

## REFERENCE

? PALAEOZOIC ? PERMIAN		Qra	Alluvium and river gravel	
		Qrl	Lake deposits—clay and gypsum	
		Qqs	Eolian sands—sheet sand and dunes	
		Qgc	Colluvium of several ages	
		Czp	Ironstone gravel; mostly residual on Phanerozoic rocks	
		Czk	Calcrete—includes calcareous gravels, opaline silica and ferricrete	
		Czl	Laterite	
		P	Sandstone, porcelanous siltstone and pebble beds, probably of glacial origin	
	? MIDDLE PROTEROZOIC			Provinces with metamorphism, not correlated between different regions; banded garnet rocks south of Giles Creek; quartzite and mica schist at eastern border of sheet area
			Ps	<b>DEAN QUARTZITE:</b> fine and coarse quartzite and phyllite; sheared to quartz-sericite schist and platy quartz
		Pca	Sheared porphyry—quartz-feldspar and feldspar porphyry sheared to sericite schist with quartz granules; believed to be flows and sills	
		Pcb	Sheared basic lavas—chlorite and sericite schist in places showing relicts and banding of vesicular basic lavas with epidote and quartz veins and vughs	
		Pc	Basal conglomerate—sandstone with quartz pebbles; sheared to quartz-sericite schist	
		Pq	Quartzite and quartz-muscovite schist; well-bedded; relict cross-bedding	
? MIDDLE PROTEROZOIC		Pn	Granulite—well banded, dominantly acid composition. Charnockites present. Show flaser structures, migmatitisation and complex, repeated folding. Polymetamorphic	

## IGNEOUS ROCKS

? MIDDLE PROTEROZOIC		d	Dolerite dykes and sheets; several ages are present	
		q	Quartz	
		Eps	Granophyre and minor granite	
	MIDDLE PROTEROZOIC	Giles Complex	Eo	Gabbro, norite, troctolite, anorthositic gabbro, generally well banded; includes minor ultramafic rocks and acid differentiates
			Eou	Ultramafic rocks
			Eom	Marginal facies to gabbros and allied rocks of Eo; largely contaminated gabbroic rocks with relict bands of granulite and granite gneiss. Includes minor areas of metamorphosed volcanic rocks
			Ers	Fine-grained granite with very large, scattered, euhedral and rounded feldspar phenocrysts. Includes aplitic granite and mixed granites with bands of and rafts of Ebo
			Eri	Porphyritic microgranite with very large feldspar laths; foliated
			Egp	Small lath granite; equigranular, medium-grained granite; porphyritic granite; in large sheets
			Egm	Migmatites and granite with abundant enclaves
	? MIDDLE PROTEROZOIC		Ebo	Rapakivi granite—granite with large ovoids of potash feldspar and quartz granules. In places sheared, sericitic with stretched ovoids and granules
			Ebg	Gneisses—banded granitic rocks with metasedimentary remnants