

TPR
OR-023

Bass Basin Part 22.

REVISION OF
BASS BASIN PALYNOLOGY AND
MICROPALAEONTOLOGY DATA SHEETS

by

A. D. PARTRIDGE

INTRODUCTION

The palynological and to a lesser extent the micropalaeontological zonations for wells in the Bass Basin have been reviewed and are presented in this compilation on new format Data Sheets.

The last time a comprehensive set of Data Sheets were issued for the Bass Basin was in March 1973, when some major revisions were made in the concepts of the palynological zones by A.D. Partridge during a very active period of exploration in the Bass Basin. In the additional wells drilled in the basin in the immediately following years, the palynology was done by Dr. L.E. Stover at Exxon Production Research Co. or by Mr. W.K. Harris (for the Hematite wells: Aroo-1, Nangkero-1 and Snail-1). Although the age dating and documentation of these wells was good there were some differences of interpretation of the zones by the three workers, causing some difficulties in correlation. The revised data sheets are presented here to hopefully overcome these differences.

The micropalaeontological Data Sheets included in this report have not been upgraded, but are included for sake of completeness. They are presented on new format Data Sheets which have been revised for better presentation and to show our current correlation with the Geological Time Scale.

INDEX TO DATA SHEETS

from

BASS BASIN OFFSHORE

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Cormorant-1	Micropaleontological Palynology
Dondu-1	Micropaleontological Palynology
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Kon Kon-1	Micropaleontological Palynology
Nangkeru-1	Micropaleontological Palynology
Narimba-1	Micropaleontological Palynology
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MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: AR00-1

ELEVATION: KB: +32 feet GL: -250 feet
 TOTAL DEPTH: 12,112 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
	B ₁										
MIOCENE	LATE	B ₂									
		C									
		D ₁	2800	3							
	MIDDLE	D ₂						2980	3		
		E ₁	3100*	3							
		E ₂						3400	3		
		F	3520	3							
	EARLY	G									
		H ₁									
		H ₂						4910	3		
OLIGOCENE	LATE	I ₁	4990	3	5055	1					
		I ₂					5680	3	5612	1	
	EARLY	J ₁	5700	2							
		J ₂					5824	1			
EOC- ENE	K	6105	2				6105	2			
	Pre-K										

COMMENTS: All depths in feet.
* Good incoming of E fauna.

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR
 DATA REVISED BY: _____

DATE: 10.6.74
 DATE: _____

BASIN: BASS

ELEVATION: KB: +32 feet GL: -250 feet

WELL NAME: AR00-1

TOTAL DEPTH: 12,112 feet.

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	6715	1				6825	1			
	Lower <i>N. asperus</i>	6920	1				7431	1			
	<i>P. asperopolus</i>	8189	2				8615	1			
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>										
	Lower <i>M. diversus</i>	8944	1				8944	1			
	Upper <i>L. balmei</i>	8990	1				9080	1			
	Lower <i>L. balmei</i>	9166	2				10294	1			
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.
Samples below 10,294 feet were indeterminate.
Demons Bluff Formation: 5950-6723 feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: W.K. HARRIS DATE: JUNE 6, 1974

DATA REVISED BY: A.D. PARTRIDGE DATE: JANUARY 2, 1975.

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS

ELEVATION: KB: +31 ft GL: -265 ft

WELL NAME: BASS-1

TOTAL DEPTH: 7717 ft.

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂						1000	3			
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁	1100	3							
		B ₂						1400	3		
		C	1500	1				1960	3		
	MIDDLE	D ₁	1998	1							
		D ₂						2250	3		
		E ₁	2300	3							
		E ₂						2530	3		
	EARLY	F	3141	0							
		G						3500	3		
		H ₁	3550	3	3665	0					
		H ₂						3850	3		
		I ₁	3890	1				4030	3		
OLIGOCENE	LATE	I ₂	4270	3			4800	3			
		J ₁	4857	1							
	EARLY	J ₂						5200	3		
		K	5300	3							
EOC- ENE	Pre-K						5905	2			

COMMENTS: All depths in feet.

Sample from C-7 @ 3881 feet not assigned to zone.

