		Reference			
MAESOZOLO	QUATERNARY		Qa Qs Qz Qg Qb	Mud, silt, sand, gravel: alluvial  Sand, silt; minor gravel; fossiliferous: mixed alluvial and aeolian  Red sand; minor silt: aeolian  Heave soil (gilgai): pedogenic  Clay, silt; minor gypsum, black soil: pedogenic  Pisolitic and massive laterite: pedogenic	
	MESOZOIC POSSIBLY TERTIARY	Warrimbah Conglomerate Lawford Beds Fitzroy Lamproite	Czk Czk Czh Czw	Silcrete: weathering product  Calcrete; minor chalcedony: evaporitic, pedogenic  Conglomerate, cobble and pebble, unconsolidated: fluvial  Conglomerate, cobble and pebble, unconsolidated: fluvial  Leucite lamproite	
	Alexander Formation  Barbwire Sandstone  Wallal Sandstone  Blina Shale  Millyit Sandstone		Ja Jb Jb Rb	Sandstone, fine; siltstone, micaceous, laminated to thin-bedded  Sandstone, fine to medium; minor siltstone; fossiliferous: marine  Sandstone, fine, medium and coarse; conglomerate, siltstone; cross-beded; plant fossils: fluvial  Sandstone; minor siltstone, conglomerate. Rock relationship diagram only  Mudstone, sandy mudstone; minor sandstone; thin-bedded, laminated; fossiliferous: brackish water	
PALAEOZOIC	LATE PERMIAN Group	Hardman Formation  Cherrabun Member  Hicks Range Sandstone Member  Kirkby Range Member  Condren Sandstone	Phi Phi Phi	Ph Sandstone, shale, sandstone  Ph Sandstone, fine, siltstone, thin-bedded; ferruginised  Phc Mudstone, calcareous, fossiliferous in lower part, sandstone, cross-bedded; minor limestone in upper part: regressive marine  Phh— Sandstone, mudstone; minor siltstone, some cross-bedding; plant fossils: lagoonal to fluvial	
	EARLY TO LATE PERMIAN  Lightjack Formation  Noonkanbah Formation  Poole Sandstone  Christmas Creek Member  Tuckfield Member  Nura Nura Member		Pp Pp Pp Ppt Ppt Ppt Ppt Ppt Ppt Ppt Ppt	Sandstone, medium to coarse, conglomeratic, poorly sorted, cross-bedded: fluvial  Shale, siltstone in lower part, fossiliferous; fine sandstone in middle part, plant fossils; siltstone, sandstone in upper part; trace fossils: regressive marine  Mudstone, shale, fine sandstone, calcareous; minor limestone; fossiliferous: marine  Sandstone, mudstone  Sandstone, poorly sorted, conglomerate, cross-bedded: fluvial  Sandstone, very fine to fine; abundant ripple marks, cross bedded, thin bedded, clay pellets, conglomerate lenses, minor siltstone; plant fossils: lagoonal  In west sandstone, siltstone, thin-bedded, calcareous; marine fossils. In east sandstone, conglomerate; cross-bedded, root horizons: fluvial to marine	
	LATE CARBONIFEROUS TO EARLY PERMIAN	Millajiddee Member  Wye Worry Member  Carolyn Formation  Winifred Formation		Sandstone, mudstone; minor conglomerate  Sandstone, fine to medium, siltstone; cross-bedded in middle part, slumped in upper part: regressive marine  Siltstone, claystone, graded in lowermost part, calcareous mudstone, concret and striated dropstones, poorly bedded; marine fossils: glacial lacustrine to m Sandstone, medium to coarse, massive to poorly bedded, cross-bedded; minor conglomerate  Siltstone, shale, calcareous, carbonaceous; minor fine sandstone  rock relations and stone, very fine to coarse; minor conglomerate	tions, facetted narine ionship diagram only
	LATE DEVONIAN TO EARLY CARBONIFEROUS LATE DEVONIAN FAMENNIAN DEVONIAN OR			Sandstone, siltstone, shale; minor limestone, dolomite, anhydrite. Section only  Limestone, shale, siltstone; minor dolomite, sandstone  Limestone, shale, siltstone, sandstone; fossiliferous: shallow marine  Sandstone, dolomite, minor shale, siltstone, limestone: fossiliferous: fluvial to intertidal  Limestone, siltstone, shale; minor sandstone, dolomite; fossiliferous: shallow marine  Conglomerate, boulder, cobble and pebble, sandstone	
	PERMIANT DEVONIAN  FAMENNIAN  FRASNIAN TO FAMENNIAN  FRASNIAN TO FAMENNIAN?  GIVETIAN? TO FRASNIAN  GIVETIAN? TO FRASNIAN	Piker Hills Formation  Bugle Gap Limestone  Napier Formation  Virgin Hills Formation  Bobs Bore Conglomerate  Pillara Limestone  Sadler Limestone  Gogo Formation	Op Op Od	Siltstone, shale, sandstone; minor limestone, dolomite; fossiliferous. Section of Calcarenite, calcirudite, shale, siltstone, calcilutite; fossiliferous: basin and material calcirudite, shale, siltstone, calcilutite; fossiliferous: marginal slope facies  Calcarenite, white to pink, medium to thick-bedded, grading to calcirudite; fossiliferous: marginal slope facies  Calcarenite, red to light grey, siltstone, shale, sandstone; fossiliferous: marginal-slope and basin facies  Siltstone, calcareous, interbedded shale, very fine sandstone, calcilutite, calcarcalcirudite; fossiliferous: basin and marginal slope facies  Conglomerate, boulder, cobble and pebble, sandstone  Limestone, algal, stromatoporoid and coral, oolite, yellow to light grey, medium-bedded, calcarenite, calcilutite; fossiliferous: platform facies  Limestone, yellow to white, massive to very poorly bedded, dolomitised in part; fossiliferous: reef margin sub-facies  Calcarenite, yellow to light grey, grading into calcirudite, calcareous siltstone and shale; fossiliferous: marginal slope facies  Shale and siltstone, black to light grey with characteristic limestone concretion minor limestone beds; fossiliferious: basin facies  Sandstone, claystone, siltstone; minor dolomite	arginal slope facies
	LATE ORDOVICIAN? TO EARLY DEVONIAN  ORDOVICIAN  ORDOVICIAN	Tandalgoo Red Beds  Carribuddy Formation  Gap Creek Formation  Emanuel Formation	Sc O	Siltstone claustone sandstone delemite: miner limestone achiedrica section	on and rock ionship diagram only
PRECAMBRIAN		Whitewater Volcanics	Pbp. Pbp. Pbp. Pbp. Pbp.	Aplite, aplite dyke; minor acid intrusives  Quartz vein  Tonalite, microtonalite; minor granodiorite  Biotite granodiorite  Biotite adamellite; minor granodiorite  Ash-flow tuff, porphyritic, rhyolitic  Pelitic schist; minor semipelitic quartz-biotite schist	