Review of palaeontology data and preparation of STRATDAT datums for selected Otway Basin wells.

by

Alan D. Partridge

Biostrata Pty Ltd
A.C.N. 053 800 945

Biostrata Report 1996/5

22 May 1996

Review of palaeontological data and preparation of STRATDAT datums for selected Otway Basin wells.

by Alan D Partridge

Introduction

All available palaeontology data comprising reports on Open File and other published or unpublished reports from thirty-six wells in the Otway Basin have been reviewed to prepare STRATDAT database files. Where available both the micropalaeontological (foraminiferal) and palynological reports were reviewed and datums picked. Eleven of the wells are located onshore, whilst of the remaining 25 are located in offshore petroleum exploration permits in Victoria (13 wells), South Australia (8 wells), and Tasmania (4 wells).

This report provides comments on the wells considered either too general or lengthy for the Remarks field in STRATDAT. It also makes recommendations for future palynological analyses needed to improve the zonation and age dating of the sequences penetrated. Overall the review has focussed on the Sherbrook Group as part of a larger study of the stratigraphy and petroleum geology of the Late Cretaceous in the Otway Basin. STRATDAT datums are however provided for both the underlying Otway Group and younger Tertiary sequence were appropriate palaeontology data is available.

The foraminiferal datings are interpreted in terms of the Gippsland Basin planktonic foraminiferal zonation scheme developed initially by Taylor (1966) and subsequently modified in unpublished reports on numerous exploration wells.

Palynological datings in the wells are interpreted in terms of the Mesozoic palynological zonation of Dettmann & Playford (1969) which was substantially erected upon Otway Basin sequences. This zonation was subsequently modified and improved by Helby, Morgan & Partridge (1987). For the Tertiary the zonation scheme of Stover & Partridge (1973) is used. Fifteen of the wells analysed were drilled during the 1960s at a time when the earliest palynological zonations were under development. Many of the original reports on these wells are difficult to interpret in terms of the more recent zonations, principally because key index species were not being recorded. Fortunately, most of these early wells have subsequently had additional work and can now be reasonable zoned.

When picking palaeontological datums from a cuttings interval, the depth recorded has been standardised as the top of the cuttings interval.

References quoted in the following discussions of the individual well can be found in the STRATDAT files for the wells, and are not repeated in this report.

Comments On Wells and Recommendations

Argonaut–1A

The original report on the well by Dettmann (1968) was very limited analysing only 8 samples from the Sherbrook Group. The later report by Morgan (1985) is more comprehensive and provides a reasonable zonation of the Sherbrook Group. In critical need of further study is the thick interval between 5867ft–11,100ft (1788–3383m) which is characterised by long ranging species of both spore-pollen and microplankton. Within this interval the overlap in ranges of *Tricolporites apoxyexinus* and *Cyatheacedites tectifera* in sidewall cores and cuttings between 8526ft–10,300ft (2598m–3139m) is interesting as such an extensive overlap is not seen in any of the other wells reviewed. The uniqueness of this section is further emphasised by a clearly disjunct occurrence of *Conosphaeridium striatoconus* at 8958ft (2730m) above a more regionally consistent occurrence between 11,100ft–11,322ft (3383–3451m). Whether this younger record should be interpreted as a range extension or reworking could not be determined from the data. Near the top of the studied section the sidewall cores above 3225ft (983m) are confused as they contain mixed Late Cretaceous and Eocene palynomorphs. It is not clear if this is mainly reworking or contamination.

Breaksea Reef–1

Morgan (1984) provides comprehensive analysis but it is noticeable that like Argonaut–1A dinoflagellate species abundance is low. Although both spore-pollen and microplankton assemblages are moderately diverse key species are relatively rare. The shale interval below ~3190m would be interval with highest priority for further analysis by new samples or re-examination of existing palynological slides as log correlation to Argonaut–1A suggests it should contain the *C. striatoconus* Zone. At total depth the well may just have penetrated the age equivalent of the top of the Waarre Formation. This is based solely on the occurrence of the dinoflagellate *Cribroperidinium edwardsii* at 4410m.

Bridgewater Bay–1

Unfortunately the original palynological slides from this well have not been relinquished and may now be lost. If found a thorough new study is recommended, otherwise the first priority would be analysis of a suite of cuttings at ~100 metre interval between 3000m and T.D. at 4202m.

