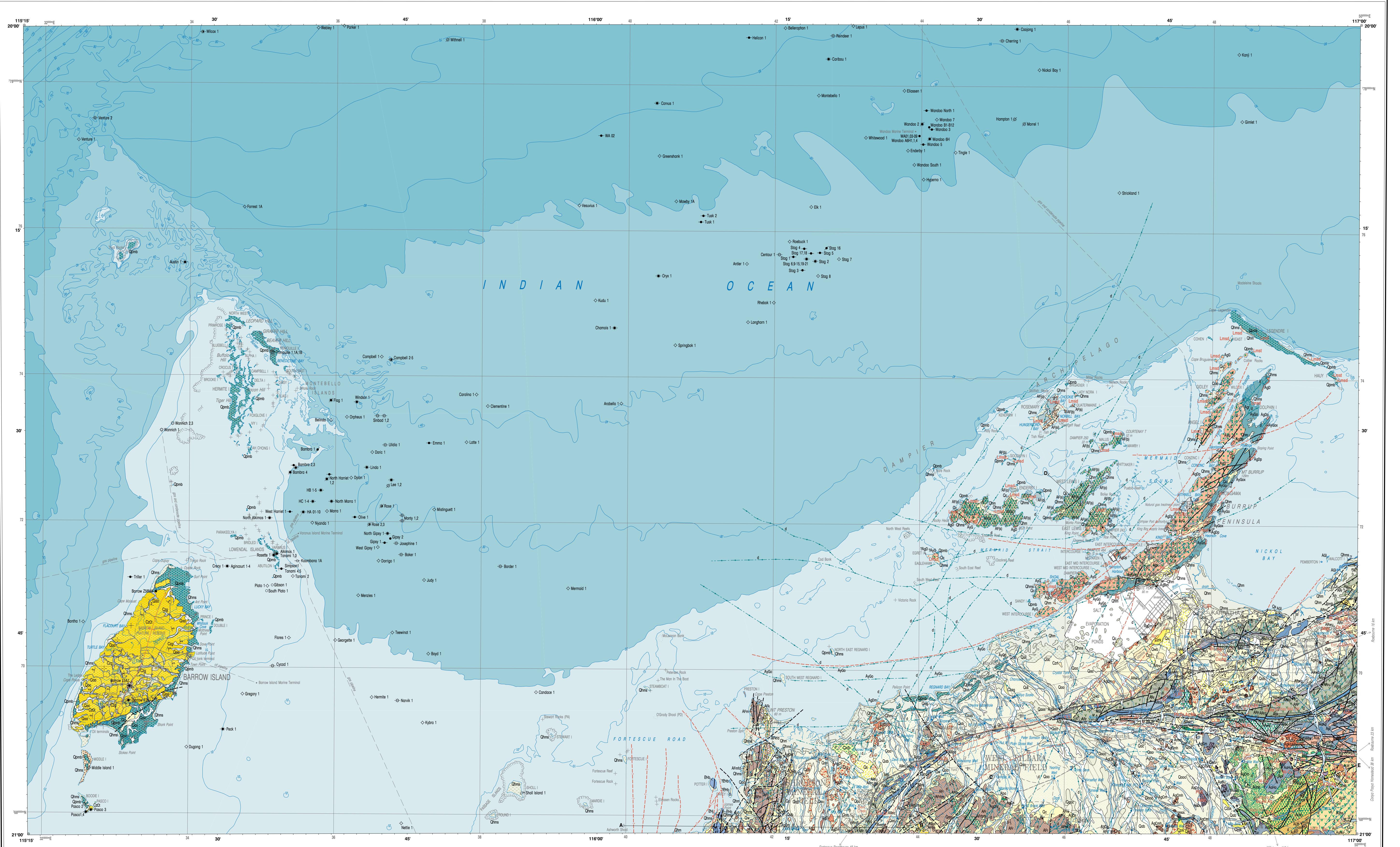


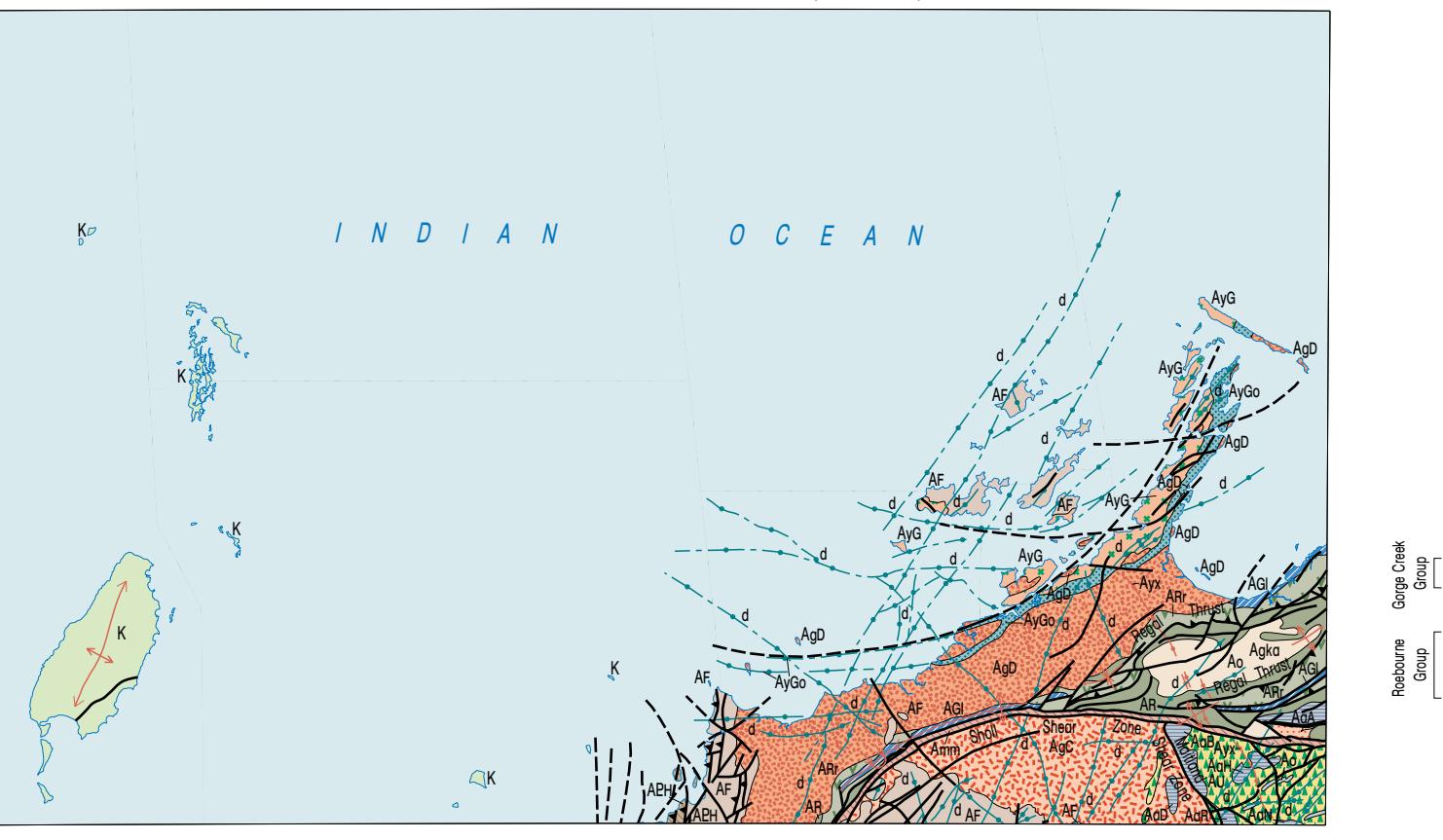
DAMPIER — BARROW ISLAND

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