Basalt occurs between 2530 and 3090 feet and between 4025 and 4265 feet.

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 26 JULY 1971

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: BASS-1

ELEVATION: KB: +31 feet GL: -265 ft.
 TOTAL DEPTH: 7,717 ft.

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	5382	1				5905	1			
	Lower <i>N. asperus</i>	6405	1				6430	1			
	<i>P. asperopolus</i>	6930	1				6960	1			
	Upper <i>M. diversus</i>	7692	1				7717	1			
	Mid <i>M. diversus</i>										
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.
At T.D. the well is still in the upper part of the Upper *M. diversus* Zone.
Only main core samples have been examined from this well.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE DATE: JUNE 1971

DATA REVISED BY: A.D. PARTRIDGE DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: BASS-2

ELEVATION: KB: +31 ft GL: -280 ft
 TOTAL DEPTH: 5,910 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
	MIDDLE	C						1720	3		
		D ₁	1780	3							
		D ₂						2120	3		
		E ₁	2200	3							
		E ₂						2504	1		
		F	2600	3							
	EARLY	G									
		H ₁									
OLIGOCENE	LATE	H ₂					3000	3			
		I ₁	3035	1			3300	3			
	I ₂	3390	3				3470	3			
	EARLY	J ₁	3518	1				3518	1		
		J ₂									
EOC- ENE	K	3600	3	3700	2						
	Pre-K						3828	2			

COMMENTS: All depths in feet

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 26 JULY 1971

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: BASS-2

ELEVATION: KB: +31 feet GL: -280 ft
 TOTAL DEPTH: 5,910 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	3050	1				3050	1			
	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	3800	1				3822	1			
	Lower <i>N. asperus</i>	3992	1				4308	1			
	<i>P. asperopolus</i>	4463	1				4463	1			
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>	4573	1				4648	1			
	Lower <i>M. diversus</i>	4740	1				4861	2	4740	1	
	Upper <i>L. balmei</i>	4939	1				5220	1			
	Lower <i>L. balmei</i>	5405	1				5508	1			
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet. The Upper *M. diversus* Zone is absent in this well owing to a disconformity at about 4500 feet. SWC at 4308 ft with 15% *P. asperopolus* is now regarded as Lower *N. asperus* in age following results from Barracouta-4, where a *P. asperopolus* abundance occurs in this zone.

CONFIDENCE RATING: 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE DATE: JUNE 1971

DATA REVISED BY: A.D. PARTRIDGE DATE: DECEMBER 1978.

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: BASS-3

ELEVATION: KB: +31 ft GL: -202 ft
 TOTAL DEPTH: 7,978 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEISTOCENE	A ₁										
	A ₂										
PLIOCENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
	MIDDLE	C	1500	3				2010	3		
		D ₁	2040	3							
		D ₂						2400	3		
		E ₁	2430	3							
		E ₂						2520	3		
		F	2610	3				2900	3		
	EARLY	G	3000	1				3300	3		
		H ₁	3356	2	3500	1					
	OLIGOCENE	LATE	H ₂					3600	3		
			I ₁	3700	3			3900	3		
I ₂		3997	1				4200	3			
EARLY		J ₁	4300	3							
		J ₂						4400	3		
Eocene	K	4516	1				4654	1			
	Pre-K	4794	2				5175	2			

COMMENTS: All depths in feet.

CONFIDENCE RATING: 0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 26 JULY, 1971

DATA REVISED BY: _____

DATE: _____

PALYNOLOGY DATA SHEET

BASIN: BASS
 WELL NAME: BASS-3

ELEVATION: KB: + 31 feet GL: -202 ft.
 TOTAL DEPTH: 7,978 ft.