An unusual feature of the microplankton distribution is the disjunct occurrence of *Xenikoon australis*. The older occurrence between 2015–2130m is interpreted as in situ, whilst the records at 1426m, 1495.5m and 1593m are interpreted as reworked. A similar disjunct range occurs in Discovery Bay–1 but down–hole contamination rather than reworking is suspected.

Cape Sorell–1

This well has been examined by two separate overseas palaeontological contracting firms and it is clearly obvious from the palynological assemblages recorded that the personnel doing the work had no local experience. The assemblages lack species that reasonably should be there, as they occur in the relatively close Clam–1 well and onshore in Tasmania the most obvious provenance for both the sediments and the terrestrial palynomorphs. Instead the assemblages contain specimens never before seen by the author or recorded by other palynologists working in the Bass Strait region. It is simply not creditable to believe that Cape Sorell–1 constitutes a significantly new or different flora province to justify the assemblages differences recorded. Although a limited number of maximum and minimum age datums are provided for the well the confidence in these picks in extremely low.

To upgrade the results from this well would require a thorough new analysis of a suite of cuttings samples through the well.

Chama–1 & 1A

The original report from this well is only of minimal data but a review of the original work sheets enabled a reasonable zonation of the Sherbrook Group. The review by Morgan (1986) concentrates mainly on the older Otway Group.

Clam–1

This well has not been re-examined since the original reports although the work sheets were evaluated for this review. All the section below 1000 metres is in critical need of a new study.

Copa–1

Although this well has been analysed by both Macphail & Hos (1990) and Morgan (1991) the palynological break-down is still poor. Both reports are based primarily on the same cuttings samples and neither record very diverse microplankton assemblages. The good log correlations from Copa–1 to Morum–1 which contains a good microplankton zonation suggests a similar break-down should be achievable in Copa–1. A particular target would be new analyses of the shale between 2340–2840m which based on log correlations to both Morum–1 and Argonaut 1–A should contain the *C. striatoconus* Zone.

Copa–1 also contains the designated type section of the Copa Formation between 3664–3831m. Unfortunately the data currently available, although clearly indicating this formation lies within both the *P. mawsonii* and *P. infusorioides* Zones, does not provide sufficient detail to allow a confident correlation to either the Flaxman or Waarre Formations in their type area in the Port Campbell Embayment. Additional new cuttings critically need to be examined over this type section.

Crayfish A–1

The interval between 402–478m in Crayfish A–1 would be worthy of new and more closely spaced sample analysis as it contains probably the best evidence of a section equivalent to the type Waarre Formation yet found in South Australia, or at least in the wells reviewed. The objective of this new analysis would be to resolve how complete the section is or which part of the Waarre might be present.

Discovery Bay–1

As with Bridgewater Bay–1 the original palynological slides from this well have not been relinquished and may now be lost. If found a new study is recommended although this is not critical.

As occurs in Bridgewater Bay–1 there is an unusual disjunct range recorded for *Xenikoon australis* with no specimens recorded between 2260–2633.5m although in this case the associated spore-pollen assemblages are not in conflict. For this review the first and last appearances of the species have been accepted as valid and use to define the limits of the *X. australis* Zone as between 1974.5–2670m. If there is an anomaly it is considered most likely that the older records between 2633.5–2670m are out of place either due to caving or contamination.

Eric the Red–1

A good palynological range chart is available as basic data on open file. The following four sidewall cores are recommended for additional analyses to improve the resolution and confirm or discount the possibility of missing section over the critical interval of the *C. striatoconus* to *O. porifera* Zones which are located at possible top of Shipwreck Group:

SWC 90	1029.0m	Claystone, tr. glauconite
SWC 89	1040.5m	Siltstone/Sst, tr. glauconite
SWC 88	1044.0m	Sandstone, tr. glauconite
SWC 87	1071.0m	Claystone, slightly calcareous

Flaxmans–1

The section from the base of the Belfast Mudstone to base of Waarre Formation have now been upgraded by the recent review by Partridge (1996a). Future recommended work would be to re-analyse the shallower cores 1–16.

Green Banks–1

As the most northerly well reviewed Green Banks–1 contains a thin Sherbrook Group <100m which is poorly age controlled. It would be interesting to have more age dating to resolve precisely which parts of the Sherbrook Group extend this far north.

