W98-31

Perth Basin

Location Map

Point Summary

Structural Elements

Stratigraphy

Seismic

Houtman-1 Geohistory

Petroleum Systems

BACK

GALLERY

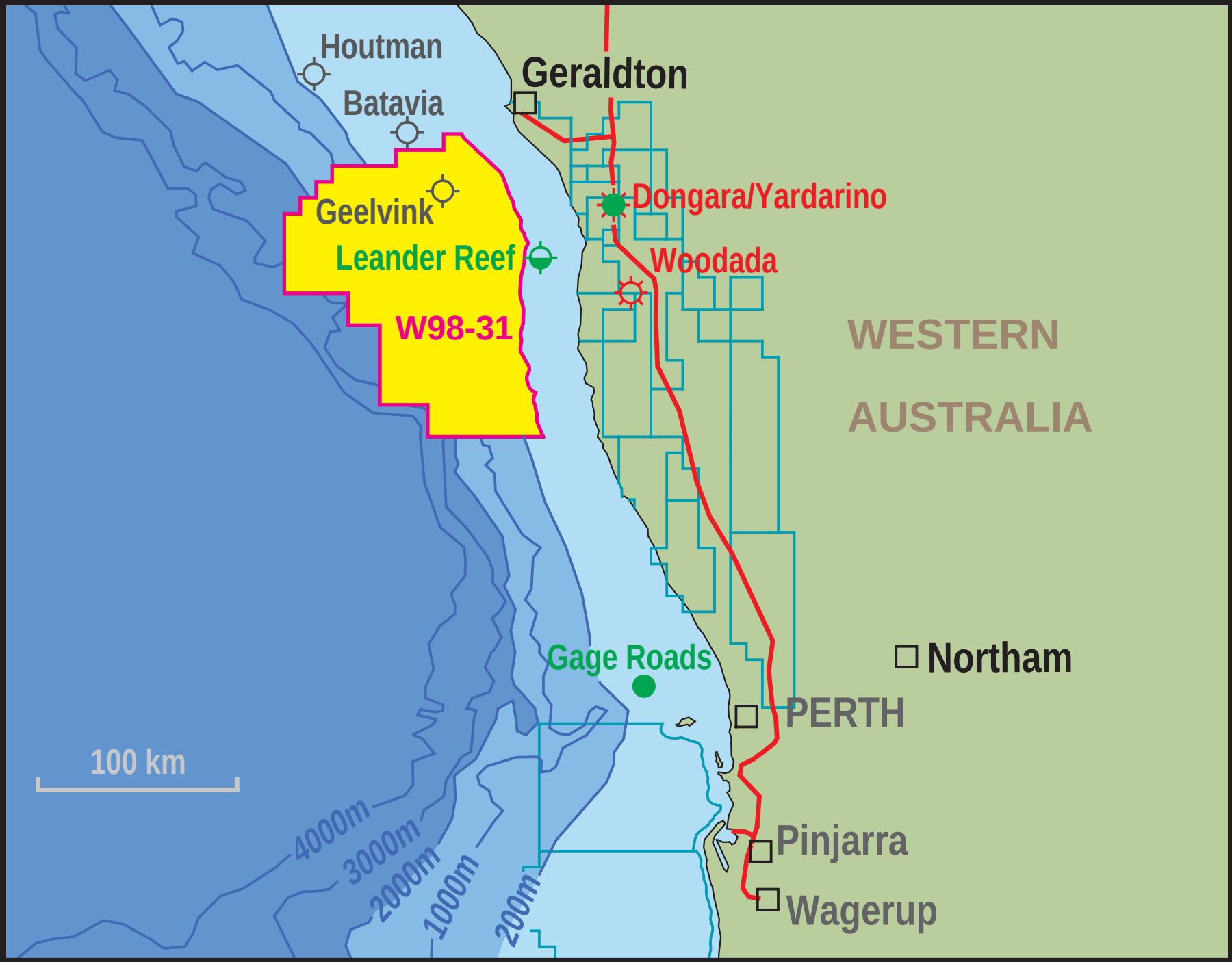
w98-016

w98-012

w98-011

w98-014

PERTH BASIN

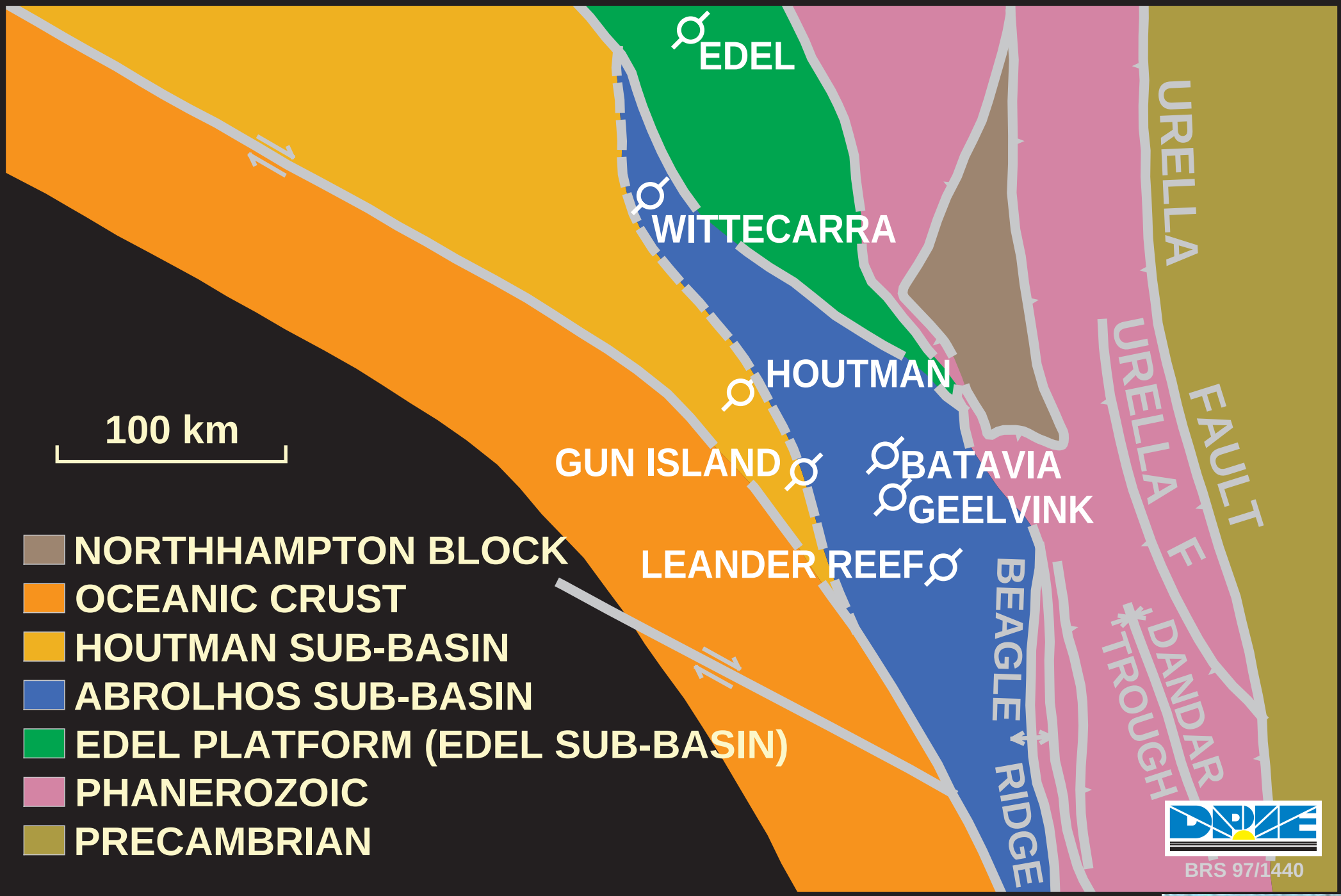


BRS 97/1452

MENU

Area W98-31
Perth Basin

- Oil/gas fields adjacent onshore; shows in offshore wells
- Permian to E Jurassic source & reservoir potential
- Late Permian thru early Cretaceous rifting
- Good charge timing scenarios
- Main identified trap type is rotated fault blocks
- 3 wells (1975-83) in 14,000 sq km
- Seismic mainly 1970s, 1980s vintages
- Water depth coastal to 1,000 m


EDEL
WITTECARRA
HOUTMAN
GUN ISLAND
BATAVIA
GEELVINK
LEANDER REEF
100 km
URELLA FAULT
URELLA F
DANDAR TROUGH
BEAGLE RIDGE
NORTHHAMPTON BLOCK
OCEANIC CRUST
HOUTMAN SUB-BASIN
ABROLHOS SUB-BASIN
EDEL PLATFORM (EDEL SUB-BASIN)
PHANEROZOIC
PRECAMBRIAN
BRS 97/1440