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	4022	1				4022	1			
	Upper <i>N. asperus</i>	4516	2				4539	2			
	Mid <i>N. asperus</i>	4731	1				5465	1			
	Lower <i>N. asperus</i>	5540	2	5811	1		5907	1			
	<i>P. asperopolus</i>	6021	2	6155	1		6155	1			
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>	6421	1				6437	1			
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>	6600	1				6600	1			
	Lower <i>L. balmei</i>	6710	1				7203	2	7150	1	
	<i>T. longus</i>	7311	1				7710	2	7439	1	
LATE CRETACEOUS	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarيناتus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE DATE: JUNE 1971

DATA REVISED BY: A. D. PARTRIDGE DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: CORMORANT-1

ELEVATION: KB: +100 ft GL: -240 ft
 TOTAL DEPTH: 9,845 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄						1090	3			
	B ₁										
	B ₂										
MIOCENE	LATE	C									
		MIDDLE	D ₁								
			D ₂					1450	2		
	EARLY	E ₁									
		E ₂									
		F	1596	2							
		G					2040	2			
		H ₁	2200	2							
	OLIGOCENE	LATE	H ₂					2652	1		
			I ₁	2700	3			2750	3		
EARLY		I ₂	2798	1			2798	1			
		J ₁	2882	2			2882	2			
		J ₂									
EOC- ENE	K	2998	2			3002					
	Pre-K	3300	2			4220	2				

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR
 DATA REVISED BY: _____

DATE: 26 JULY 1971
 DATE: _____

BASIN: BASS
 WELL NAME: CORMORANT-1

ELEVATION: KB: +100 feet GL: -240 feet.
 TOTAL DEPTH: 9845 feet

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	3700	0				3920	0			
	Lower <i>N. asperus</i>	4305	1				4999	1			
	<i>P. asperopolus</i>	5356	1				5990	0			
	Upper <i>M. diversus</i>	6518	0				7154	2	7026	1	
	Mid <i>M. diversus</i>	7284	2				7635	1			
	Lower <i>M. diversus</i>	8820	1				9825	1			
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.
 Samples between 7694 & 8683 feet are too carbonized for any age determination.
 Samples below 8682 feet are extremely poorly preserved and highly carbonized, but nothing older than Lower *M. diversus* was observed.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE/ADP DATE: JUNE 1971:/NOVEMBER 1972
 DATA REVISED BY: A.D. PARTRIDGE DATE: FEBRUARY 1973.

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: DONDU-1

ELEVATION: KB: +32 ft GL: -269 ft
 TOTAL DEPTH: 9,603 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEISTOCENE	A ₁										
	A ₂										
PLIOCENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁									
		D ₂									
		E ₁	3200	0							
		E ₂					3200	0			
	EARLY	F	3365	1							
		G									
		H ₁	3720	1							
OLIGOCENE	LATE	H ₂					3900	1			
		I ₁									
	I ₂										
	EARLY	J ₁	4066	1			4066	1			
		J ₂									
	EOCENE	K									
Pre-K											

COMMENTS: All depths in feet.

3200 feet sample is E₂ at very base of E.

Zone J determination at 4066 feet is reliable but sample may be misplaced.

CONFIDENCE RATING:

- 0: SWC or Core - Complete assemblage (very high confidence).
- 1: SWC or Core - Almost complete assemblage (high confidence).
- 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
- 3: Cuttings - Complete assemblage (low confidence).
- 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 11 JULY 1973

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: DONDU-1

ELEVATION: KB: +32 ft GL: -269 ft
 TOTAL DEPTH: 9,603 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	4840	0				5600	1			
	Lower <i>N. asperus</i>	5700	1				6208	1			
	<i>P. asperopolus</i>	6530	1				6608	1			
	Upper <i>M. diversus</i>	6700	2				6700	2			
	Mid <i>M. diversus</i>	7075	2				7075	2			
	Lower <i>M. diversus</i>	7378	1				7688	2	7510	1	
	Upper <i>L. balmei</i>	7980	1	7674	2						
	Lower <i>L. balmei</i>						9590	2			
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

Samples from deeper than 7000 feet generally contain poorly preserved assemblages with very few diagnostic species.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER DATE: AUGUST 1973

DATA REVISED BY: _____ DATE: _____

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: DURROON-1

ELEVATION: KB: +32 ft GL: -225 ft
 TOTAL DEPTH: 9,922 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁									
		D ₂									
		E ₁									
		E ₂									
	EARLY	F	807	0				996*	1		
		G									
		H ₁									
	OLIGOCENE	LATE	H ₂								
			I ₁								
I ₂											
EARLY		J ₁									
		J ₂									
EOC- ENE		K									
	Pre-K										

COMMENTS: All depths in feet.