Iona–1

This well was included in the project because it has excellent palynological control on sidewall cores from basal Tertiary to the Otway Group. It is also lies on a direct line of section through La Bella–1, Mussel–1, Minerva–1, Port Campbell–2 and Iona–1.

Iona–2

Good sampling through the lower part of the Sherbrook Group provides confirmation and more detail to the section in Iona–1 by use of log correlation between the two wells.

La Bella–1

A good palynological range chart is available as basic data on open file. The Sherbrook Group is well controlled except for very sandy bottom 100 metres of well which could belong to either Waarre or Eumeralla Formations. Palynological assemblages over this interval appear mixed and may benefit from re-examination.

Tertiary samples between 1064–1544 metres could also be improved by additional examination.

Lake Bonney–1

Data from only three core available for this review. A more comprehensive sampling program would be required to achieve a reasonable palynological zonation.

Langley–1

Good sample control and analysis available through Sherbrook Group except over shallowest portion from 918–1291 metres where no sidewall cores are available. Analysis of six cuttings from this interval would provide excellent characterisation of Paaratte and Timboon Formations against modern electric logs.

Lindon–1

Palynological subdivision of the Sherbrook Group has been substantially upgraded by analysis of new cuttings samples by Partridge (1996b).

Loch Ard–1

A good palynological range chart is available on open file although more detailed sampling is required between ~750–1050m over the interval equivalent of the basal Belfast Mudstone and Flaxman Formation. On available data this section cannot be adequately tied back to the type sections of the formations in the Port Campbell Embayment.

Minerva–1

A good palynological range chart is available on open file with 54 SWCs and 29 cuttings samples analysed. Cross checking this data against 121 sidewall cores recovered there were 10 SWCs identified which justify processing for palynological analysis to improve understanding of critical intervals. In order of priority these are:

1. SWCs from lower part of Belfast Mudstone at transition between *T. apoxyexinus* and *P. mawsonii*. These samples are also critical for age dating top of Shipwreck Group.

SWC 91	1476 m	Silty claystone
SWC 89	1523 m	Silty claystone
SWC 86	1580 m	Argillaceous siltstone
SWC 78	1670 m	Laminated sandstone

2. An additional SWC from K/T boundary shale.

SWC 30	772m	Glauconitic silty claystone

3. A group of unprocessed SWCs from Pember Mudstone.

SWC 44	572 m	Interlaminated claystone/sandstone
SWC 43	583m	Interlaminated claystone/sandstone
SWC 39	620.5m	Glauconitic silty claystone
SWC 36	647 m	Silty claystone

Morum–1

Probably the well with the best preserved palynomorph assemblages in offshore South Australia. No additional analysis is needed at this time but it would be an excellent well from which to count the assemblages in an attempt to achieve further resolution within the palynological zones.

Mount Salt–1

Initial evaluation based on Evans (1966; BMR Record 1966/69) and Ludbrook (1971, fig.3–3) indicates the well has 34 conventional cores and plenty of scope for improvement. The priority given to re-analysis of this well is dependent on what additional data may be available. The interval below 6404ft to 10,044ft (1952–3061m) cannot be currently zoned on available palynology.

Mussel–1

The entire section below 1850m needs to be re-analysed in this well.

Nautilus A–1

The condensed section between the top of the Skull Creek Mudstone at ~1745m and base of Gellibrand Marl equivalent at ~1725 is the least age constrained and worthy of re-examination.

Neptune–1

No palynological data was available from the Sherbrook Group or overlying Tertiary for this review.

Normanby–1

A good suite of samples with mostly moderate to high diversity assemblage provides a good palynological zonation of this well. Two problem intervals however justify re-examination of palynological slides. These are:

1. At bottom of well the interval 3197–3306 in (T.D.) is clearly different on porosity/density logs from the overlying Waarre Formation between 3084–3197m. Available palynology data suggests this predominantly shaly interval is either Eumeralla Formation or a unit not present in the Port Campbell Embayment. It requires both palynological and geochemical investigations.

2. The transition from Paaratte facies to Belfast facies picked at 2400m is poorly constrained on recorded palynological assemblages and so the palynological slides between 2300–2700m need to be re-examined.