MENU

PERIOD	EPOCH	FORMATION	LITH	ENVIRON
QUAT	PLEIST	COASTAL LST		MARINE
TERTIARY	PALEOC	KING PARK SH		MARINE
CRET	LATE	GINGIN CHALK		MARINE
		OSBORNE FM		MARINE
	EARLY	WARNBRO GP		MARINE TO CONTIN'AL
JURASSIC	LATE	YARRAGADEE FM		CONTIN'AL
	MIDDLE	CADDA FM		MARINE
	EARLY	COCKLESHELL GULLY FM		MARGINAL MARINE TO CONTIN'AL
TRIASSIC	LATE	LESUEUR SST		
	MIDDLE	WOODADA FM		MARINE
	EARLY	KOCKATEA SHALE		MARINE
PERMIAN	LATE	WAGINA SST		MARINE
	EARLY	CARYNGINIA FM		MAINLY MARINE
		IRWIN RIVER C M		
		HOLMWOOD SH		MARINE TO CONTIN'AL
		NANGETTY FM		
SILURIAN		TUMBLAGOODA SST		CONTIN'AL
PRECAMB		BASEMENT		

HOUTMAN SUB-BASIN

ABROLHOS SUB-BASIN

EDEL SUB-BASIN

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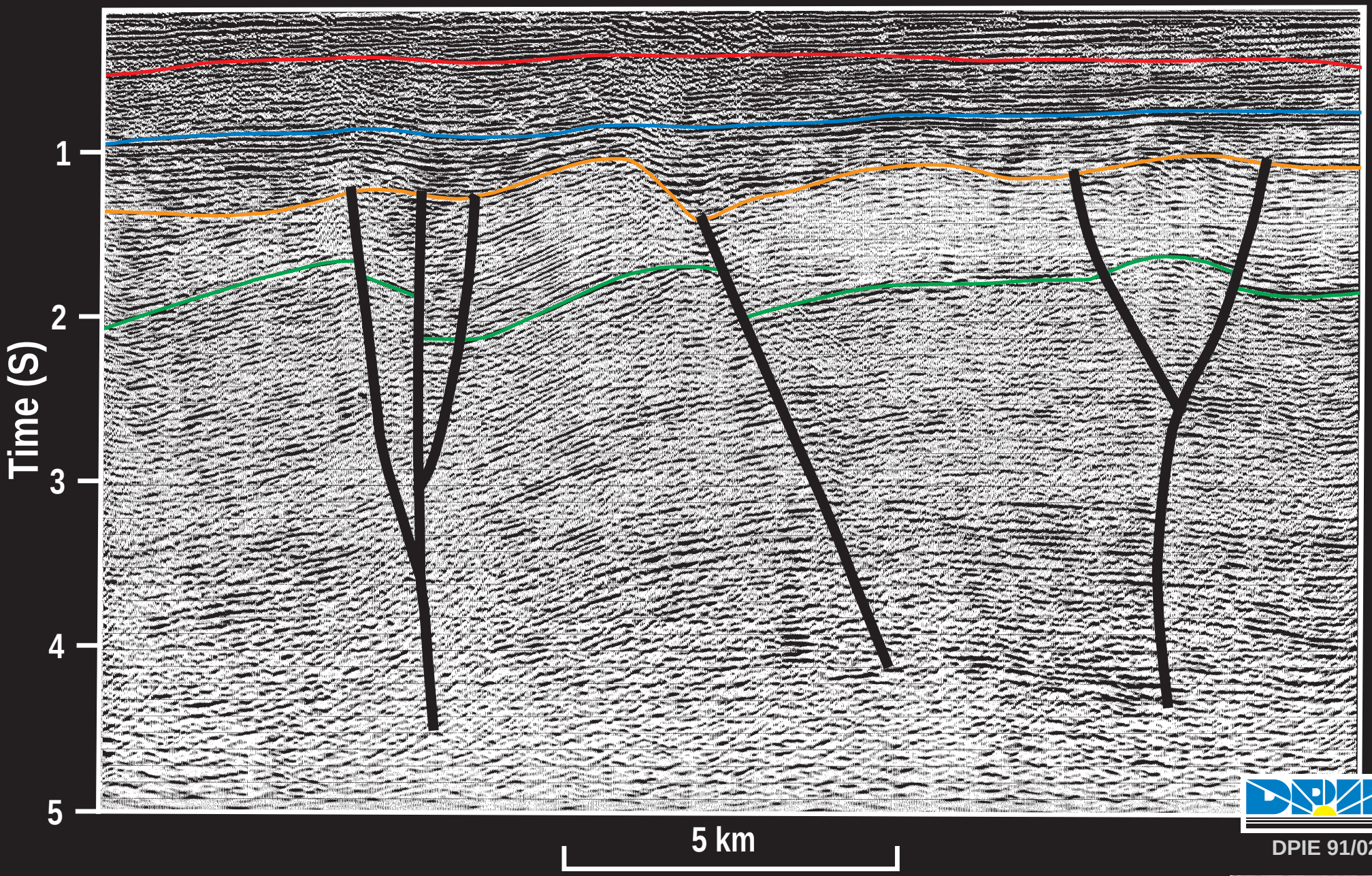
MENU

