

Reference

Period	Sub-Period	Formation/Member	Code	Description	
CAINOZOIC	QUATERNARY		Qa	Sand, silt, clay; minor gravel: alluvial and lacustrine	
			Qs	Sand, silt; minor gravel: alluvial and aeolian	
			Qz	Red sand, fine to medium; minor silt: aeolian	
			Qg	Gilgai soil. Rock relationship diagram only	
			Qb	Clay and silt: black soil	
			Qcb	Quartzose sand, shelly in places: beach ridge	
			Qcs	Clay, silt, sand; minor salt: supratidal mudflat deposits	
			Qcr	Silty clay, black organic clay; minor salt: tidal-flat and mangrove swamp	
			Czl	Laterite; pisolitic or massive: pedogenic	
			Czk	Calcrete; minor chalcedony: evaporitic, pedogenic	
MESOZOIC	MESOZOIC OR TERTIARY?	Fitzroy Lamproite	fv	Leucite lamproite; plugs, dykes	
	EARLY CRETACEOUS	Melligo Sandstone	Km	Sandstone, fine to medium, well-sorted, laminated to thin-bedded; upper part silicified: beach	
	LATE JURASSIC TO EARLY CRETACEOUS	Meda Formation	Jd	Sandstone, fine to coarse; granule to pebble conglomerate; poorly sorted; cross-bedded, ripple-marked: fluvial	
		Jowlaenga Formation	Jw	Sandstone, fine to medium, well-sorted; mudstone interbeds; cross-bedded, bioturbated; minor conglomerate; fossiliferous: shallow marine	
	LATE JURASSIC	Jarlemai Siltstone	Jkr	Mudstone, massive, bioturbated, sandy; glauconitic, phosphatic; minor limestone; fossiliferous: deep-water marine	
		Alexander Formation	Ja	Sandstone, fine to medium; interbedded mudstone; laminated to thin-bedded, lenticular bedding; ripple-marked, cross-bedded; bioturbated; minor conglomerate lenses; fossiliferous: shallow-water marine	
	EARLY? TO LATE JURASSIC	Wallal Sandstone	Jl	Sandstone; minor siltstone, conglomerate, lignite. Section and rock relationship diagram only	
		Mudjalla Sandstone 'Member'	Jlm	Sandstone, medium to coarse, poorly sorted, cross-bedded; siltstone, very fine sandstone, planar-bedded, ripple-marked: fluvial	
	EARLY TO MIDDLE TRIASSIC	Erskine Sandstone	Re	Sandstone, very fine to fine; laminated to thin-bedded, cross-bedded, ripple marks; minor clay-pellet conglomerate; mudstone; plant fossils: deltaic	
	EARLY TRIASSIC	Blina Shale	Rb	Mudstone, sandy mudstone, laminated to thin-bedded, ripple-marked, burrowed; minor fine sandstone; fossiliferous: brackish water	
PALAEOZOIC	LATE PERMIAN	Liveringa Group	m	Sandstone, mudstone	
			Hardman Formation	Ph	Sandstone, mudstone interbedded; thin-bedded
			Cherrabun Member	Phc	Mudstone, calcareous, fossiliferous; sandstone, cross-bedded; minor limestone: regressive marine
			Hicks Range Sandstone Member	Phh	Sandstone, fine to medium; thin-bedded, ripple-marked, cross-bedded, bioturbated; minor interbedded mudstone; plant fossils: lagoonal-fluviatile
			Kirkby Range Member	Phk	Mudstone, fine sandstone; calcareous, laminated to thin-bedded, ripple-marked; minor conglomerate lenses; cross-bedded in upper part; fossiliferous: regressive marine. Rock relationship diagram only
	EARLY TO LATE PERMIAN		Lightjack Formation	Pj	Mudstone, fine sandstone interbedded; clay pellet conglomerate; laminated to thin-bedded; ripple-marked, fossiliferous, bioturbated; medium sandstone, well-sorted, thin-bedded, plant fossils: regressive marine
			Noonkanbah Formation	Pn	Mudstone, calcareous, micaceous; limestone, fine sandstone interbeds; minor granule-conglomerate lenses; fossiliferous: marine
			Poole Sandstone	Pp	Sandstone, mudstone
	EARLY PERMIAN	Grant Group	Tuckfield Member	Ppt	Sandstone, very fine to fine; minor mudstone; thin-bedded, ripple-marked, clay pellet conglomerate lenses, cross-bedded, flaser-bedded, plant fossils: lagoonal?
			Nura Nura Member	Ppn	Sandstone, fine; mudstone; thin-bedded, ripple-marked, wavy and flaser-bedding, bioturbated fossiliferous: marine
			Millajidde Member	Pg	Sandstone, mudstone; minor conglomerate. Section only
	LATE CARBONIFEROUS TO EARLY PERMIAN		Wye Worry Member	Pcm	Sandstone, medium to fine; minor mudstone; ripple-marked, cross-bedded; minor flaser-bedding: regressive marine
			Carolyn Formation	Pc	Sandstone, fine to medium; mudstone; calcareous; faceted and striated dropstones; poorly bedded; minor conglomerate lenses: glacial marine
			Winifred Formation	Pw	Sandstone, fine to coarse; massive to poorly bedded, cross-bedded, scour and fill structures; minor conglomerate
	EARLY CARBONIFEROUS		Betty Formation	Pb	Shale, carbonaceous, pyritic; minor siltstone, fine sandstone
Anderson Formation			Ca	Sandstone, very fine to coarse; minor conglomerate	
LATE DEVONIAN TO EARLY CARBONIFEROUS	Fairfield Group		DCI	Sandstone, siltstone, shale, minor limestone, dolomite, anhydrite	
		Laurel Formation	CII	Limestone, shale, siltstone; minor dolomite, sandstone	
		Yellow Drum Sandstone	DCI	Limestone, shale, siltstone; sandstone: shallow marine	
		Gumhole Formation	Dug	Sandstone, calcareous; medium to coarse dolomite; minor shale, siltstone, limestone: fluviatile to intertidal	
			D	Limestone, siltstone, shale, sandstone; minor dolomite: marine	
LATE DEVONIAN		Luluigui Formation	D	Limestone, dolomite, siltstone, shale, fine sandstone: reef complex	
		Clanmeyer Siltstone	Dc	Interbedded siltstone, shale, limestone, fine sandstone	
		Babrongan Beds	Dc	Siltstone, shale; minor limestone	
MIDDLE DEVONIAN		Poulton Formation	Dp	Shale, siltstone; partly calcareous; minor limestone and dolomite	
EARLY DEVONIAN		Tandalgoo Red Beds	Dt	Siltstone; minor shale, sandstone; traces of dolomite	
LATE ORDOVICIAN? TO EARLY DEVONIAN		Carribuddy Formation	Sc	Sandstone, siltstone	
ORDOVICIAN		Nita Formation	On	Siltstone, claystone, sandstone, dolomite, halite, anhydrite; minor limestone	
		Goldwyer Formation	On	Dolomite, limestone, shale	
PRECAMBRIAN			pc	Shale, limestone, dolomite, siltstone	
				Siltstone, sandstone, shale; minor dolomite, limestone	
				Igneous, metamorphic and sedimentary rocks	

section and/or rock relationship diagram only