* Lower Miocene present at 1122 and 1300 feet, based on benthonic foraminifera; no planktonic foraminifera were found at these depths.

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 3 NOVEMBER 1972

DATA REVISED BY: _____

DATE: _____

BASIN: BASS

ELEVATION: KB: +32 feet GL: -225 feet.

WELL NAME: DURROON-1

TOTAL DEPTH: 9922 feet.

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	1300	1				1392	1			
	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	1847	1				1980	2	1874	1	
	Lower <i>N. asperus</i>										
	<i>P. asperopolus</i>										
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>										
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>	2196	1				3035	1			
	LATE CRETACEOUS	<i>T. longus</i>	3415	1				3715	2	3594	1
<i>T. lilliei</i>		3844	1				4223	1			
<i>N. senectus</i>		4400	1				4400	1			
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>		4510	1				5030	1			
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>	5500	1				7236	2	6880	1	
	<i>C. striatus</i>	7927	1				8480	1			
	<i>F. asymmetricus</i>	9650	1				9854	1			
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: A.D. PARTRIDGE

DATE: JANUARY 1973

DATA REVISED BY: _____

DATE: _____

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: KON KON-1

ELEVATION: KB: +32 ft GL: -230 ft
 TOTAL DEPTH: 5,043 ft

AGE	FORAM. ZONULES	HIGHEST DATA				LOWEST DATA					
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS-TOCENE	A ₁										
	A ₂										
PLIO-CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
	MIDDLE	C									
		D ₁									
		D ₂									
		E ₁									
		E ₂									
		F									
	EARLY	G	2550	1				2550	1		
		H ₁	2600	1				2600	1		
OLIGOCENE	LATE	H ₂									
		I ₁									
	EARLY	I ₂									
		J ₁									
J ₂											
EOC-ENE	K	3050	1				3100	1			
	Pre-K										

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 3 JULY 1973

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: KON KON-1

ELEVATION: KB: +32 ft GL: -230 ft
 TOTAL DEPTH: 5,043 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>										
	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	3450	0				3595	0			
	Lower <i>N. asperus</i>	3900	2				3900	2			
	<i>P. asperopolus</i>	3950	1				3950	1			
	Upper <i>M. diversus</i>	4210	1				4310	1			
	Mid <i>M. diversus</i>	4437	0				4445	1			
	Lower <i>M. diversus</i>	4460	0				4480	1			
	Upper <i>L. balmei</i>	4500	1				4602	1			
	Lower <i>L. balmei</i>	4650	1				4852	2	4800	1	
LATE CRETACEOUS	<i>T. longus</i>	4904	1				4904	1			
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER DATE: JULY 1973

DATA REVISED BY: _____ DATE: _____

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: NANGKERO-1

ELEVATION: KB: + 32 feet EL: -261 ft
 TOTAL DEPTH: 9,440 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA					
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	
PLEIS- TOCENE	A ₁											
	A ₂											
PLIO- CENE	A ₃											
	A ₄											
MIOCENE	LATE	B ₁										
		B ₂										
		C										
	MIDDLE	D ₁										
		D ₂						2000	3			
		E ₁										
		E ₂	3000**	3				3200	3			
		F	3280	1								
	EARLY	G						3510	1			
		H ₁	3600	3	3770	1						
		H ₂						4900	2			
		I ₁										
OLIGOCENE	LATE	I ₂										
		J ₁										
	J ₂											
EOC- ENE	K											
	Pre-K											

COMMENTS: All depths in feet.

Seafloor: 261 feet. ** Highest appearance of Zone E2 in cuttings.

Barren sand interval (=Angahook Formation) occurs in SWC's at
5390 feet, 5580 and 5670 feet.

Indeterminate fauna occurs at 5950 feet.