Pecten–1A

Available palynological data, although old, is reasonably reliable and comprehensive. Note, however that interval from approximate top of Shipwreck Group to top of Otway Group is only ~60 metres compared to >800 metres in Minerva–1. Because of this difference the palynological samples from Flaxman and Waarre Formations warrant re-examination.

Pine Lodge–1

A fairly comprehensive palynological report is available with good control at bottom and top of Sherbrook Group, but unfortunately limited sampling through the middle part of the group. Only three samples were analysed between 1125–1875m. Another 6 cuttings samples within this interval would significantly improve control.

Port Campbell–1 & 2

The type sections of Belfast Mudstone, Flaxman and Waarre Formations have been re-analysed in the report by Partridge (1996a). Only the shallower parts of the Sherbrook Group and Tertiary now need additional work. However, as these are old wells with poor electric logs it may be more worthwhile to concentrate any new study on the more recent wells which have good logs.

A disadvantage of the newer wells is the lack of conventional cores and often sidewall cores in these shallower units. In Port Campbell–1 there are still 18 cores recovered between 421–5026ft (128–1532m) which lack any recent palynology. Of particular interest and recommended for additional study is the type section of the Timboon Sand between 2906–4250ft (886–1295m) which is currently poorly understood. About nine samples from Cores–4 to 13 and three cuttings samples are recommended for analysis over this interval.

Prawn A–1

Datums picked are based on modern interpretation of original palynological report. Unfortunately original slides are now believed to be lost as they were never relinquished to the Tasmanian Designated Authority. This well needs to be re-samples and re-analysed. Fortunately there were a number of conventional cores cut in the well.

Triton–1

The well contains good foraminiferal but poor palynological control. Although sequence overall is correct for palynology the reliability of the depth picks are suspect because of severe down hole cavings due to drilling problems. The sidewall cores which were recovered and analysed gave low palynological yields and did not provide any control.

Troas–1

Only limited micropalaeontological data was available on open file from this well.

Trumpet–1

Available palynological data is restricted to the Otway Group below 850m, which is probably the base of the surface casing.

Voluta-1

A reasonable palynological zonation can be extracted from available palynological report down to ~9000ft (2743m). Between 9000–13,037m T.D. the palynological assemblage cannot be confidently interpreted, although the overall impression is that the well had penetrated section equivalent to either lower Belfast or Flaxman Formations at T.D.

New palynological preparation are recommended if a reliable age of the oldest rocks penetrated in Voluta–1 is needed for the project.

Whelk–1

Original palynology has been substantially upgraded by re-examination of palynological slides from the early Tertiary and latest Cretaceous. A new study is needed however for section below 1000m.

References

DETTMANN, M.E. & PLAYFORD, G., 1969. Palynology of the Australian Cretaceous: a review. **In** *Stratigraphy and palaeontology. Essays in honour of Dorothy Hill*, K.S.W. Campbell, ed., A.N.U. Press Canberra, 174-210.

HELBY, R., MORGAN, R. & PARTRIDGE, A.D., 1987. A palynological zonation of the Australian Mesozoic. *Mem. Ass. Australas. Palaeontols 4*, 1–94.

PARTRIDGE, A.D., 1996a. Palynological review of the type sections of the Belfast Mudstone, Flaxman and Waarre Formations in the Port Campbell Embayment, Otway Basin. *Biostrata Report 1996/1*.

PARTRIDGE, A.D., 1996b. Palynological analysis of cuttings samples from the Sherbrook Group in Lindon–1, Otway Basin. *Biostrata Report 1996/2*, 1–10.

STOVER, L.E. & PARTRIDGE, A.D., 1973. Tertiary and late Cretaceous spores and pollen from the Gippsland Basin, southeastern Australia. *Proc. R. Soc. Vict. 85*, 237–286.

TAYLOR, D.J., 1966, Appendix 2. Esso Gippsland Shelf No.1. The mid-Tertiary foraminiferal sequence: Bureau of Mineral Resources, Geology and Geophysics, Australia, Petroleum Search Subsidy Acts Publication No.76, p.31–46.

