

**Petroleum potential of the Bass Basin***E. Nicholas, K. L. Lockwood, A. R. Martin<sup>1</sup>, & K. S. Jackson*

<i>Well</i>	<i>'Lower' Eastern View Coal Measures (71 samples)</i>		<i>Otway Gp (9 samples)</i>	
	<i>T.A.I.</i>	<i>Source type</i>	<i>T.A.I.</i>	<i>Source type</i>
Bass No. 2	1 to 1.5	Gas		
Bass No. 3	1.5 to 2	Oil & gas		
Cormorant No. 1	2 to 3	Gas & some oil		
Durroon No. 1	1 to 2	Gas	2 to 2.5	Gas
Konkon No. 1	1 to 2	Gas	1.5 to 2	Gas
Narimba No. 1	1 to 1.5	Gas		
Pelican No. 1	1.5 to 2.5	Gas		
Pelican No. 3	2 to 2.5	Oil & gas		
Poonboon No. 1	2 to 2.5	Oil & gas		
Tarook No. 1	2 to 2.5	Gas		
Dondu No. 1	2 to 2.5	Gas & some oil		

Thermal alteration index (based on spore and pollen colouration):  
 1 to 2, immature  
 2 to 2.5, transitionally mature  
 2.5 to 3, mature  
 3 to 4, increasingly overmature

Maturation and interpreted hydrocarbon (oil or gas) source type