

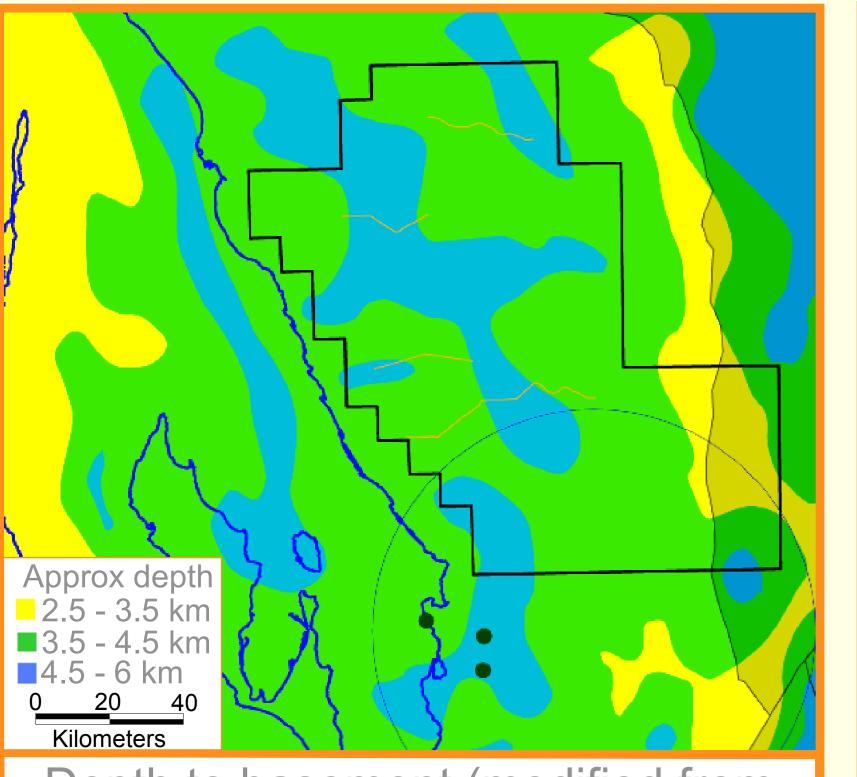
The potential for an unexplored unconventional hydrocarbon play in the southern onshore Carnarvon Basin

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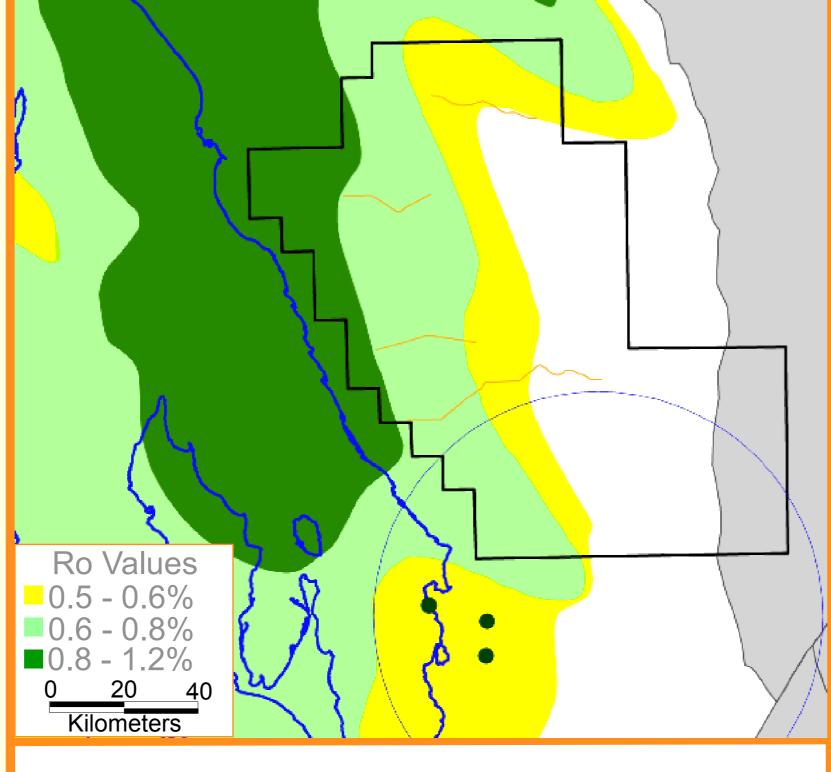
Western