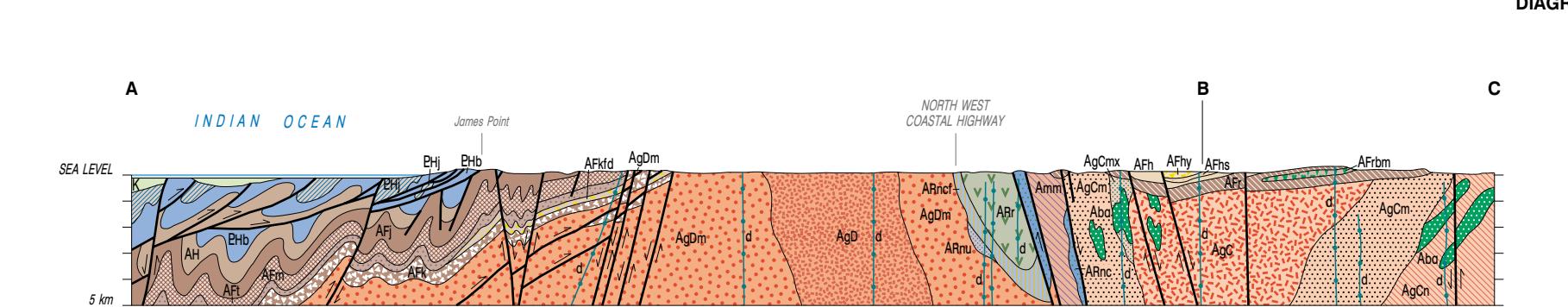
AUSTRALIA 1:250000 GEOLOGICAL SURVEY



INTERPRETED PRE-CAINOZOIC GEOLOGY (ONSHORE)



