W98-10 to 24

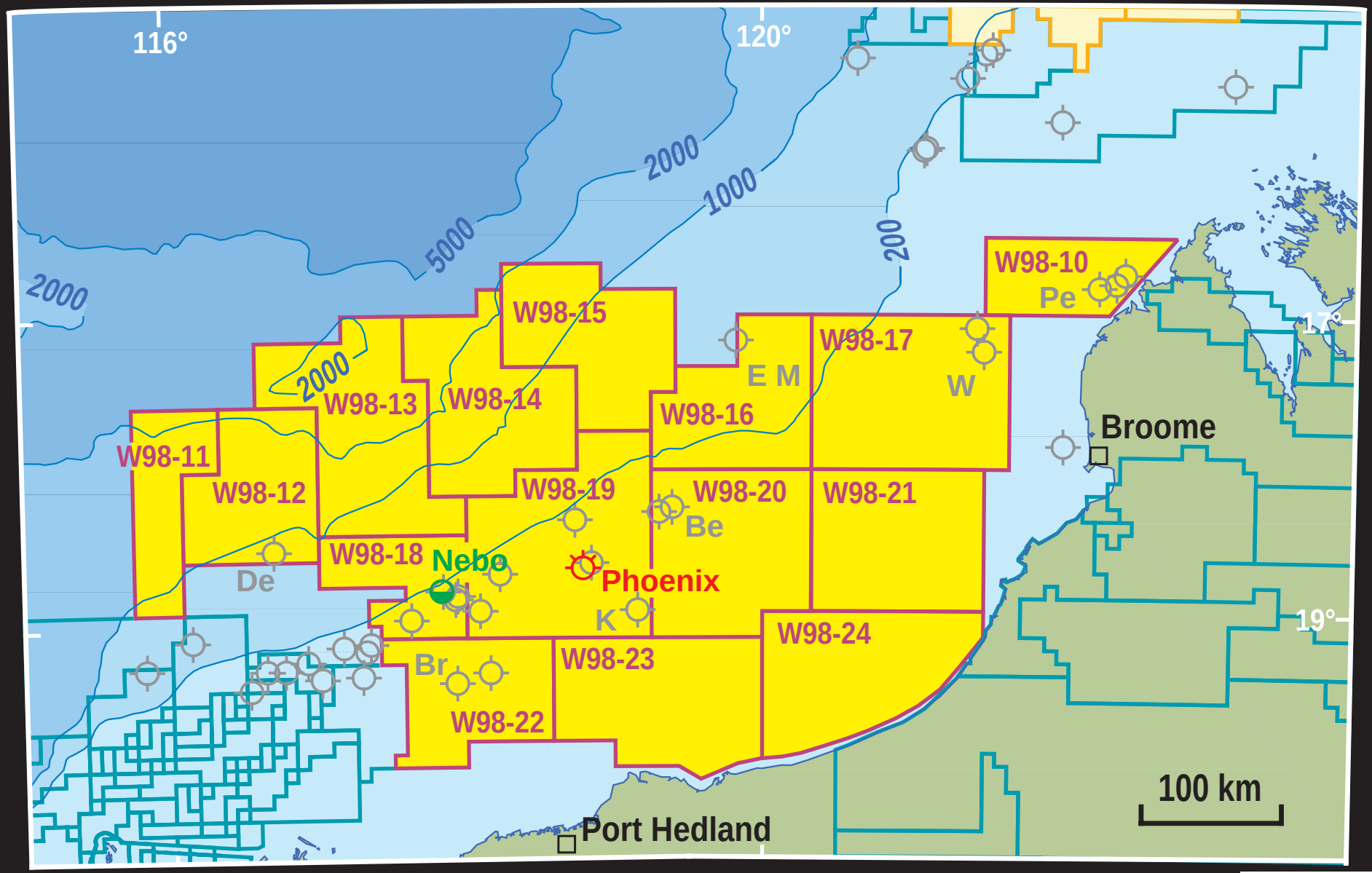
Offshore Canning, Roebuck, NE Carnarvon Basins

Location Map
Point Summary
Structural Elements
Stratigraphy
Cross-Section (2)
Seismic (3)
Source Rock Geochemistry (2)
Petroleum Play Elements
Regional Seismic Grid