		TOP OR	AGSO AGES	EXXON AGE	ARGONAUT-1	BELFAST-11	BREAKSEA REEF 1	BRIDGEWATER BAY-1	BOGGY CREEK-1	CHAMA-1 & 1A	CLAM-1	COPA-1	CRAY
	UNIT OF MEASURE				METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METR
	Zero Datum K.B.												
	Ground Level	Top	0.0	0.0									
	Gambier Limestone	Top	13.5	13.8									
	Gambier Limestone	Base	18.0	16.5				861.00					
	Gellibrand Marl	Top	18.0	16.5									
	Clifton Formation	Base	28.3	30.0									
	Narrawurturk Marl	Base	33.5	36.0				883.00					
	Mepunga Formation	Base	39.0	39.5				901.00					
	Dilwyn Formation	Top	50.0	50.0			771.00	901.00				430.00	
	Pember Mudstone	Top	54.0	53.0		842.00		1168.00					
	Rivernook DLS		55.0	53.5					•				
	Pember Mudstone	Base	56.0	54.5	704.1	933.00		1240.00	932.00			485.00	
	Pebble Point	Top	56.0	54.5			1040.00					485.00	
	K/T Shale	Top	63.0	63.0		936.00	1050.00		968.00			520.00	
	Upper T. longus	Top	64.5	66.0	804.6	937.60	1050.00	1244.00	981.50		846.69	535.00	
	K/T Shale	Base	65.0	67.0		960.00	1063.00		1002.00			542.00	
	Upper T. longus	Base	67.0	68.0	813.2								
	Lower T. longus	Top	67.0	68.0		1029.60							
	Maast-1 Marker		69.0	70.0		995.00							
	Nummus Acme	Base	70.0	71.0									
	T. lilliei	Top	72.5	73.5	886.0	1086.30	1381.00	1426.00					
	Maast-2 Marker		78.0	80.0			1605.00	1585.00	1106.00				
	Timboon Sand	Base	78.0	80.0		1087.00		1585.00	1106.00				
	N. senectus/X. australis	Top	78.0	80.0	982.9	1146.70	1694.00	1720.00			962.82	750.00	
	X. australis	Base	80.0	80.0	1308.1		2007.00	2130.00					
	N. aceras	Top	80.0	80.0	1310.9	1223.50		2175.00				995.00	
	N. senectus	Base	81.5	83.7							964.34	995.00	
	N. aceras	Base	83.0	84.0	1568.1	1281.10	2053.00	2590.00				1032.00	
	I. cretaceum	Top	83.0	84.0	1621.5	1325.80	2245.00	2650.00		504.11	1053.03	1115.00	
	I. rotundatum	Base	84.0	85.0									
	Belfast Mudstone	Top	84.0	85.0		1310.00		2720.00	1482.00				
	I. cretaceum	Base	85.0	86.0	1788.2		2622.00	2775.00		514.78	1263.03	1365.00	
	C. tripartita	Top	86.0	87.0								1660.00	
	O. porifera	Base	87.0	88.0			3120.00	3015.00					
	T. apoxyexinus	Base	87.0	88.0	3139.3		3120.00	3015.00		594.33	1263.03	2030.00	
	Morum Formation	Top	87.0	88.0				3100.00	1655.00				
	P. mawsonii	Top	87.0	88.0	3230.7		3145.00			637.31		2430.00	
	C. striatoconus	Top	88.0	88.5	3383.1			Present					
	C. striatoconus	Base	89.0	89.0	3450.8			Caved to 3800					
	Flaxman Formation	Top	89.0	89.0				3740.00	1662.00				
	I. infusorioides	Top	89.0	89.0	3544.7			3760.00				2785.00	
	K. polypes Subzone	Top	89.0	89.0	3554.4			3760.00	1668.00	637.31			
	Waarre Formation	Top	90.0	90.0					1672.00				
	I. glabrum Subzone	Top	90.0	90.0									
	C. edwardsii Acme	Top	90.5	91.0			4410.00		1715.00	685.77		3830.00	
	C. edwardsii Acme	Base	91.5	92.0					1722.00	729.96		3850.00	
	P. mawsonii	Base	92.5	93.0	3702.5		4468.00			761.96	MAX AGE 4213	3850.00	
	Waarre Formation	Base	92.5	93.0					1739.00				
	Eumeralla Formation	Top	98.5	96.0		1344.00			1739.00				
	P. pannosus	Top	98.5	96.0						761.96			
	C. paradoxa	Top	100.5	101.0						1494.67			
	C. paradoxa	Base	105.0	106.0						1816.52			
	T.D.							4177.00					