Australia

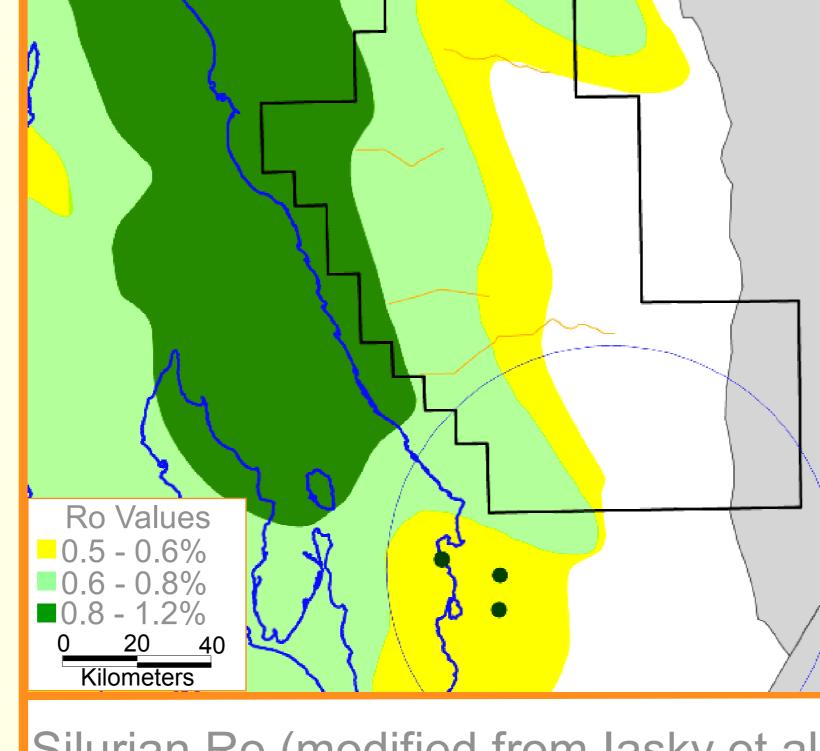
- 12,400 km² Special Prospecting Authority with Acreage Option
- Underexplored area with oil prone, mature source potential in the Devonian and Silurian
- Gas pipelines present in prospect area
- 140 km 2D seismic program recorded in 2013, significant improvement in data quality from previous seismic
- First indications of pre-Tumblagooda sediments
- Thickening in units with source rock and unconventional potential
- Structures indicated on Lines 2 and 4 shown below
- Permit includes northern rim of the prospective Woodleigh impact crater



Depth to basement (modified from Lockwood and D'Ercole)



Silurian Ro (modified from lasky et al)



Location map of the SPA area Southern Carnarvon Basin Formation Kopke Sandstone Faure Formation hin source beds

