

# DRILLING EXCITES

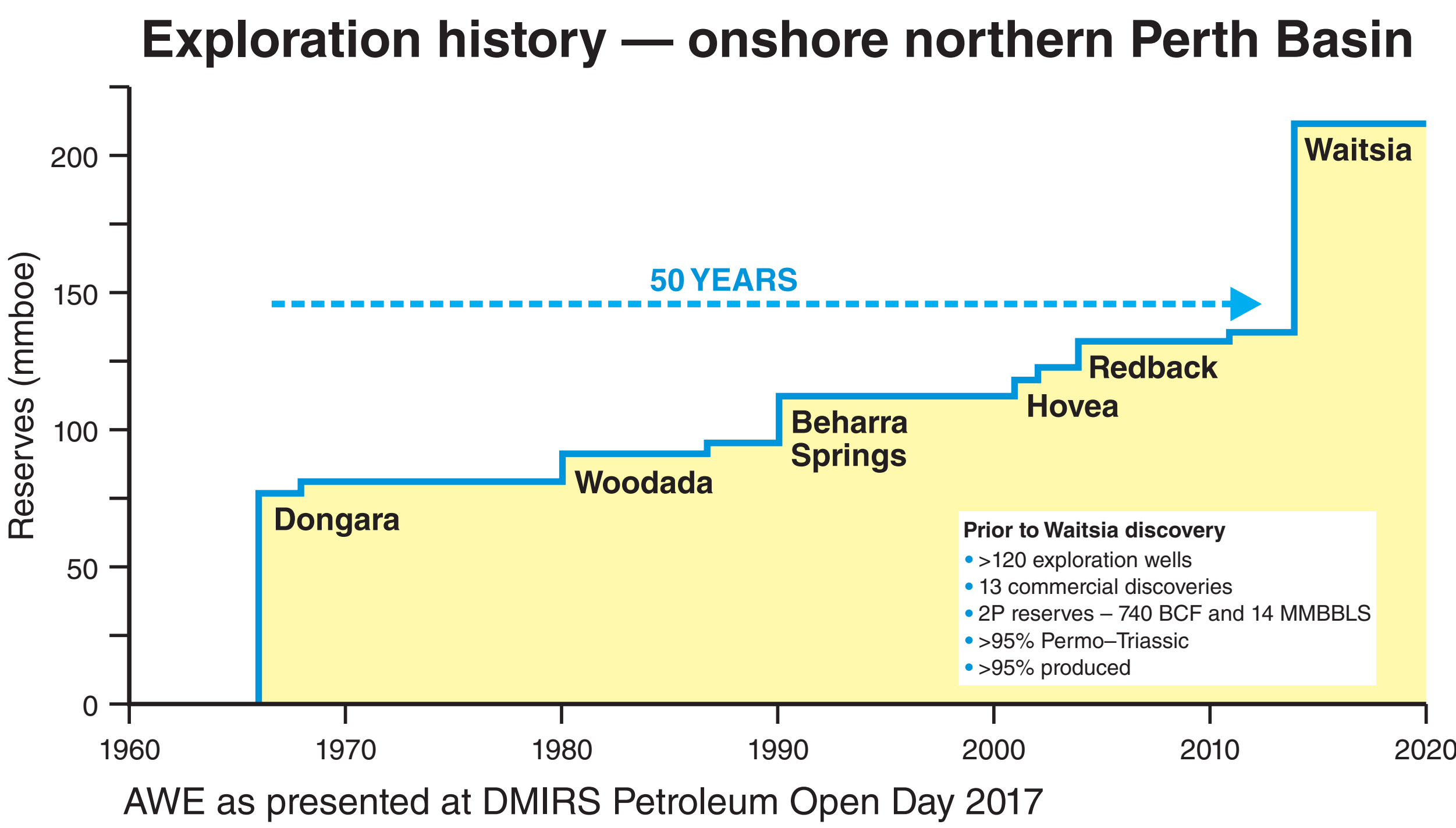
