

Sample and Depth	Zone	Age	Preservation	Diversity	Remarks
SWC 29 4145'	Upper <i>N. asperus</i>	Late Eocene	Good	Moderate	Rare microplankton
SWC 28 4400'	Middle <i>N. asperus</i>	Middle to Late Eocene	Good	Moderate	Sparse microplankton
SWC 27 4600'	Middle <i>N. asperus</i>	Middle to Late Eocene	Good to Fair	Low	Assemblage dominated by microplankton (<i>E. indentata</i> abundant)
SWC 26 5037'	Lower <i>N. asperus</i>	Middle Eocene	Good to Fair	Moderate	
SWC 24 5195'	Lower <i>N. asperus</i>	Middle Eocene	Fair	Moderate	
SWC 23 5415'	<i>Proteacidites asperopolus</i>	Early Eocene	Good	High	Excellent example of typical <i>P. asperopolus</i> assemblage - contains numerous undescribed species
SWC 22 5610'	<i>Proteacidites asperopolus</i>	Early Eocene	Good	High	Sparse Microplankton
SWC 21 5825'	Middle <i>M. diversus</i>	Early Eocene	Fair	Low	Shallowest reworked Permian and Cretaceous spore-pollen; rare microplankton
SWC 20 6075'	Middle <i>M. diversus</i>	Early Eocene	Fair	Moderate	Sparse Microplankton
SWC 19 6130'	Lower <i>M. diversus</i>	Early Eocene	Fair	Very Low	Dominant dinoflagellate assemblage with abundant <i>Wetzeliella</i> ; spore-pollen very rare
SWC 17 6335'	Lower <i>M. diversus</i>	Early Eocene	Fair	Low	Mostly long ranging species
SWC 16 6400'	Lower <i>M. diversus</i>	Early Eocene	Fair	Low	Mainly spore-pollen; <i>Dilwynites</i> common
SWC 14 6620'	Upper <i>L. balmei</i>	Paleocene	Fair	Moderate	Rare microplankton
SWC 12 6866'	Upper <i>L. balmei</i>	Paleocene	Poor	Low	As above
SWC 11 7000'	Upper <i>L. balmei</i>	Paleocene	Fair to Good	High	As above
Core 1 7060'	Indeterminate				Too few indigenous specimens and no diagnostic forms; reworked Permian spore-pollen
SWC 10 7060'	Upper <i>L. balmei</i>	Paleocene	Fair	Moderate	Rare microplankton
SWC 6 7420'	Lower <i>L. balmei</i>	Paleocene	Fair	Low	
SWC 5 7547'	Lower <i>L. balmei</i>	Paleocene	Fair to Poor	Low	<i>L. balmei</i> and <i>Gambierina</i> spp. frequent
SWC 3 7705'	Lower <i>L. balmei</i>	Paleocene	Poor	Low	<i>Gambierina</i> spp. common
SWC 2 7803'	Lower <i>L. balmei</i>	Paleocene	Poor	Low	
SWC 1 7935'	Lower <i>L. balmei</i>	Paleocene	Poor	Low	<i>C. splendens</i> prevalent

INTERPRETATIVE

Table 1 - Summary of Palynological Analyses, Yurongi-1 well, Bass Basin, Australia