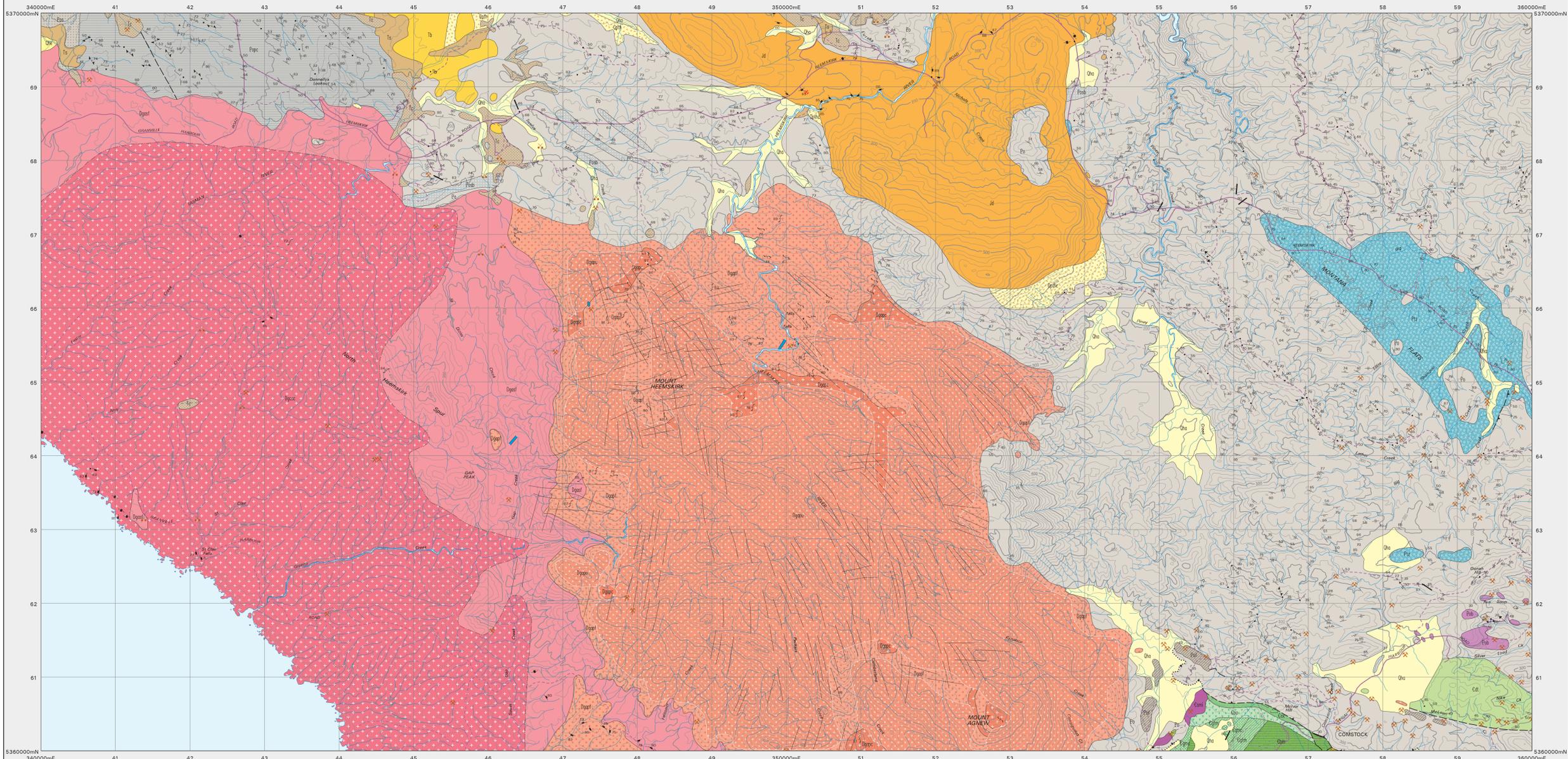
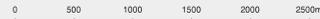


HEEMSKIRK EAST

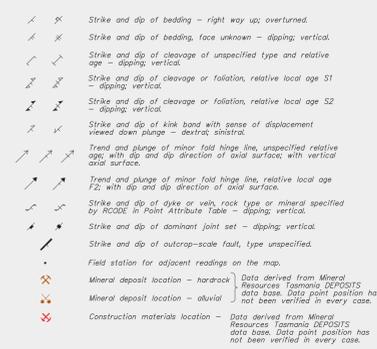
Scale: 1:25 000



COMPOSITE LEGEND FOR HEEMSKIRK EAST AND HEEMSKIRK WEST

CANGAZOIC	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).
			Qpsa	Older aeolian sand and sand dunes (Qpsa).
	TERTIARY		Tb	Impersistent horizons of basalt (Tb), including local occurrence of transitional olivine basalt (Tbx) at 545230mE, 5369210mN.
			Ts	Sand silt and clay (Ts).
			Tc	Conglomerate gravel and grit (Tc).
				Unconformity
PALAEOZOIC	CARBONIFEROUS	Ptz	Tillite and associated glaciogenic rocks (correlate of Wynyard Tillite) (Ptz).	
			Unconformity	
MIDDLE CAMBRIAN		Col	Undifferentiated volcanoclastic to polymict sandstone-mudstone-conglomerate sequences (Col), (correlate of Tyndal Group).	
			Unconformity	
PROTEROZOIC	NEO-PROTEROZOIC	Ppqc	Calcareous quartzite (Ppqc).	
		Ppsb	Pale weathering siltstone and shale with black pyritic carbonaceous shale (Ppsb).	
		Pps	Pale weathering siltstone and shale (Pps).	
		Pvb	Mafic vesiculate lavas (Pvb).	
		Pva	Ironstone derived from mineralised (magnetite) carbonate within Pva (Pva).	

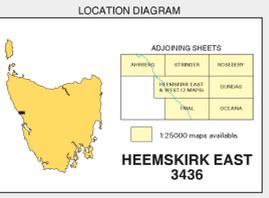
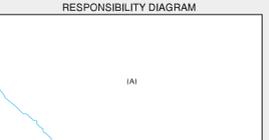
MESOZOIC	JURASSIC	Jd	Dolerite (Jd).		
		qt	Quartz-tourmaline as vein or small body (qt).		
	DEVONIAN	Dgh	Apilite (Dgh).		
		Dgaf	Coarse-grained, leucocratic, equigranular biotite granite/adamellite with sparse to common patches and nodules of quartz-tourmaline (Dgaf).		
		Dgaf*	Fine- to medium-grained,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



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. Geology. Geological atlas 1:50,000 series sheet 50 (79145). Department of Mines, Tasmania.

Base data from the LIST, 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.



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