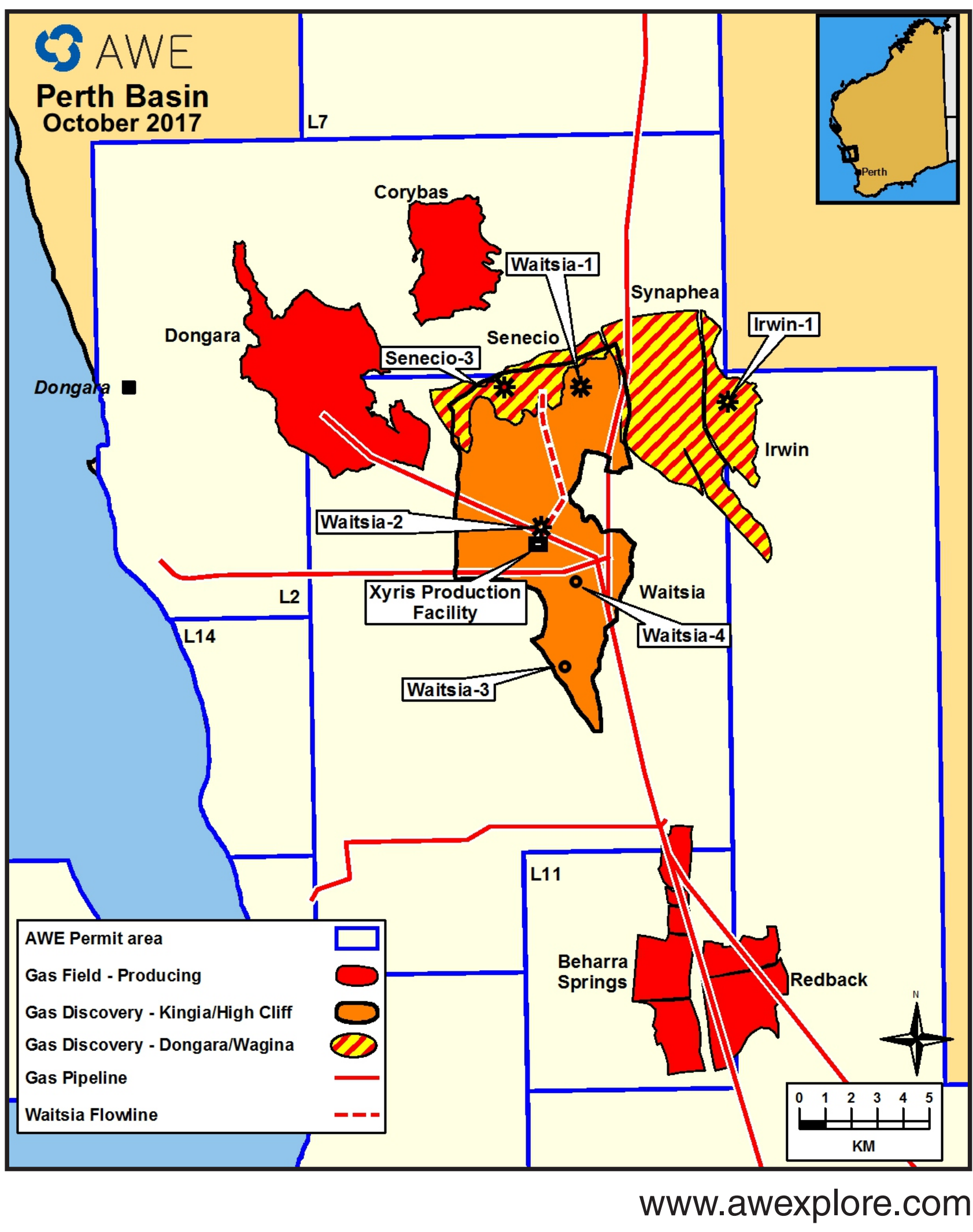
## NORTHERN PERTH BASIN