GALLERY

BACK

OFFSHORE CANNING - ROEBUCK - NE CARNARVON



1998

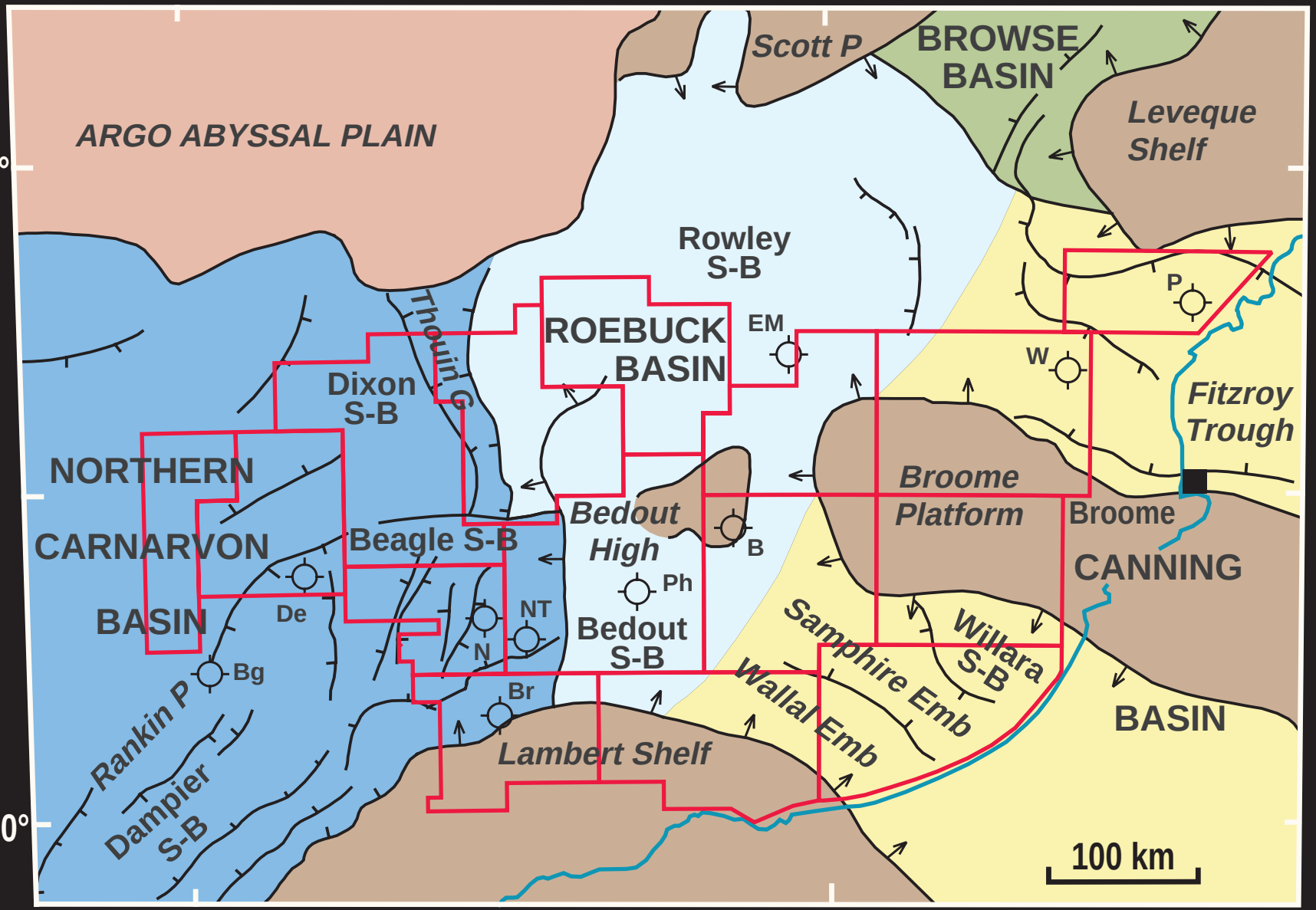
1997

AGSO 97/1416

MENU

AREAS W98-10 to 24
Canning, Roebuck & Northern Carnarvon Basins

- The "Last Frontier" of the North West Shelf
- 150,000 sq km with limited exploration
- Palaeozoic plays in offshore Canning Basin
- Mesozoic depocentre trend in Roebuck-Carnarvon
- Oil flow Nebo-1, 110 m gas column Phoenix-1
- New speculative and reprocessed seismic
- Water depths coastal to 3,000 m