CONFIDENCE RATING: 0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 18 June 1974

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: NANGKERO-1

ELEVATION: KB: + 32 feet GL: -261 ft
 TOTAL DEPTH: 9,440 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	5527	1				5527	1			
	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	6275	1				6275	1			
	Lower <i>N. asperus</i>	6626	1				6988	1			
	<i>P. asperopolus</i>	7113	1								
	Upper <i>M. diversus</i>						7747	1			
	Mid <i>M. diversus</i>	8000	2								
	Lower <i>M. diversus</i>						8250	1			
	Upper <i>L. balmei</i>	9003	1				9350	1			
	Lower <i>L. balmei</i>										
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.
Demons Bluff Formation 5747-6170 feet.
T.D. 9440 feet. Early Eocene dinoflagellates occur between 7747 and 8250 feet.
W. homomorpha Zone is present at 9350 feet.

CONFIDENCE RATING:
 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: W.K. HARRIS DATE: JUNE 29, 1974
 DATA REVISED BY: A.D. PARTRIDGE DATE: NOVEMBER 28, 1978

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASSELEVATION: KB: 32 feet GL: -253 ftWELL NAME: NARIMBA-1TOTAL DEPTH: 11,003 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
	B ₁										
MIOCENE	LATE	B ₂									
		C									
		D ₁									
	MIDDLE	D ₂									
		E ₁									
		E ₂									
		EARLY	F	3000	0				3000	0	
	G		3500	1				3500	1		
	H ₁		4000	2							
	OLIGOCENE	LATE	H ₂					4500	1		
I ₁											
I ₂											
EARLY		J ₁	5500*	2							
		J ₂									
ECC- ENE	K						5850	2			
	Pre-K										

COMMENTS: All depths in feet.

* Range of SWC 5500 is from K to J-1.

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLORDATE: 25 SEPTEMBER 1973

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: NARIMBA-1

ELEVATION: KB: +32 ft GL: -253 ft
 TOTAL DEPTH: 11,003 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>										
	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	5850	0				5850	0			
	Lower <i>N. asperus</i>	6160	2	6505	1		7243	2	6505	1	
	<i>P. asperopolus</i>	7434	1				7616	1			
	Upper <i>M. diversus</i>	7830	2	8120	1		8210	1			
	Mid <i>M. diversus</i>	8335	1				9170	1			
	Lower <i>M. diversus</i>	9246	1				10770	2	9952	1	
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

Demons Bluff Formation: 5428 - 5884 feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER DATE: JANUARY 1974

DATA REVISED BY: A.D. PARTRIDGE DATE: DECEMBER 1978

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASSELEVATION: KB: +100 ft GL: -251 ftWELL NAME: PELICAN-1TOTAL DEPTH: 10,428 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEISTOCENE	A ₁										
	A ₂										
PLIOCENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C						1920	2		
	MIDDLE	D ₁	2100	1							
		D ₂						2290	1		
		E ₁	2400	1							
		E ₂						2600	3	2533	1
	EARLY	F	2700	3							
		G						3300	1		
		H ₁	3400	3							
		H ₂						4050	1		
		I ₁	4100	3				4300	2		
OLIGOCENE	LATE	I ₂									
		J ₁	5006	2				5006	2		
	EARLY	J ₂									
EOCENE	K	5120	1				5120	1			
	Pre-K	5208	2				5750	2			

COMMENTS: All depths in feet.

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).

1: SWC or Core - Almost complete assemblage (high confidence).

2: SWC or Core - Close to zonule change but able to interpret (low confidence).

3: Cuttings - Complete assemblage (low confidence).

4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLORDATE: 26 JULY 1971

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: PELICAN-1

 ELEVATION: KB: + 100 feet GL: -251 ft
 TOTAL DEPTH: 10,428 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	5748	1				5933	1			
	Lower <i>N. asperus</i>	6057	2	6100	1		6604	1			
	<i>P. asperopolus</i>	6834	1				7346	1			
	Upper <i>M. diversus</i>	7527	1				7752	1			
	Mid <i>M. diversus</i>	8198	1				8568	1			
	Lower <i>M. diversus</i>	9282	1				10315	2	9953	1	
	Upper <i>L. balmei</i>	10395	2				10395	2			
	Lower <i>L. balmei</i>										
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

 COMMENTS: All depths in feet.

CONFIDENCE RATING:

0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.

1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.

2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.