Line 82/28

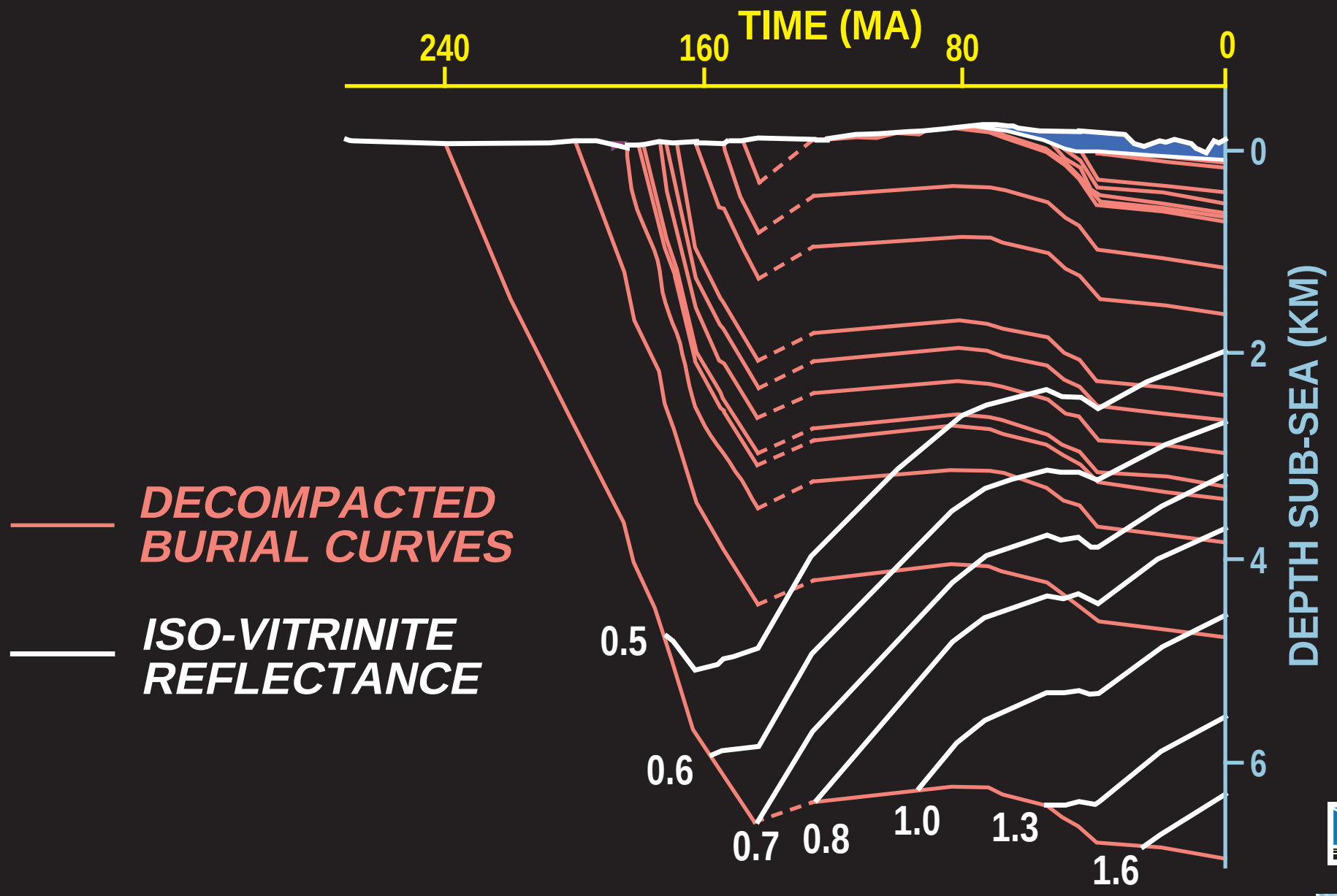


DPIE 91/023

MENU

HOUTMAN 1

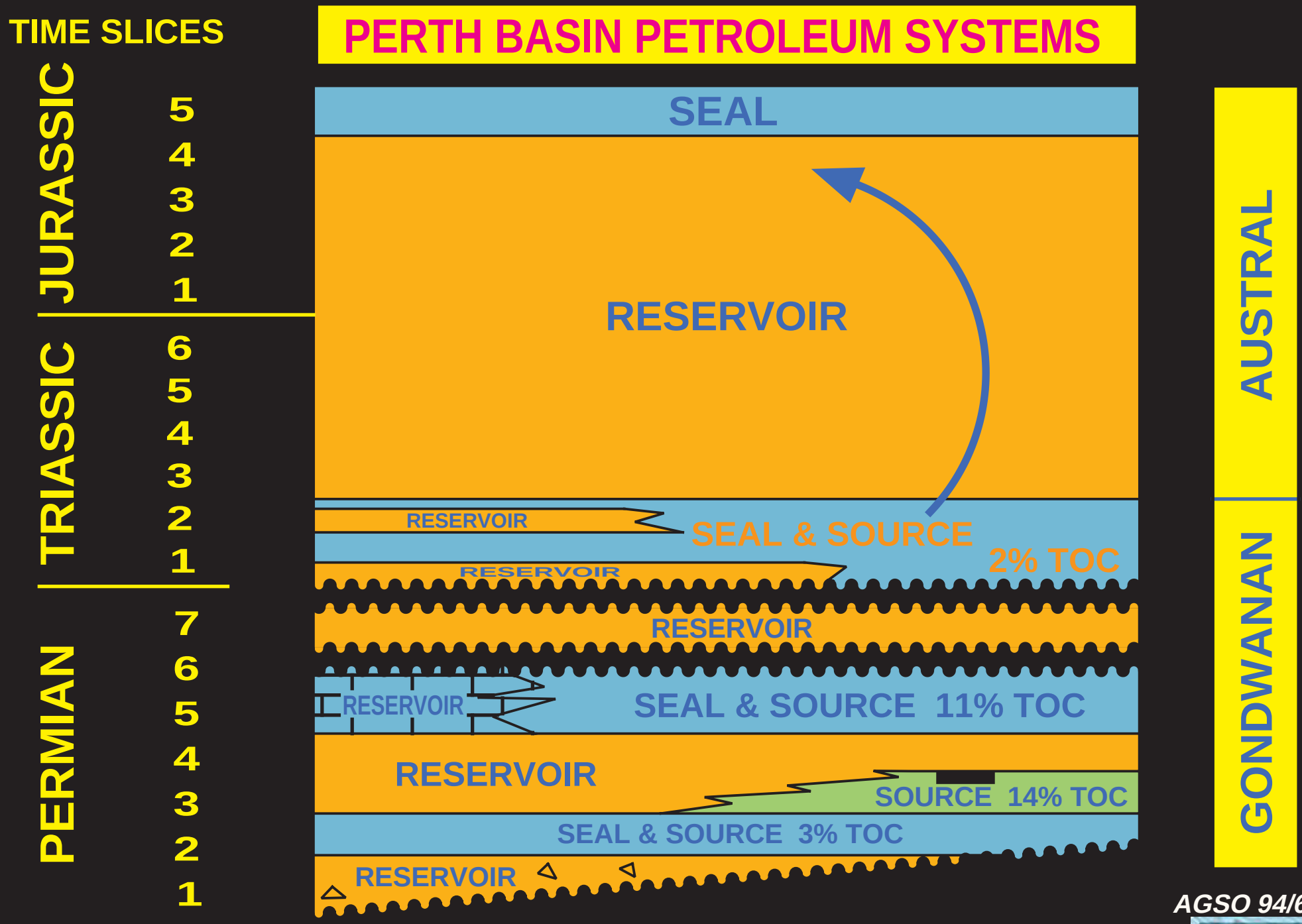
GEOHISTORY PLOT



BRS 97/1441

MENU

PERTH BASIN PETROLEUM SYSTEMS



AGSO 94/603

MENU