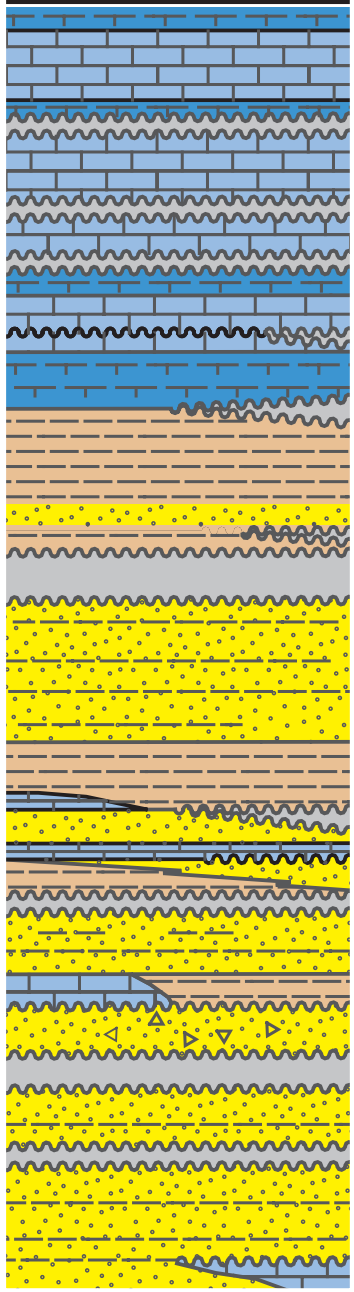


OFFSHORE CANNING-ROEBUCK-NE CARNARVON 1998 PERMITS

AGSO 97/1423

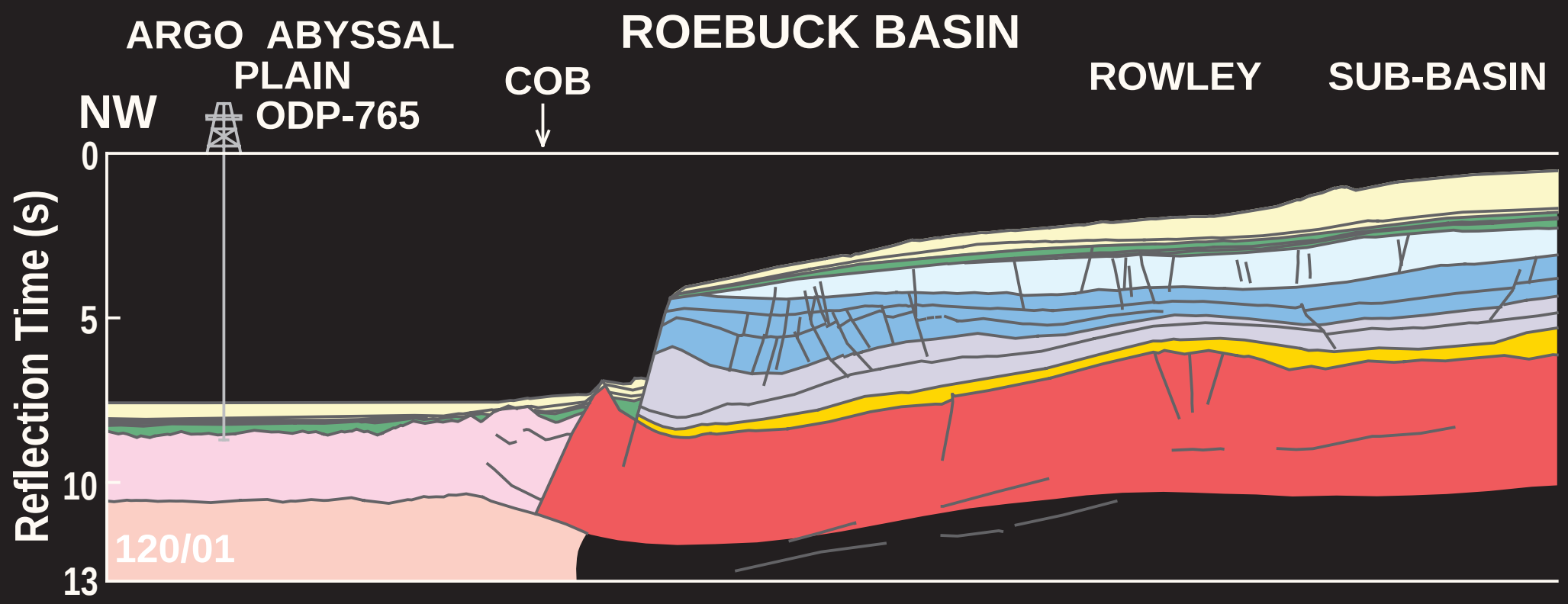
MENU

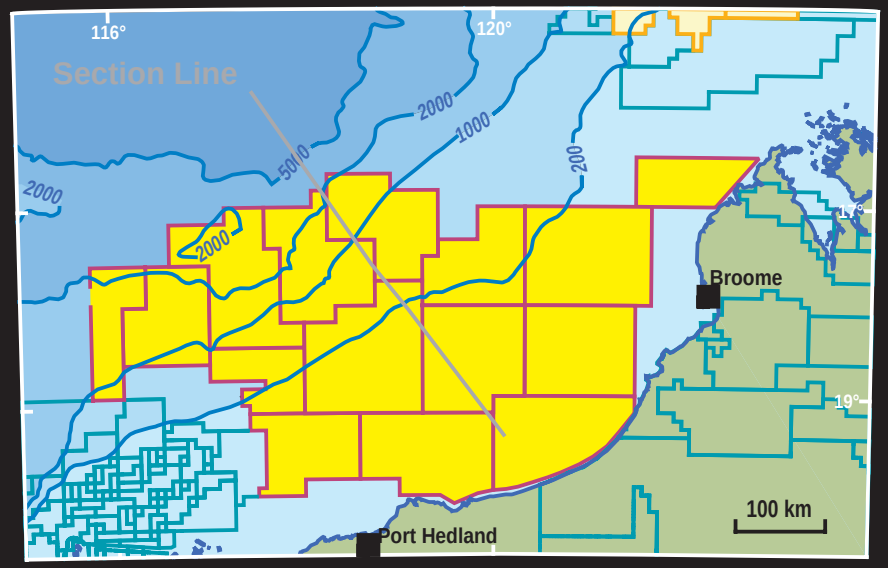
EPOCH	AGE	LITH	STRAT	SHOWS
CAINOZOIC	PL		*Source*	
	MIO		*Reservoir (✳)*	
	OLIG			
	EOC			
	PAL			
CRETACEOUS	L			
	E		✳	
JURASSIC	L			
	M			Nebo
	E		✳ Depuch	
TRIASSIC	L		Bedout	
	M		Keraudren	
	E		Locker	Phoenix
PERMIAN	L			
	E		Poole/Noonk	
CARBONIFEROUS	ST/WE		U Grant	
	NAM		L Grant	
	VIS		Anderson	
	TOURN			