4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

 DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE

 DATE: NOVEMBER 1971

 DATA REVISED BY: A.D. PARTRIDGE

 DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

 BASIN: BASS
 WELL NAME: PELICAN-2

 ELEVATION: KB: +100 ft GL: -255 ft
 TOTAL DEPTH: 10,066 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁	2300	3							
		D ₂						2400	3		
		E ₁	2500	3							
		E ₂						2750	3		
	EARLY	F	2800	3							
		G						3400	3		
		H ₁	3500	3	3685	1					
		H ₂						4300	3		
		I ₁	4400	3	4425	1					
OLIGOCENE	LATE	I ₂					4650	3			
		J ₁									
	EARLY	J ₂									
		K	5233	2				5233	2		
Eocene	Pre-K	5476	2				5852	2			

COMMENTS: All depths in feet.

 Very shallow water sequence. Unable to recognise zonules A-C and J.
 Identical to Pelican-1.

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

 DATA RECORDED BY: D.J. TAYLOR
 DATA REVISED BY: _____

 DATE: 11 NOVEMBER 1971
 DATE: _____

BASIN: BASS
 WELL NAME: PELICAN-2

ELEVATION: KB: + 100 feet GL: -255 ft
 TOTAL DEPTH: 10,066 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>										
	Mid <i>N. asperus</i>	5900	1				5949	2	5900	1	
	Lower <i>N. asperus</i>	6242	1				6825	1			
	<i>P. asperopolus</i>	7340	2				7505	2			
	Upper <i>M. diversus</i>	7702	1				8323	2	8150	1	
	Mid <i>M. diversus</i>	8740	1				9053	1			
	Lower <i>M. diversus</i>	9104	2	9812	1		10009	1			
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER & A.D. PARTRIDGE DATE: NOVEMBER 1971
 DATA REVISED BY: A.D. PARTRIDGE DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS
 WELL NAME: PELICAN-3

ELEVATION: KB: + 32 feet GL: -263 ft
 TOTAL DEPTH: 9,537 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁									
		D ₂									
		E ₁	2850	3							
		E ₂									
	EARLY	F	3200	1				3200	1		
		G									
		H ₁	3700	1				3700	1		
OLIGOCENE	LATE	H ₂	3950	1			3950	1			
		I ₁	4410	3			4600	1			
	EARLY	I ₂									
		J ₁									
		J ₂									
EOC- ENE	K										
	Pre-K	5700	1				5700	1			

COMMENTS: All depths in feet.

No rotary cuttings examined.

SWC's at the following depths (in feet) 4200,4800,5000,5200,5400

(N.F.F) 5430 (N.F.F), 5460 (N.F.F), 5490,5520,5550,5600,5803,5860

(N.F.F), 5890 (N.F.F), 5920 (N.F.F), 5950 (N.F.F) 5980 (N.F.F) contain
 insufficient diagnostic forms for age determinations or no foraminiferal
 fauna (N.F.F).

CONFIDENCE RATING: 0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with
 depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 4 JULY 1972

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: PELICAN-3

ELEVATION: KB: + 32 feet GL: -263 ft
 TOTAL DEPTH: - 9,537 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	4600	1				4800	1			
	Upper <i>N. asperus</i>	5000	1				5400	1			
	Mid <i>N. asperus</i>	5460	1				5980	2	5950	1	
	Lower <i>N. asperus</i>	6257	1				6628	2	6540	1	
	<i>P. asperopolus</i>	6800	1				7100	3	6800	1	
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>										
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>	7950	3				8220	3			
	Lower <i>L. balmei</i>	8300	3	9367	1		9520	1			
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet. The SWC's are considered to be unreliable below 6800 ft and have not been used to zone the well. The samples between 7320 ft and 7930 ft belong to the *M. diversus* Zone but it is not possible to determine from the cuttings to which subdivision they belong.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: A.D. PARTRIDGE DATE: JULY 1972
 DATA REVISED BY: A.D. PARTRIDGE DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS

ELEVATION: KB: +32 feet GL: -259 ft

WELL NAME: POONBOON-1

TOTAL DEPTH: 10,715 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA					
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	
PLEIS- TOCENE	A ₁											
	A ₂											
PLIO- CENE	A ₃											
	A ₄											
MIOCENE	LATE	B ₁										
		B ₂										
		C										
	MIDDLE	D ₁										
		D ₂						2930	3			
		E ₁	2990	3	3088	0						
		E ₂						3550*	4	3088	0	
	EARLY	F	3450*	2								
		G										
		H ₁										
		H ₂										
		I ₁										
OLIGOCENE	LATE	I ₂										
		J ₁										
	EARLY	J ₂										
		K										
EOC- ENE	Pre-K	6200	1				6200	1				

COMMENTS: All depths in feet.

