

CAINOZOIC		MESOZOIC		PALAEOZOIC		PRECAMBRIAN		
QUATERNARY		Ql	Clay, silt, sand; minor gypsum: lacustrine					
		Qs	Sand, silt; minor gravel: mixed alluvial and aeolian					
		Qz	Red sand, fine to medium; minor silt: aeolian					
		Czk	Calcrete; minor chalcedony: evaporitic, pedogenic					
		Czs	Sand, silt, ferruginous pisoliths; minor gravel, clay; pedogenic; gravel plains overlying Czl					
		Czl	Laterite, pisolitic or massive: pedogenic					
CRETACEOUS TO TERTIARY	Lake George Beds	KTg	Sandstone, fine to coarse; poorly sorted, massive: fluvial and pedogenic					
	EARLY CRETACEOUS	Anketell Sandstone	Ka	Fine sandstone, siltstone, interbedded with coarse sandstone and granule conglomerate; laminated to thin-bedded; bioturbated: probably paralic				
		Frezier Sandstone	Kf	Sandstone, fine to coarse, poorly sorted, feldspathic, poorly bedded, some relict cross-bedding: fluvial to deltaic, partly pedogenic				
		Jk	Sandstone, fine, massive: marine					
	JURASSIC TO EARLY CRETACEOUS	Callawa Formation	JKc	Sandstone, very fine to coarse; conglomerate; cross-bedded; minor siltstone; plant fossils: fluvial				
	LATE JURASSIC	Alexander Formation	Ja	Sandstone, fine to medium; interbedded mudstone, bioturbated, fossiliferous: shallow water marine				
	EARLY ? TO LATE JURASSIC	Wallal Sandstone	Jl	Sandstone; minor siltstone, conglomerate; palynomorphs: probably paralic			Section only	
	PERMIAN		P	Sandstone, very fine to fine, well sorted, thin-bedded				
		EARLY PERMIAN	Noonkanbah Formation	Pn	Mudstone, calcareous, micaceous; fine sandstone, limestone interbeds; fossiliferous: marine			
			Poole Sandstone	Pp	Sandstone, very fine to fine; interbedded siltstone; thick-bedded; clay pellet lenses: shallow water marine			
Grant Group			Pg	Sandstone, fine to coarse; mudstone; minor conglomerate				
MIDDLE DEVONIAN	Mellinjerie Limestone	Dm	Dolomitic limestone, dolomite, shale; minor sandstone, anhydrite					
EARLY DEVONIAN LATE ORDOVICIAN ? TO EARLY DEVONIAN	Tandalgoo Red Beds	Dt	Fine sandstone, reddish brown; minor siltstone, shale, limestone					
	Carribuddy Formation	Sc	Dolomite, dolomitic siltstone, shale, halite, anhydrite; minor sandstone			Section only		
	MIDDLE ORDOVICIAN	Nita Formation	Dn	Limestone, dolomite, interbedded shale				
Goldwyer Formation		Dg	Shale, black, fossiliferous, calcareous, pyritic; interbedded limestone, dolomite; minor siltstone lenses					
EARLY ORDOVICIAN	Willara Formation	Dw	Limestone, dolomitic, fossiliferous; interbedded shale and siltstone					
	Nambeet Formation	Dt	Shale, grey to green; interbedded limestone and fine sandstone					
		p6	Igneous, metamorphic, and sedimentary rocks					