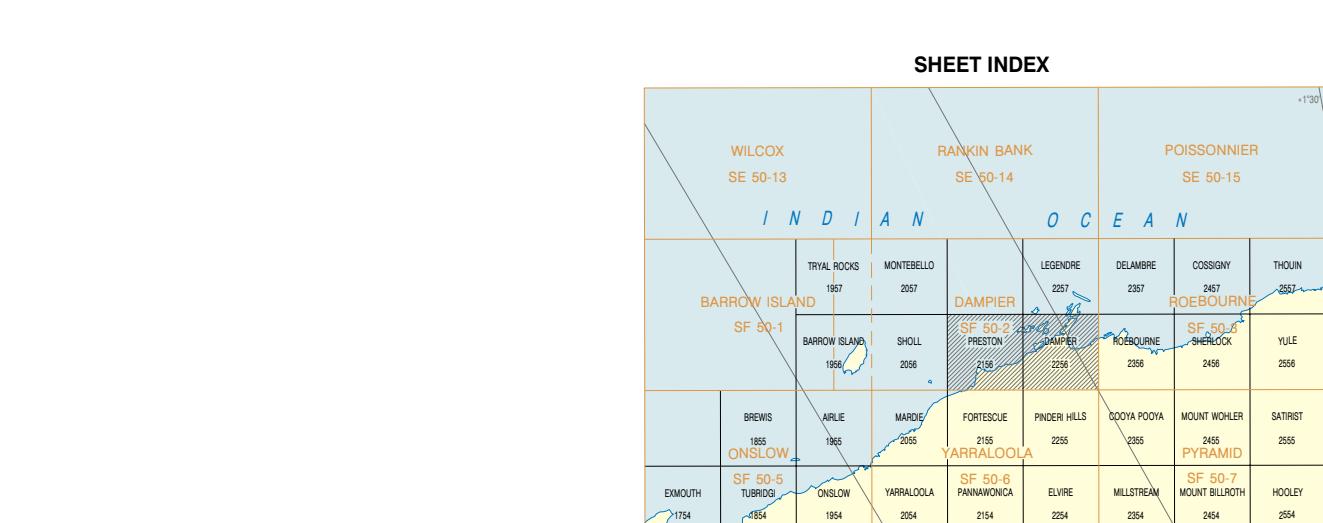
DIACET



PILBARA CRATON

NORTHERN CARNARVON BASIN

Hamersley Basin



Geological Cross-Section Diagram

The diagram illustrates the geological evolution of Western Australia, showing the stratigraphy and rock types across different geological eras.

Geological Units and Symbols:

- Quaternary:** Qhm, Qhms, Qmb; Qaa, Qal, Qac, Qao, Qaoc, Qab; Qs, Qrg; Qw, Qwb; Qc.
- Cainozoic:** Czaa, Czaf, Czag, Czak, Czcb, Czrf, Czrk.
- Proterozoic:** d (dolerite and gabbro dykes), o (gabbroic dyke), q (quartz vein).
- Pilbara Supergroup:** Ao, Aod, Agox.
- Bullock Hide Intrusion:** Amm, Ammg.
- Dingo Intrusion:** AbBo, AbBu, AuDo, AuDu, AaHo, AaHu, AdNo, AdRo, AdRu.
- Mount Sholl Intrusion:** AaNo.
- North Whundo Intrusion:** AaRo.
- Radio Hill Intrusion:** AaRu.
- Pilbara Supergroup:** AgD, AgDm, AgDp.
- Cherratta Granitoid Complex:** AgC, AgCg, AgCm, AgCmh, AgCmx, AgCn, AgCp.
- Dampier Granitoid Complex:** AgD, AgDm, AgDp.
- Cherratta Granitoid Complex:** AgC, AgCg, AgCm, AgCmh, AgCmx, AgCn, AgCp.
- Cherratta Granitoid Complex:** AgC, AgCg, AgCm, AgCmh, AgCmx, AgCn, AgCp.
- Archaean:** various units and intrusions.

Geological Events and Time Scale:

- Archaean:** c. 2990 Ma, c. 2940 Ma, c. 2770 Ma, c. 2760 Ma, c. 2719 Ma, c. 2717 Ma, c. 2680 Ma, c. 2490 Ma.
- Proterozoic:** Pinjarra Orogeny (1100-1000 Ma).
- Cainozoic:** TREALLA LIMESTONE, GIRALIA CALCARENITE.
- Quaternary:** Alluvium, Coastal sand, Coastal limestone, Colluvium, Eolian sand, Quartzofeldspathic eluvial sand.

The image shows the official crest of the Government of Western Australia. It features a central shield with a crown at the top, flanked by two kangaroos on either side. A swan is positioned in front of the shield. Below the crest, the text "GOVERNMENT OF WESTERN AUSTRALIA" is written in a serif font, followed by "CLIVE BROWN, M.L.A., MINISTER FOR STATE DEVELOPMENT; SMALL BUSINESS; GOLDFIELDS—ESPERANCE" in a smaller sans-serif font.

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