AGSO 97/1421

MENU





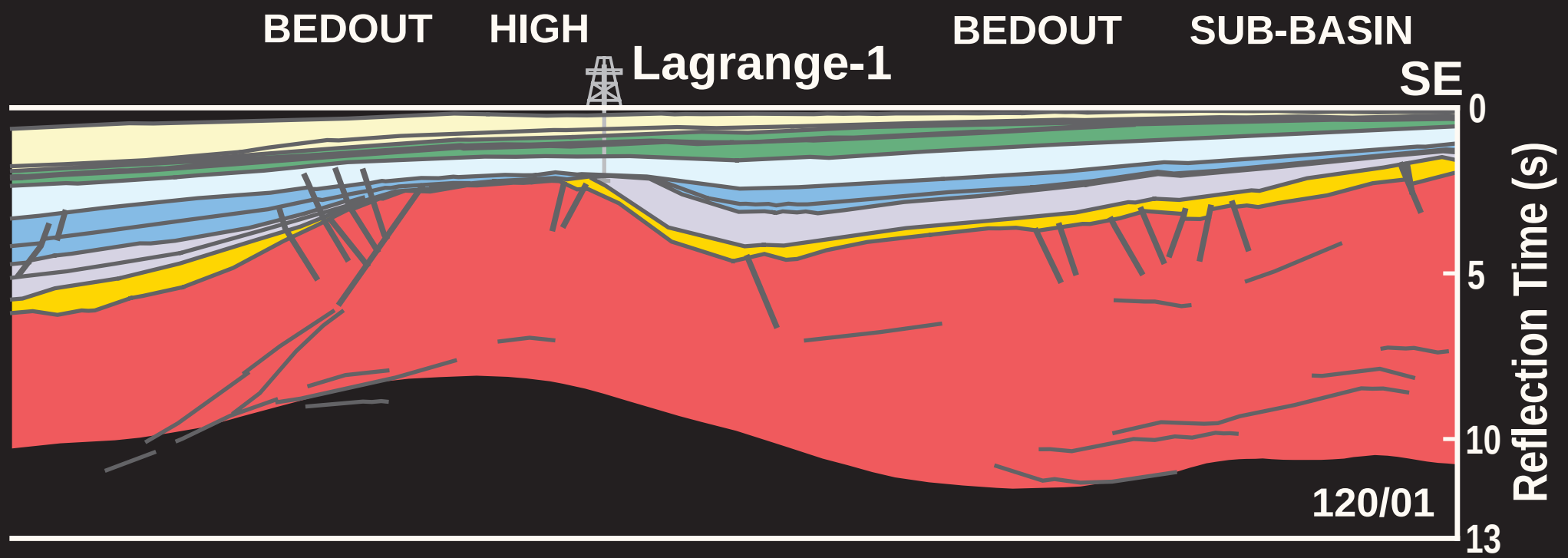
50 km

1998

1997

AGSO 97/1420

MENU



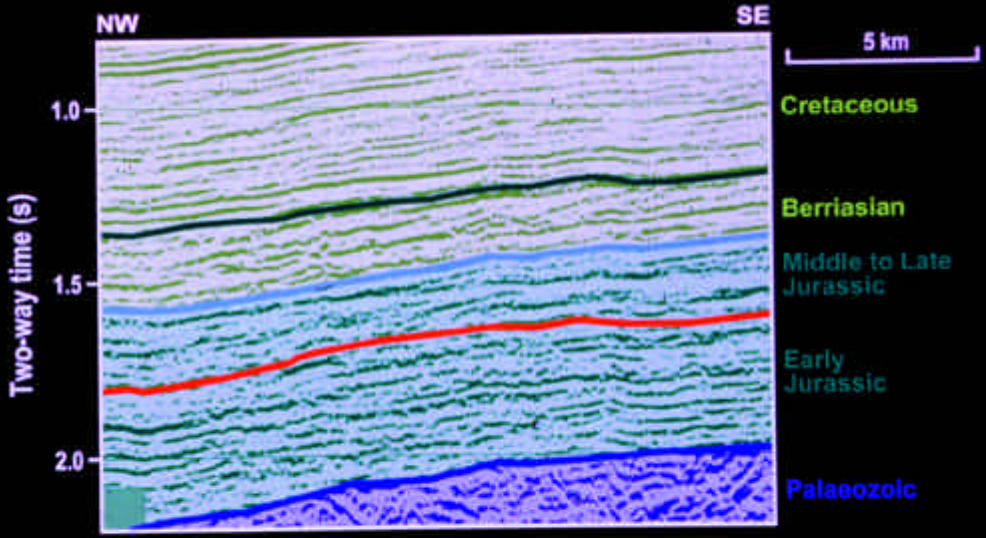
Megasequences

- Tertiary-Recent
- Cretaceous
- Jurassic
- Triassic
- M Carboniferous -Late Permian
- ? Carboniferous
- Basement
- Mantle
- Oceanic crust

