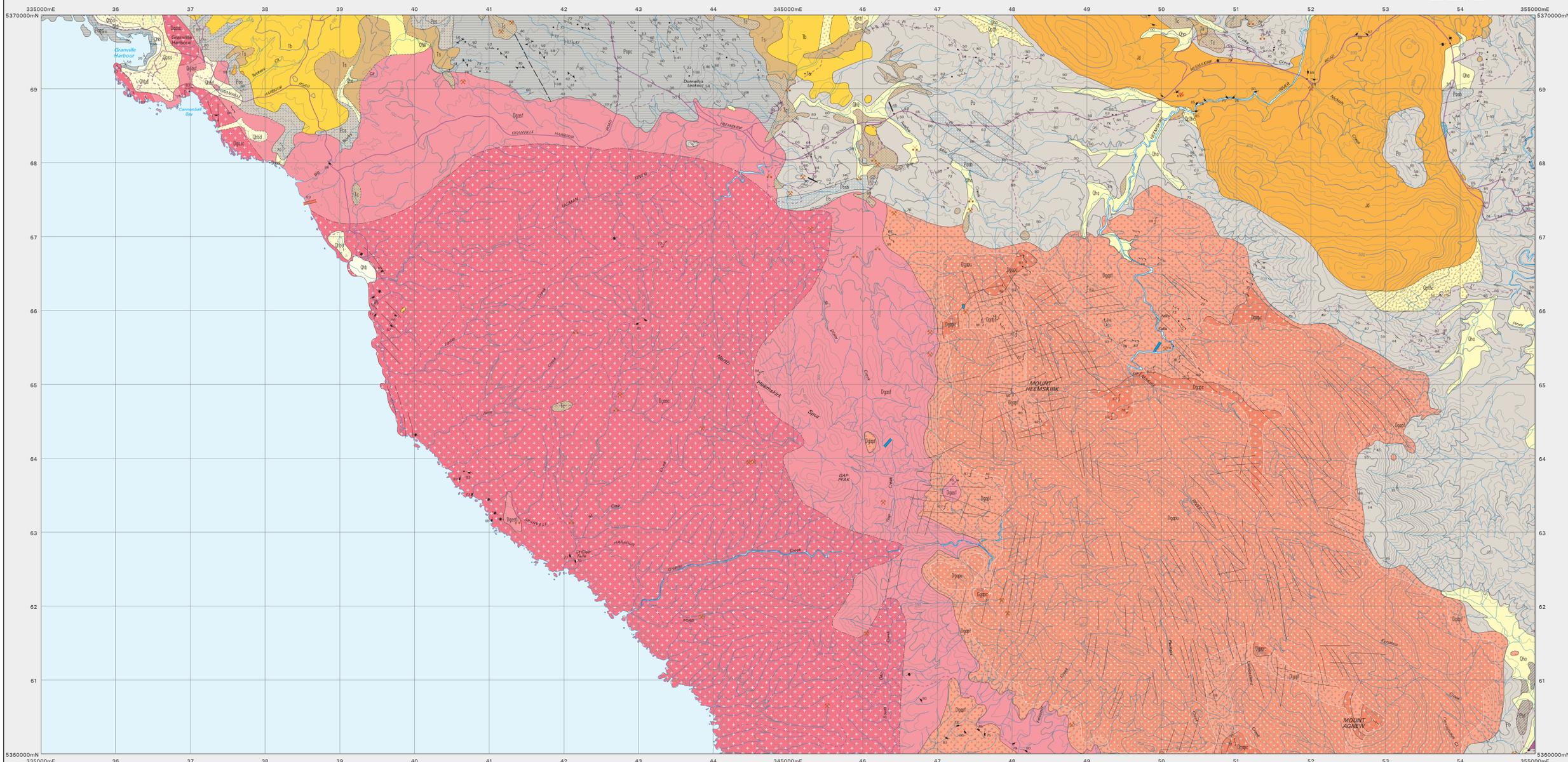
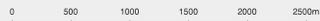


