

ORIGINAL LEGENDS	Ap	K	G	B	C	V	M
	Undifferentiated P _E				P		
LATEST BOOKLET	Diagram	Most oldest	Oldest	Old	Middle	Late	Latest
	Text	Most ancient?	Ancient?	Middle	Late	Latest	(Late Caledonides in Australia) PZ Caledonian C Hercynian, Variscan V Mesozoic M Pacific, Cenozoic P

AUSTRALIAN DRAFT	A Archaean	Pl Lower Proterozoic	Pc Carpentarian	Pa Adelaidean	Pz1 Lower (E-Dm) Palaeozoic	Pz2 Upper (Dm-R) Palaeozoic	M Mesozoic	
Age of folding	Undifferentiated	p _E : Gawler Block, Arunta Block, Musgrave Block, Arnhem Land?			Pz: "New England Brisbane Schists"			
	Eugeosynclinal	A: Some of W.A. shield ?NT	Pl: Halls Creek Group • Wyloo Group W.A. Pine Creek Geosyncline Tanami; Murphy Metamorphics (W.A.)	Pc: Mt Isa Georgetown	Pa	Pz1: Lachlan Geosyncline; "Anakie High" - Broken River Refolding: Musgrave & Arunta Blocks	Pz2: Yarrol "Basin"	
	Miogeosynclinal	eA: some of W.A. shield	ePl: Warramongas		ePa: Sth. coast W.A.	ePz1: Karimantoo	ePz2: Tamworth Trough; East edge of Bowen Basin ??	eM: Repulse Bay (Qld)?
	Intramontane Basins, post-Orogenic molasse spread			mPa: Sth. coast W.A.	mPz1: Adelaide Geosyncline			
	Foredeep			Pa _f : SW. Basin (Pz1 platform type) folding	Pz1 _f : most of Lambian (Pz2 platform type) folding	Pz2 _f : Esk Rift		

(Stratigraphic Symbols needed for Australian Map →)

Flysch: W.A. shield; Bangemals W.A. (platform cover)

Molasse: Lambian only (includes Pertnjara Drummond)

Ophiolites: Greenstones W.A. shield; Victorian greenstones? (Serpentines NSW & Qld.)

Gabbro: Musgrave Block: Qld.

Migmatites: in A?

Granulites: some of W.A. shield; Pl of Kimberleys; Arnhem Land } Arunta, Gawler & Musgrave Blocks?

Metamorphics: most of P_E; Pz1 Albany, Cooma; Brisbane? Mossman?

"Acid" volcanics: Pc Mt Isa; Georgetown; Bulgonunnas; Canberra Rift; Lambian; Edith R?

GRANITOIDS γ	Undifferentiated	γP _E : in Musgrave Block; Arnhem Land?				γPz: eastern and South Australia		
		+++++ (black overprint) + + + + +						
	γA: Some of W.A. shield; Rvm Jungle > 2500 m y	γPl: Pine Ck; Halls Ck; Tennant Ck; Arnhem Land; Pilbara; Mt Isa? 1850 - 1750 m.y.	γPc: Gawler Block; Mt Isa; Pine Ck; Georgetown; Musgrave Block 1720 - 1400 m.y.	γPa: Western Australia about 1100 - 1000 m.y.	γPz1: Lachlan Geosyncline; Nth. Queensland; Anakie High	γPz2: Victoria Qld coast New England; Bathurst	γM: Qld; NSW?	

PLATFORM TECTONICS	Age of inception*	EA: Pilbara (folded in Pl)	EPl: Pilbara (Bresnan Group - folded in Pc) Kimberleys (marginally folded in Pc, Pa); Arnhem Land - Carpentaria (folded in Pa in parts) Tomkinson Ck. Davenport's N.T. (folded in Pa.); northern margin of Gawler Block	EPc: Bangemals, W.A. (folded in Pa - Again on W. edge); Halls Ck, Fault area (folded in Pa); N.E. Amadeus Basin (folded in Pz1); Victoria R. (folded in Pa)	EPa: Bonaparte Gulf Basin; Perth Basin? Lennard Shelf - Fitzroy Trough Canning Basin? Arafura Basin; Georgina - Wise - Hardman	EPz: Artesian Basin; Murray Basin? Carpentaria Basin; Otway - Gippsland; Officer Basin area (and Canning?); Ipswich - Clarence (M folding?); Maryborough Basin (M folding?)	EM: Eucla Basin? Murray Basin?
	Cover thickness unknown	EA: W.A. shield area		EPc: Officer Basin; W.A. s. & s.w. coasts		EPz: Laura Basin	

EPz: Quat Tert Pleistocene
Tp: Tertiary
F(1): Sand with shells

Acid volcanics: EPl on Gawler Block; in Kimberleys, Carpentaria?

"Traps", dolerites: Hart Dolerite; Arnhem Plateau; Tasmania? } Carson Volcanics Arnhem Land; Pilbara

Metamorphics: EPl King Leopold

"Complexes": R-J unconformity, Artesian Basin, M Cz. boundary, Otway - Gippsland; Canning Basin?

Aulacogenes (after Nilukin?): Batten Trough, Fitzroy Trough, Halls Ck Zone? (after Olenin?): Amadeus, South Nicholson

* This category not used, as age of inception of platform conditions more meaningful in Australia. Basement age could be shown thus: $\frac{EPz}{Pz1}, \frac{EPa}{A}$