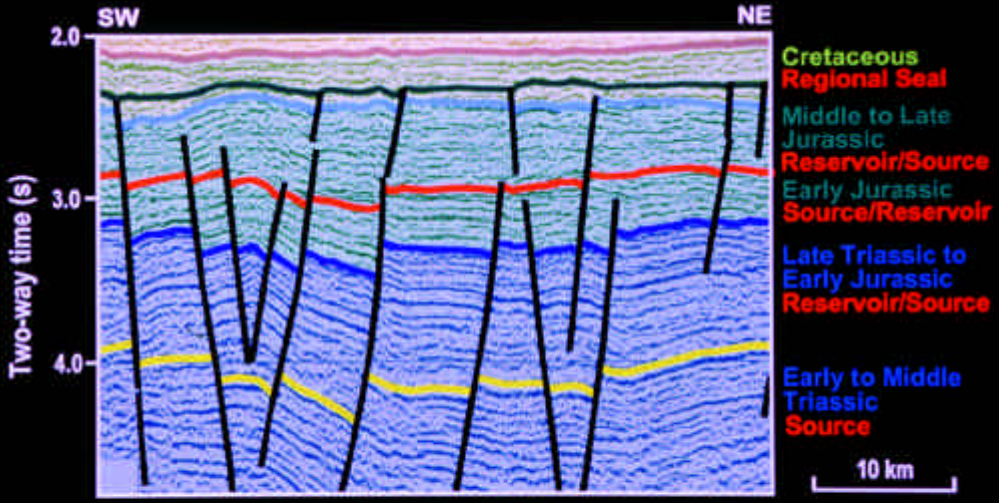
50 km

AGSO 97/1424

MENU

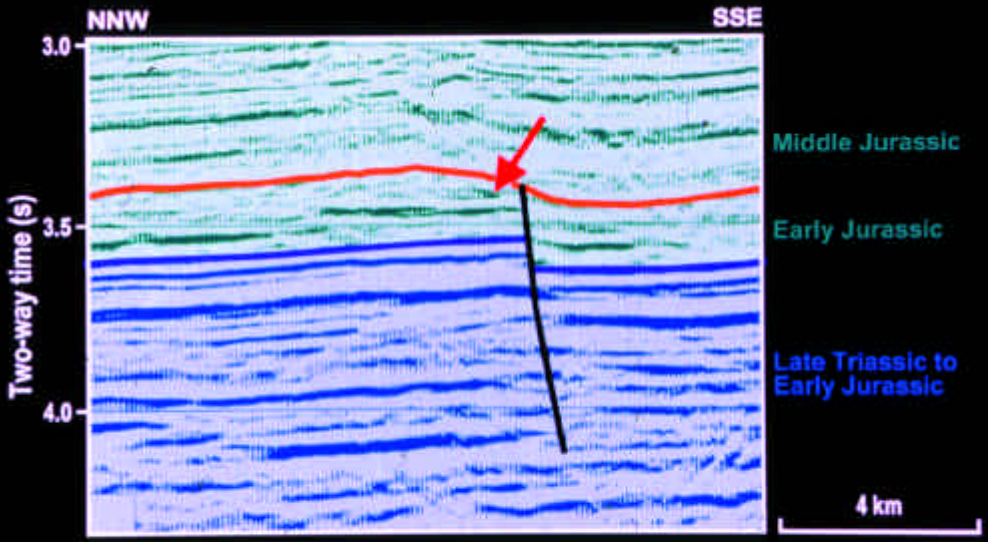


Berriasian deltaic pinchouts, Fitzroy Trough
(AGSO line 120-11, W98-17, WD = 100 m)



