

TABLE-1: INTERPRETATIVE PALYNOLOGICAL DATA FOR FLINDERS-1, BASS BASIN.

SAMPLE TYPE	DEPTH (M)	SPORE-POLLEN ZONE	*CR RTG	AGE	COMMENTS
Cuttings	1602	Lower <i>N. asperus</i>	3	Middle Eocene	Maximum age.
Cuttings	1702	Indeterminate		Eocene	<i>In situ</i> fossils carbonised.
Cuttings	1790	Indeterminate		Eocene	<i>In situ</i> fossils carbonised.
Cuttings	1906	Middle <i>M. diversus</i> or younger		Eocene	Oldest occurrence <i>Polycolporopollenites esobalteus</i> .
Cuttings	2071	Indeterminate		Eocene	Dark <i>Pseudoschizea circula</i> .
Cuttings	2125	Indeterminate		Eocene	
Cuttings	2155	Indeterminate		Early Eocene	LAD <i>Apectodinium homomorphum</i> (long spines).
Cuttings	2304	Indeterminate		Indeterminate	Very poor sample.
Cuttings	2365.5	Lower <i>M. diversus</i>	3	Early Eocene	LAD <i>Peninsulapollis gillii</i> .
Cuttings	2417	Lower <i>M. diversus</i>	3	Early Eocene	Frequent <i>Proteacidites grandis</i> .
Cuttings	2461	Upper <i>L. balmei</i>	3	Paleocene	LAD <i>Polycolpites langstonii</i> .
Cuttings	2504	Lower <i>L. balmei</i>	3	Paleocene	LAD <i>Tetracolporites verrucosus</i> .
Cuttings	2547	<i>L. balmei</i>	3	Paleocene	<i>Gambierina rudata</i> present.
Cuttings*	2559	<i>L. balmei</i>	3	Paleocene	
Cuttings*	2568	<i>L. balmei</i>	3	Paleocene	
Cuttings*	2583	<i>L. balmei</i>	3	Paleocene	<i>P. langstonii</i> present.
Cuttings	2607	<i>L. balmei</i>	3	Paleocene	<i>P. langstonii</i> present.
Cuttings	2675.5	<i>L. balmei</i>	3	Paleocene	Common <i>Lygistepollenites balmei</i> .
Cuttings	2688.5	<i>L. balmei</i>	3	Paleocene	Not older than Lower <i>L. balmei</i> .

* Microscope examination by Roger Morgan

*CR RTG = Confidence Ratings
 FAD = First Appearance Data
 LAD = Last Appearance Data