* Based solely on benthonic foraminifera.

Planktonic foraminifera are either absent or represented by single nondescript species in SWC's below 3088 feet. Rotary cuttings are heavily contaminated by down hole cavings and exotic mud contamination.

CONFIDENCE RATING: 0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 6 OCTOBER 1972

DATA REVISED BY: _____

DATE: _____

PALYNOLOGY DATA SHEET

BASIN: BASS
 WELL NAME: POONBOON-1

ELEVATION: KB: + 32 feet GL: -259 ft
 TOTAL DEPTH: 10,715 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>	3450	1				4940	1			
	Upper <i>N. asperus</i>	5250	1				5550	1			
	Mid <i>N. asperus</i>	5600	1				6525	1			
	Lower <i>N. asperus</i>	6600	1				7200	1			
	<i>P. asperopolus</i>	7300	1				7602	1			
	Upper <i>M. diversus</i>	7800	1				7800	1			
	Mid <i>M. diversus</i>	7960	1				8118	1			
	Lower <i>M. diversus</i>	8250	1				8700	1			
	Upper <i>L. balmei</i>	8788	1				8980	3	8823	1	
	Lower <i>L. balmei</i>	9050	3	9957	1		10608	1			
LATE CRETACEOUS	<i>T. longus</i>	10654	1				10715	1			
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarيناتus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

CONFIDENCE RATING: 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: A.D. PARTRIDGE DATE: OCTOBER 1972
 DATA REVISED BY: A.D. PARTRIDGE DATE: MARCH 1973

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASS

ELEVATION: KB: +32 feet GL: -261 ft

WELL NAME: TAROOK-1

TOTAL DEPTH: 9,100 ft

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEISTOCENE	A ₁										
	A ₂										
PLIOCENE	A ₃										
	A ₄										
	B ₁										
MIOCENE	LATE	B ₂									
		C									
		D ₁									
	MIDDLE	D ₂									
		E ₁	2800	3				2920	3		
		E ₂	2980	3				2980	3		
		F	3100	4							
	EARLY	G									
		H ₁	4030	3							
		H ₂									
OLIGOCENE	LATE	I ₁	4510	3				4900	3		
		I ₂	4600	2				4800	2		
		J ₁									
	EARLY	J ₂									
		K									
EOCENE	Pre-K										

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLOR

DATE: 30 OCTOBER 1972

DATA REVISED BY: _____

DATE: _____

BASIN: BASS
 WELL NAME: TAROOK-1

ELEVATION: KB: + 32 feet GL: -261 ft
 TOTAL DEPTH: 9,100 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>										
	Upper <i>N. asperus</i>	5200	1				5630	2	5400	1	
	Mid <i>N. asperus</i>	5792	0				6323	1			
	Lower <i>N. asperus</i>	6436	2	6650	1		7028	2	6834	1	
	<i>P. asperopolus</i>	7130	2	7440	1		7725	1			
	Upper <i>M. diversus</i>	7834	1				8575	1			
	Mid <i>M. diversus</i>	8680	1				9097	2	8875	1	
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: A.D. PARTRIDGE DATE: NOVEMBER 1972
 DATA REVISED BY: A.D. PARTRIDGE DATE: MARCH 1973