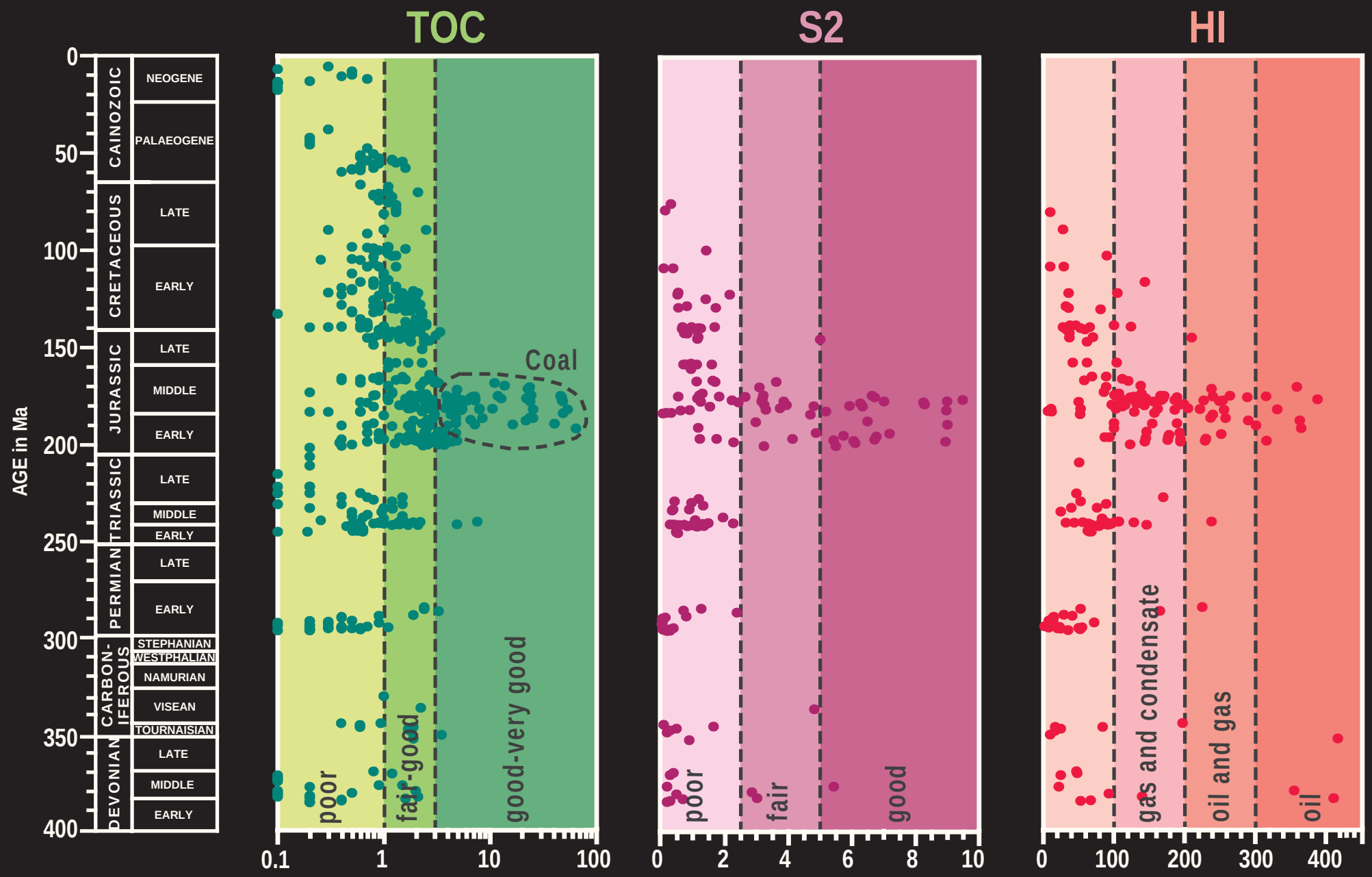
Jurassic structural plays, Rowley Sub-basin
(AGSO line 120-07, W98-14 to W98-15,
WD = 450 to 485 m)

MENU



Play with fault - dependant closure, Dixon Sub-basin (AGSO line 128-05, W98-11 WD = 1000 m)