Biggest WA onshore gas field and with record flow

After some 50 years of exploration, the Perth Basin's largest commercial gas discovery (Waitsia) was made in 2014 while appraising the Senecio Gas Field. This opened up a new Permian sandstone play.

An independent review increased the Waitsia Gas Field's 2P reserves by a staggering 78% to 811 petajoules, making it Western Australia's biggest known onshore commercial gas field.  
(Energy News Bulletin, 14 November 2017)

Waitsia 4 produced one of the highest rates recorded in onshore Australia, with a maximum flow rate of 90 MMSCFD on a 96/64" choke from the Kingia Sandstone  
(www.awexplore.com)

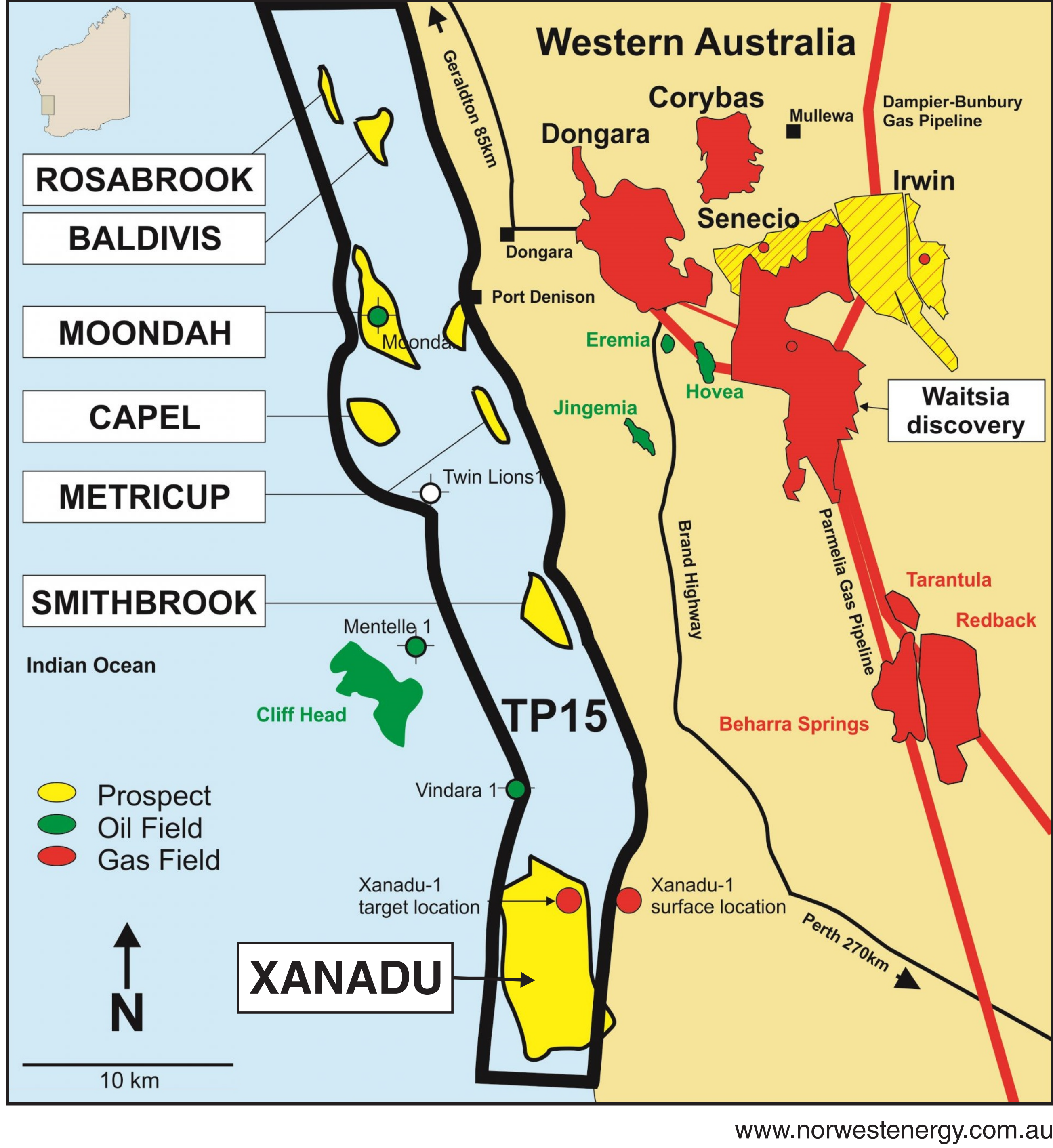


### New offshore oil discovery

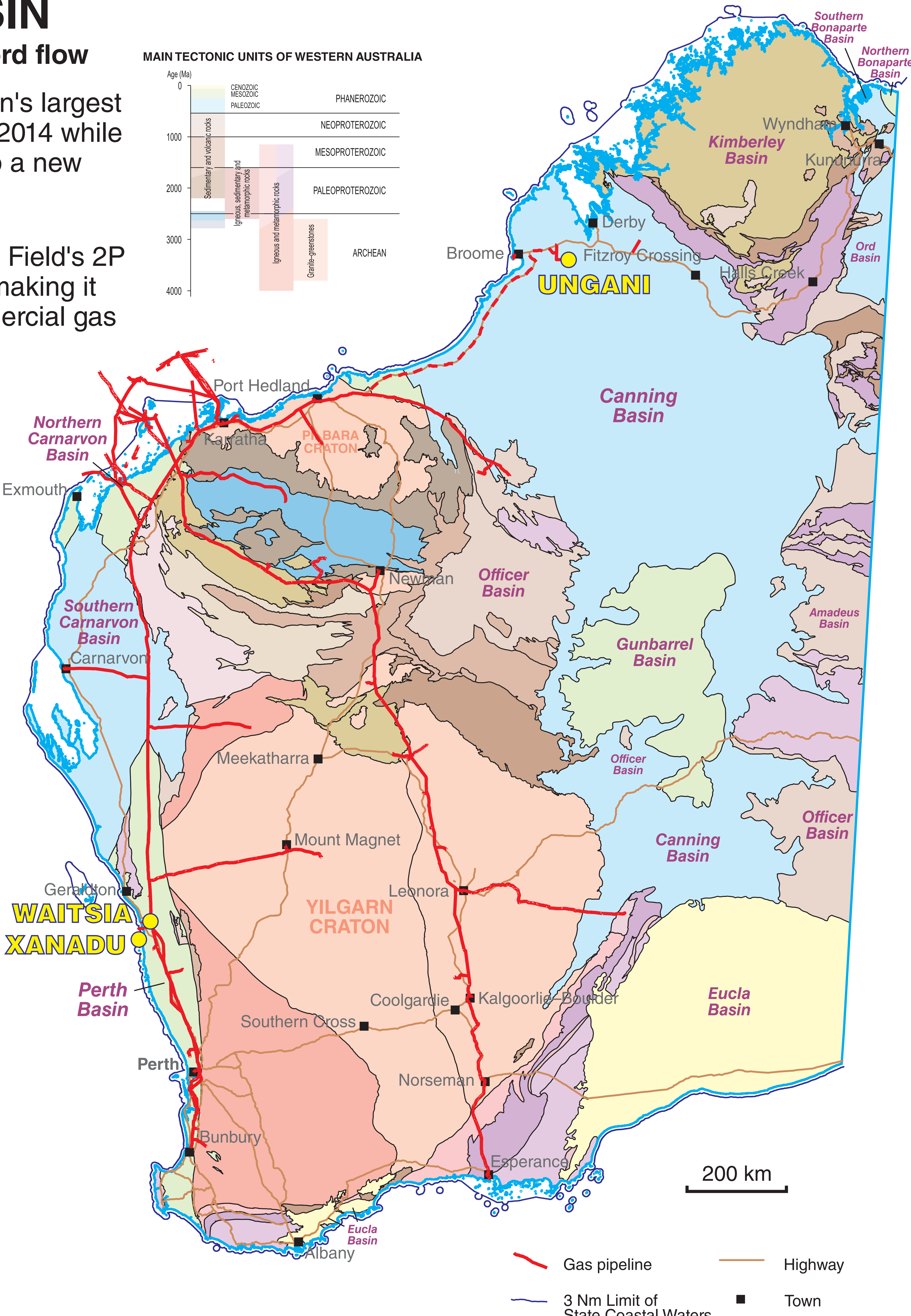
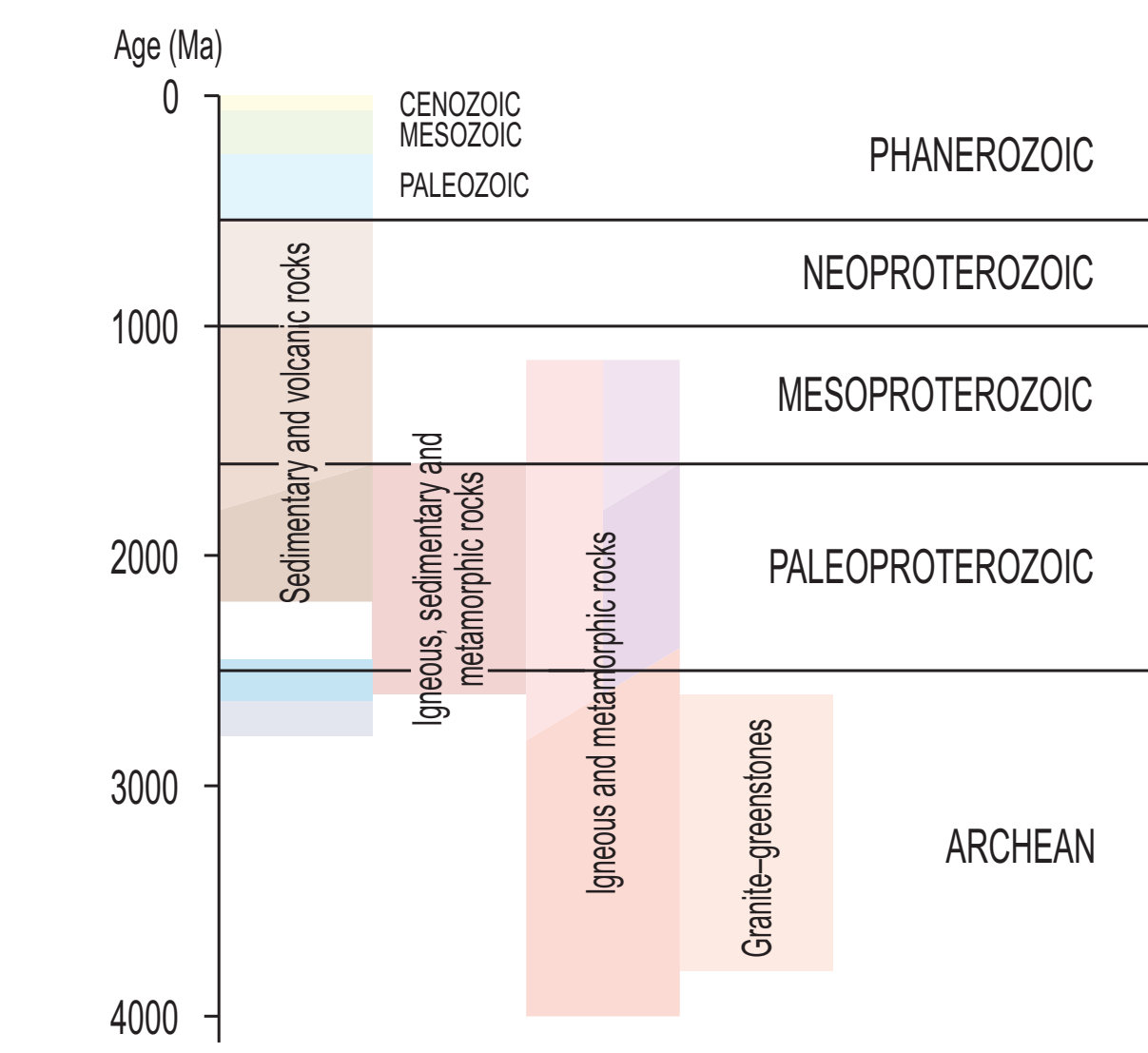
In September 2017 the Xanadu 1 oil discovery was made in State Waters about 1.3 km from the coastline.

- Hydrocarbon-bearing intervals were intersected in the Permian Irwin River Coal Measures.
- A wireline tool recovered 34.7 degrees API oil similar to that at Cliff Head Oil Field to the northwest.

Pre-drill estimates for the Irwin River Coal Measures in Xanadu 1 were for between 13 to 159 million barrels with a best estimate of 88 million barrels.  
(www.norwestenergy.com.au)



MAIN TECTONIC UNITS OF WESTERN AUSTRALIA



## ONSHORE CANNING BASIN

### Ungani oil field

The Ungani Oil Field is located approximately 100 km east of Broome, and was discovered in 2011.

- 37 degrees API oil flowed on DST at rates of up to 1,647 bpd on 32/64" choke from Devonian–Carboniferous dolomite. This was another new play discovery.

Oil has been delivered by road tanker to the northern Australian port of Wyndham.

Accelerated development of Ungani Oil Field is planned after the drilling of Ungani 4 and 5 in the fourth quarter, 2017.  
(www.buruenergy.com/asx-announcements/)



Loaded fuel truck, Ungani Oil Field.

www.buruenergy.com