BASIN: BASS
 WELL NAME: TOOLKA-1a

ELEVATION: KB: + 32 feet GL: -258ft
 TOTAL DEPTH: 8,907 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
PALEOGENE	<i>P. tuberculatus</i>										
	Upper <i>N. asperus</i>	4540	1				4540	1			
	Mid <i>N. asperus</i>	5089	1				5113	1	5461	2	
	Lower <i>N. asperus</i>	5657	1				5957	1			
	<i>P. asperopolus</i>	6105	0				6343	1			
	Upper <i>M. diversus</i>	6449	2	6817	1		6828	1			
	Mid <i>M. diversus</i>	6900	1				7100	1	7288	2	
	Lower <i>M. diversus</i>										
	Upper <i>L. balmei</i>										
	Lower <i>L. balmei</i>										
LATE CRETACEOUS	<i>T. longus</i>										
	<i>T. lilliei</i>										
	<i>N. senectus</i>										
	U. <i>T. pachyexinus</i>										
	L. <i>T. pachyexinus</i>										
	<i>C. triplex</i>										
	<i>A. distocarinatus</i>										
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.
Samples barren between 7362 and 8896 feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER DATE: MAY 1974

DATA REVISED BY: _____ DATE: _____

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: BASSELEVATION: KB: +32 feet GL: -272 ftWELL NAME: YURONGI-1TOTAL DEPTH: 8,000 ft

AGE	FORAM. ZONULES	HIGHEST DATA				LOWEST DATA					
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁									
		D ₂									
		E ₁									
		E ₂									
	EARLY	F	3000	3				3000	3		
		G									
		H ₁	3200	3							
OLIGOCENE	LATE	H ₂					3300	3			
		I ₁	3500	3			3600	3			
	I ₂										
	EARLY	J ₁	3900	3				4200	3		
		J ₂									
EOC- ENE	K										
	Pre-K										

COMMENTS: All depths in feet.

Rotary cuttings samples only.

CONFIDENCE RATING:

0: SWC or Core - Complete assemblage (very high confidence).
 1: SWC or Core - Almost complete assemblage (high confidence).
 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 3: Cuttings - Complete assemblage (low confidence).
 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: D.J. TAYLORDATE: 10 SEPTEMBER 1973

DATA REVISED BY: _____

DATE: _____

BASIN: BASS

ELEVATION: KB: +32 ft GL: -272 ft

WELL NAME: YURONGI-1

TOTAL DEPTH: 8,000 ft

AGE	PALYNOLOGICAL ZONES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
NEOGENE	<i>T. pleistocenicus</i>										
	<i>M. lipsis</i>										
	<i>C. bifurcatus</i>										
	<i>T. bellus</i>										
	<i>P. tuberculatus</i>										
PALEOGENE	Upper <i>N. asperus</i>	4145	0				4145	0			
	Mid <i>N. asperus</i>	4400	0				4600	1			
	Lower <i>N. asperus</i>	5037	1				5195	1			
	<i>P. asperopolus</i>	5415	1				5610	1			
	Upper <i>M. diversus</i>										
	Mid <i>M. diversus</i>	5825	1				6075	1			
	Lower <i>M. diversus</i>	6130	1				6400	1			
	Upper <i>L. balmei</i>	6620	1				7000	1	7096	2	
	Lower <i>L. balmei</i>	7420	1				7935	1			
	LATE CRETACEOUS	<i>T. longus</i>									
<i>T. lilliei</i>											
<i>N. senectus</i>											
U. <i>T. pachyexinus</i>											
L. <i>T. pachyexinus</i>											
<i>C. triplex</i>											
<i>A. distocarinatus</i>											
EARLY CRET.	<i>C. paradoxus</i>										
	<i>C. striatus</i>										
	<i>F. asymmetricus</i>										
	<i>F. wonthaggiensis</i>										
	<i>C. australiensis</i>										
PRE-CRETACEOUS											

COMMENTS: All depths in feet.

- CONFIDENCE RATING:
- 0: SWC or Core, Excellent Confidence, assemblage with zone species of spores, pollen and microplankton.
 - 1: SWC or Core, Good Confidence, assemblage with zone species of spores and pollen or microplankton.
 - 2: SWC or Core, Poor Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.
 - 3: Cuttings, Fair Confidence, assemblage with zone species of either spores and pollen or microplankton, or both.
 - 4: Cuttings, No Confidence, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: L.E. STOVER DATE: NOVEMBER 1973

DATA REVISED BY: _____ DATE: _____