Age (Ma)	Period	Epoch	Stage	Depositional environments	Seismic horizon (AGSO, 2001)	Basin phases
0	QUATERNARY	Holocene	Lt. Pleist.	Marine		Passive margin
		Pleistocene	M. Pleist.			
			E. Pleist.			
	NEOGENE	Pliocene	Gelasian			
			Piacenzian			
			Zanclean		Late Miocene	
			Messinian			
10		Miocene	Tortonian			
			Serravallian			
			Langhian			
20			Burdigalian		Base Miocene	
			Aquitanian			
	PALEOGENE	Oligocene	Chattian			
30			Rupelian		Mid Oligocene	
		Eocene	Priabonian			
40			Bartonian			
			Lutetian			
50			Ypresian		Base Eocene	
60		Paleocene	Thanetian			
			Selandian			
			Danian		Base Tertiary	
70	CRETACEOUS	Late	Maastrichtian			
			Campanian			
80			Santonian			
			Coniacian	Marine		Post-rift active
90			Turonian		Turonian	
			Cenomanian			
100		Early	Albian			
110						
			Aptian		Aptian	
120			Barremian			
			Hauterivian			
130			Valanginian		Valanginian	
			Berriasian	Deltaic	Base Cretaceous	Late syn-rift
140	JURASSIC	Late	Tithonian	Marine and fluvial		
			Kimmeridgian			Main syn-rift
150			Oxfordian			
			Callovian		Callovian	
160		Middle	Bathonian	Marine and deltaic		Early syn-rift
			Bajocian			
170			Aalenian			
		Early	Toarcian			
180			Pliensbachian			Pre-rift active margin
190			Sinemurian	Marine		
			Hettangian		Base Jurassic/ top Triassic	
200	TRIASSIC	Late	Rhaetian			
			Norian	Fluvial to marine		
210						
220			Carnian		Intra-Triassic marker	
230		Middle	Ladinian			
240			Anisian	Marine		
		Early	Olenekian			
250			Induan			

Dampier Sub-basin

Antler 1
Centaur 1
Gungurru 1
Jalfrezi 1
Saffron 1
Stag 1
Wandoo 1

Ajax 1 ST1
Bounty 2, 3
Carteret 1
Cavalier 1
Cossack 1, 4
Egret 2
Exeter 1, 2, 3, 6
Finucane South 1A
Lambert 1, 2, 1 ST1
Libris 1 ST1
Mutineer 1B, 3
Norfolk 1, 2
Norfolk North 1
Pitcairn 1
Sage 1
Talisman 1 ST2
Wanaea 1, 2, 3, 1 ST1

Gnu 1
Amulet 1, 2

Alpha North 1
Bloodwood 1
Coojong 1
Helicon 1
Orion 1

Jaubert 1, 1 ST1
Legendre 1
Legendre South 1
Talisman 1 ST2, 7

Angel 1A
Angel 2, 3, 4
Dixon 1
Forestier 1
Montague 1 ST1, ST2

Caribou 1, Reindeer 1
Dampier 1

Wandoo 1

Lynx 1A
Lynx 1A, Rosemary 1
Carteret 1, Coojong 1

Coojong 1

Caribou 1, Corvus 1 ST1, Lambert 2, Gnu 1

Lynx 1A

Altostratus 1, Caribou 1, Dixon 1, Haycock 1, Montague 1 ST2
Kilauea 1
Brocket 1, Oryx 1, Tusk 1

Morrel 1, Webley 1A

Chamois 1
Cherring 1

Altostratus 1
Jalfrezi 1

Hoss 1
Sage 1
Tusk 1
Wandoo North 1

Hampton 1

Elk 1, Morrel 1

Ajax 1 ST1

Corvus 1, Titan 1

Cognac 1B

Orion 1, Walcott 1 ST1

Egret 1, Saffron 1, West Dixon 1

Lynx 1A

Janus 1, Samson 1

Lynx 1A

Hurricane 1
Hurricane 2

Reindeer 1, Totem 1

Amulet 1, 2, 3

Totem 1

Bounty 2, 3

Alpha North 1, Samson 1

Chamois 1, Oryx 1, Tusk 1, 2

Dampier 1, Lynx 1A, Rosemary 1

Lynx 1A

Lynx 1A

Caribou 1

Epoch	Stage	Formation	Group
		Delambre Formation	
		Bare Formation	Cape Range Group
		Trealla Limestone	
		Mandu Limestone	
		Giralia Calcarenite	
		Walcott Formation	
		Wilcox Formation	
		Dockrell Formation	
		Lambert Formation	
		Miria Formation	
		Withnell Formation	
		Toolonga Calcilutite	
		Haycock Marl	Winning Group
		Gearle Siltstone	
		Windalia Radiolarite	
		Windalia Sand Member	
		M.australis Sandstone Member	
		Muderong Shale	
		Mardie Greensand Member	
		Birdrong Sandstone	
		Forestier Claystone	
		Angel Formation	
		Dingo Claystone	
		Eliassen Formation	
		Calypso Formation	
		Legendre Formation	
		Athol Formation	
		Murat Siltstone	
		North Rankin Formation	
		Brigadier Formation	
		Mungaroo Formation	
		Cossigny Member	
		Locker Shale	

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Sandstone
Clayey sandstone
Limestone
Reef Limestone
Marl
Radiolarite
Claystone
Sandy claystone
Siltstone
Oil discovery
Gas discovery
Oil and gas discovery
Gas discovery and oil show
Oil and gas show
Oil show
Gas show