bwd MENU fwd



SOURCE ROCK QUALITY INDICATORS

AGSO 97/1419

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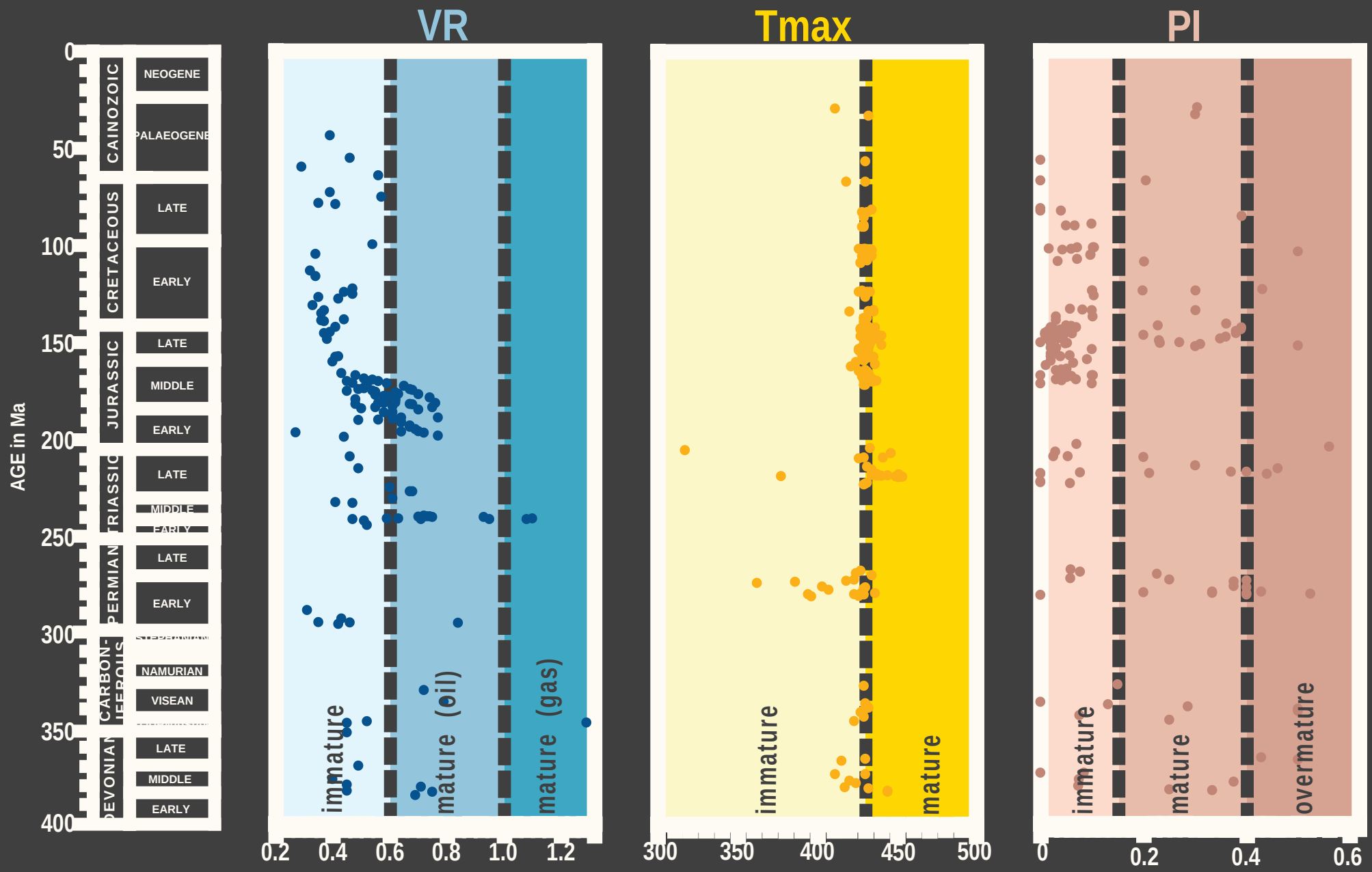
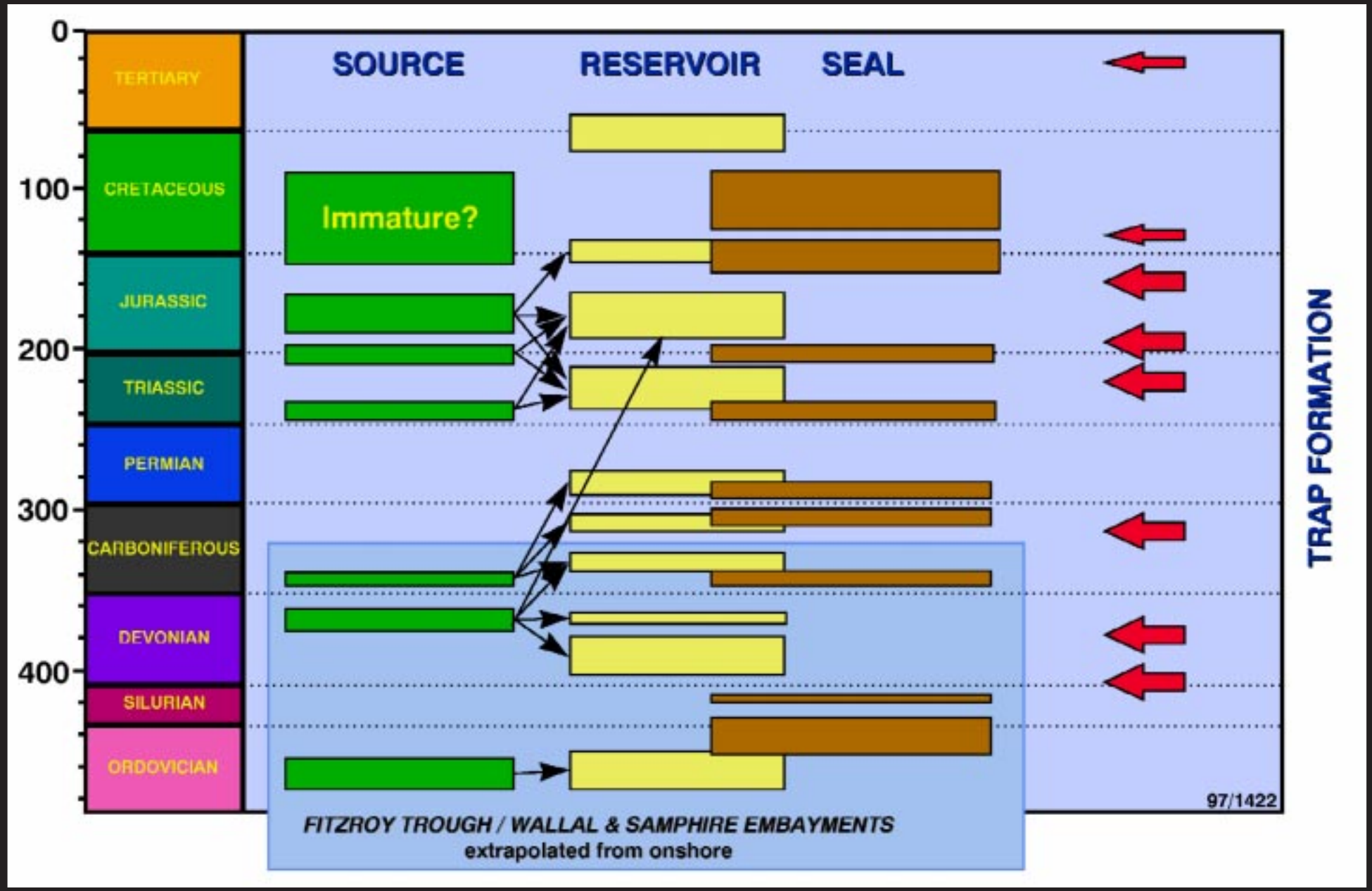