# HEEMSKIRK WEST

Scale: 1:25 000



## COMPOSITE LEGEND FOR HEEMSKIRK EAST AND HEEMSKIRK WEST

EPOCH	UNIT	DESCRIPTION	SYMBOL
QUATERNARY	HELOCENE	Qha	Stream alluvium, swamp and marsh deposits (Qha).
		Qhe	Eluvium (Qhe).
		Qhb	Beach sand (Qhb).
		Qhd	Younger active dunes, beach sand and beach gravel (Qhd).
		Qps	Older aeolian sand and sand dunes (Qps).
TERTIARY		Ts	Imperforated horizons of basalt (Tb), including local occurrence of transitional siliceous basalt (Tst) at 545230mE, 536920mN.
		Tc	Sand silt and clay (Tc).
		Tg	Conglomerate gravel and grit (Tg).
CARBONIFEROUS		Plz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Plz).
		Col	Undifferentiated volcanoclastic to polymict sandstone-mudstone-conglomerate sequences (Col), (correlate of Tyndal Group).
NEO-PROTEROZOIC		Popc	Calcareous quartzite (Popc).
		Posb	Pale weathering siltstone and shale with black pyritic carbonaceous shale (Posb).
		Poc	Pale weathering siltstone and shale (Poc).
		Pob	Mafic vesiculate lavas (Pob).
		Pof	Ironstone derived from mineralised (magnetite) carbonate within Pof (Pof).

### INTRUSIVE AND ALLOCHTHONOUS IGNEOUS ROCKS

EPOCH	UNIT	DESCRIPTION	
MESOZOIC	JURASSIC	Jd	Dolerite (Jd).
		qt	Quartz-tourmaline as vein or small body (qt).
DEVONIAN	Dgh	Apilite (Dgh).	
	Dgsc	Coarse-grained, leucocratic, equigranular biotite granite/adamellite with sparse to common patches and nodules of quartz-tourmaline (Dgsc).	
	Dgaf	Fine- to medium-grained, leucocratic, equigranular to porphyritic (feldspar and quartz) biotite oligoclase granite/biotite with sparse to common patches and nodules of quartz-tourmaline (Dgaf).	
	Dgpf	Fine- to coarse-grained generally porphyritic (feldspar and quartz) pink biotite granite/adamellite. Variably developed patches and nodules of quartz-tourmaline (Dgpf).	
PALAEOZOIC	Dgpc	Coarse- to very coarse-grained, equigranular, pink biotite granite/adamellite. Variably developed sparse patches and nodules of quartz-tourmaline (Dgpc).	
	Esm	Undifferentiated serpentinised layered pyroxenite, peridotite, gabbro and basalt (Esm), undifferentiated basalt and gabbro (Esb). Massive to pillowed, aphyric basalt flows with interbedded breccia flows (Cam).	
	Egm	Medium- to coarse-grained gabbro (Egm).	
EARLY CAMBRIAN	Ecm	Fine- to medium-grained gabbro (Ecm).	
	Csm	Ironstone capping on massive serpentine (Csm).	
		Cm	Massive serpentine (Cm).

- Geological boundary - position approximate
- Geological boundary - inferred
- Transitional geological boundary - position approximate
- Limit of mapping of subunit within undifferentiated rock unit 'colour boundary'
- Photo lineament
- Fault - position approximate
- Thrust fault (teeth on upper plate) - position approximate
- Thrust fault (teeth on upper plate) - concealed

- Strike and dip of bedding - right way up; overturned.
- Strike and dip of bedding, face unknown - dipping, vertical.
- Strike and dip of cleavage or foliation, relative local age S1 - dipping, vertical.
- Strike and dip of cleavage or foliation, relative local age S2 - dipping, vertical.
- Strike and dip of kink band with sense of displacement viewed down plunge - dextral; sinistral.
- Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface, with vertical axial surface.
- Trend and plunge of minor fold hinge line, relative local age F2, with dip and dip direction of axial surface.
- Strike and dip of dyke or vein, rock type or mineral specified by RCODE in Point Attribute Table - dipping, vertical.
- Strike and dip of dominant joint set - dipping, vertical.
- Strike and dip of outcrop-scale fault, type unspecified.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock - Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.
- Mineral deposit location - alluvial - Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.
- Construction materials location - Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

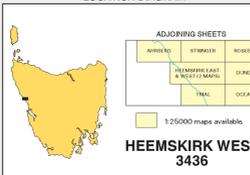
Compiled by D.B. Seymour, M.P., McClenaghan 1998 and M.J. Vicary 2004 from the following source (see responsibility diagram):  
A. Brown, A.V. Findlay, R.H. Goscombe, B.D. McClenaghan, M.P., and Seymour, D.B., 1994. Ziemsen, Geological atlas 1:50,000 series sheet 50 (7914S). Department of Mines, Tasmania.

Base data from the UST, Copyright State of Tasmania.  
Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software, ArcView - ArcMap 9.0. Contour Interval: 20 metres.

#### RESPONSIBILITY DIAGRAM



#### LOCATION DIAGRAM



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