Quail 1

Line 1

Continental Seismic

Hamelin Yaringa 1

Coburn 1

Hamelin Pool 2

Woodleigh Impact

Crater

GSWA Seismic

Gascoyne

Platform

Outline of SPA

Shark

Bay

Tamala 1

Quobba 1

Carnarvon

Dirk Hartog 17B

Wells with TD

>1,000m

Kilometers

Fleet

2013

Seismic

Merlingleigh

Sub-basin

Kennedy Range 1

Gas

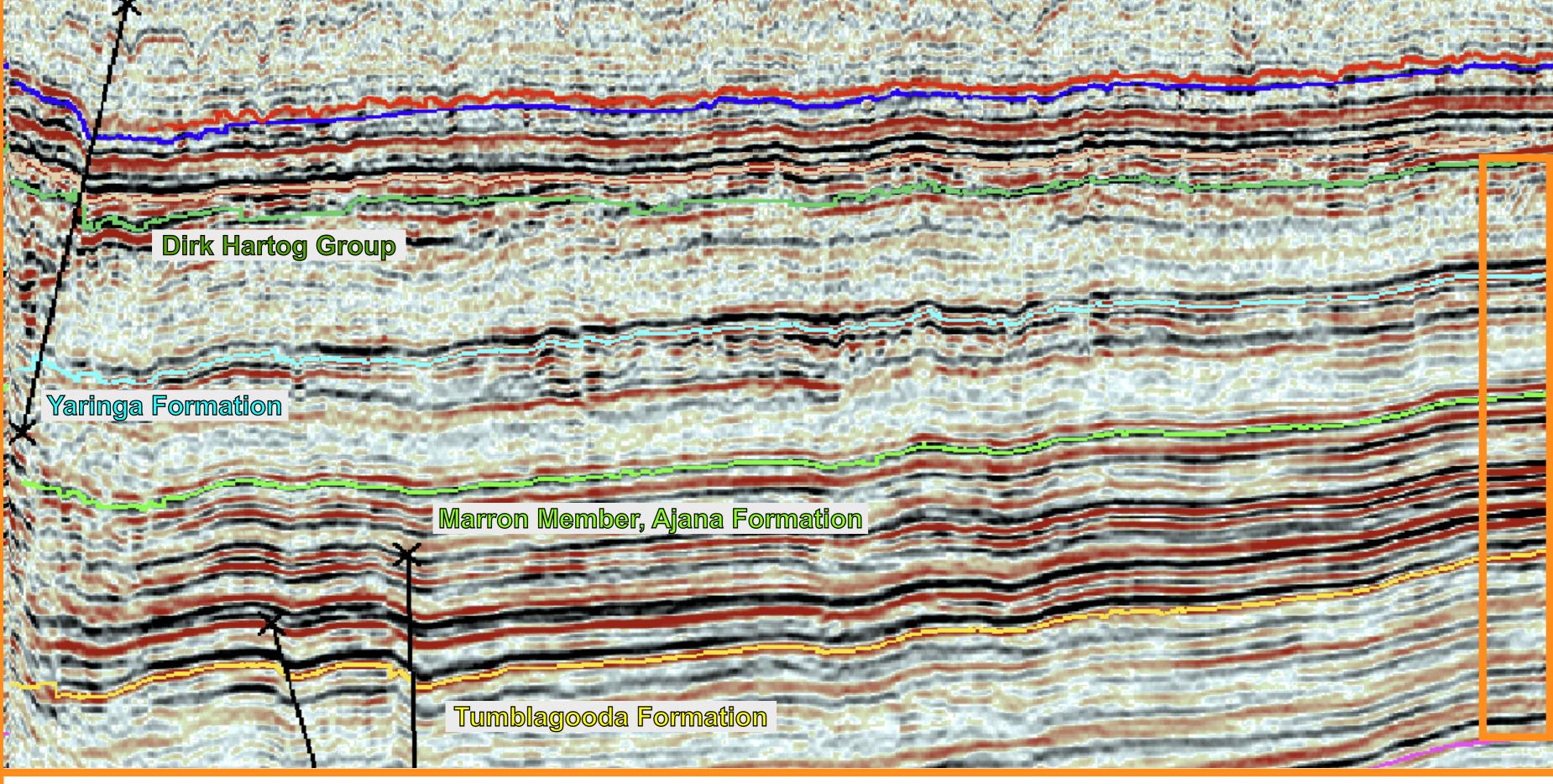
/Pipelines

Coolcalalaya

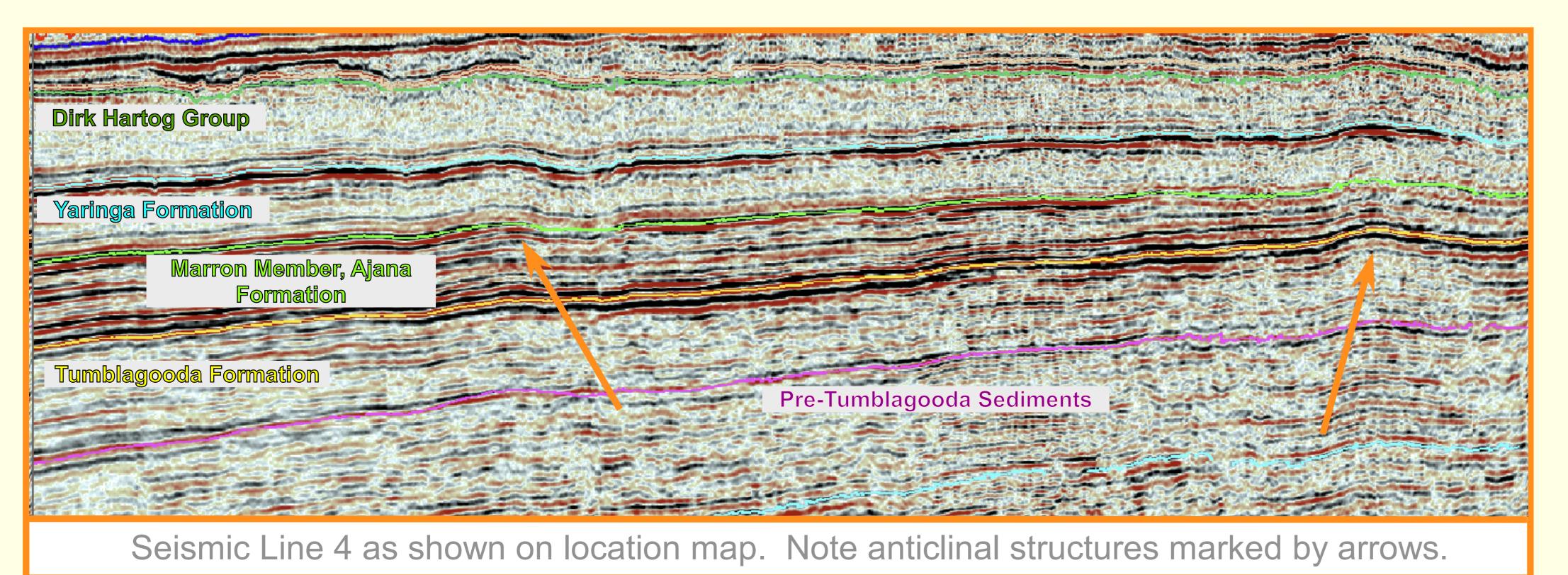
Sub-basin

▶ ▶ Diamictite

Stratigraphic column of the Southern Carnarvon Basin (GSWA, 2011 Summary of Petroleum Prospectivity)



Seismic Line 2 as shown in location map. Note structure on west extent of the line.



For additional information contact:

Shale/mudstone

Dolomite

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