MATURATION INDICATORS

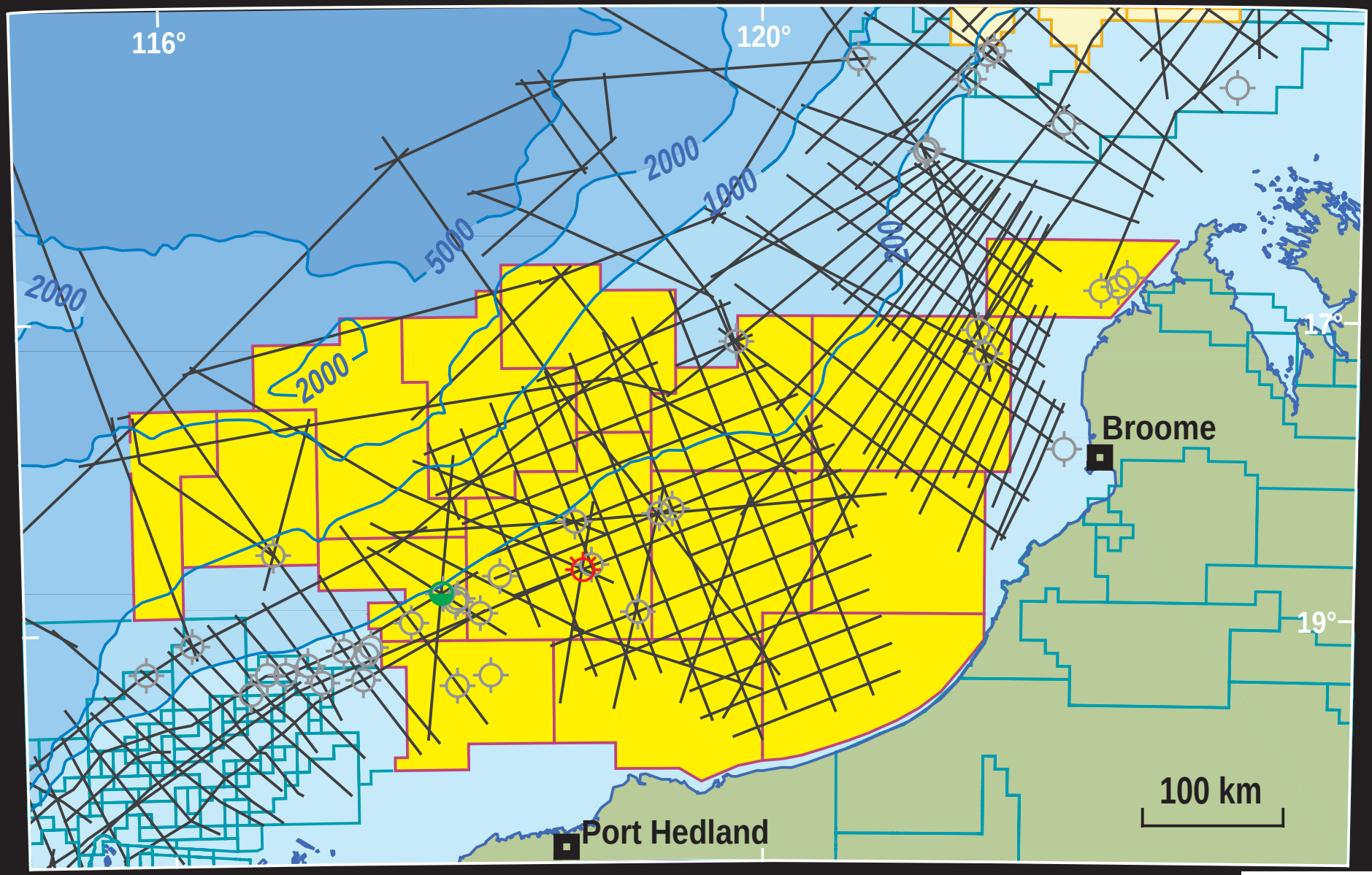
AGSO 97/1478

MENU

PETROLEUM SYSTEMS



OFFSHORE CANNING - ROEBUCK - NE CARNARVON



REGIONAL SEISMIC LINES

AGSO 97/1418

MENU