	CRAYFISH-1	DISCOVERY BAY-1	ERIC THE RED-1	FLAXMANS-1	GREENSBANK-1	IONA-1	KILLARA-1	LA BELLA-1	LAKE BONNEY-1	LANGLEY-1	LINDON-1	MINERV
	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES
		664.00										
		768.00										
		787.00										
.00		880.00										
		1233.00										
.00	365.74	1279.00			392.00	610.00			750.00		915.00	
.00			477.00		392.00	610.00			750.00		915.00	
.00			545.00		431.00	640.00	440.00		780.00	892.00	938.00	
.00		1279.50	553.00		454.00	653.00	444.00			916.00	945.00	
.00			571.00		463.00	660.00	453.00		802.00	917.00	950.00	
			569.00			665.00						
						704.00						
			583.00									
			612.00									
		1525.00	599.00			772.00		1563.00				
		1545.00	607.00									
		1545.00							865.00		992.00	
.00		1749.00	642.00	1259.37		858.00		1580.00		1291.00	995.00	
		2670.00	720.00	1516.00				1865.00				
.00	377.63			1624.50		1018.00		1891.00			1015.00	
.00			812.00			1054.00				1325.00	1070.00	
.00	379.46	2738.00	812.00	1690.34		1075.50		1979.00				
.00	380.98	2753.00	876.00			1240.00				1516.00	1200.00	
				1711.67	516.00	1237.00	578.00		1375.00	1555.00	1199.00	
.00	397.74	2776.00	970.00	1819.57		1254.00		2004.00		1677.00	1210.00	
.00												
				1987.20						1692.00		
.00	397.74	2776.00	1010.00			1254.00		2004.00		1692.00	1223.00	
				1990.25		1263.00			2325.00	1698.00		
.00	448.95		1025.00	2008.53		1287.00		2020.00		1701.00		
				2008.53		1277.00				1701.00		
				2011.58								
				2011.89		1280.00			2532.00	1716.00		
.00				2013.41		1287.00				1713.00		
			1328.00	2013.41		1287.00		2020.00		1713.00		
				2057.30		1300.00				1731.00		
										1733.00		
.00	448.95		1437.00	2094.18		1347.00		2270.00		1768.00		
.00	461.75		1515.00	2200.55				2402.00		1825.00		
.00	461.75		1719.00	2200.55		1347.00		2683.00		1825.00		
				2215.79		1382.00				1826.00		
				2215.79	536.00	1382.00	589.00		2720.00	1826.00	1235.00	
	487.66			2277.66		1383.00				1855.00	1235.00	
	548.61			2480.65	569.00		590.00		2908.00		1545.00	
	1004.88			3197.81	812.00		642.00				1945.00	

LINDON-1	MINERVA-1	MORUM-1	MOUNT SALT-1	MUSSEL-1	NAUTILUS-1	NORMANBY-1	PECTAN-1A	PINE LODGE-1	PORT CAMPBELL 1	PORT CAMPBELL 2	PORT CAM 4
METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES
						626.00					
					525.14	718.00					
						718.00					
				1296.86		1213.00					
	617.00										
915.00	655.00				1738.80	1292.00		1046.00			
915.00	655.00					1292.00	1054.86	1046.00			
938.00	758.00					1304.00	1114.90	1065.00	847.00		
945.00	783.00			1315.15		1300.00	1138.37	1075.50			
950.00	784.00					1317.00	1156.05	1080.00	885.71		
				1384.64		1390.00			888.45		
						1430.00					
	810.00										
	838.00	545.57		1418.47		1430.00					
	862.00					1550.00	1191.10	1123.50	1049.98		
992.00			1090.00				1225.85	1215.00	1133		
995.00	897.00	609.57	1122.00	1479.43	1860.71	1630.00	1407.50		1218.23		
	1149.00	838.16	1383.00	1847.30	2008.53	1840.00	1427.92		1307.83		
1015.00	1166.00	920.45	1536.00						1377.02		
1070.00	1220.00			1847.30	2008.53	1880.00	1547.70				
	1298.00	1002.74	1673.00					1300.00	1450.78		
1200.00	1351.00	1081.99	1765.00			2148.00			1481.87		
1199.00			1938.00			2112.00	1605.91	1565.00	1501.07	1771.72	
1210.00	1398.00	1495.89	2129.00			2418.00		1624.00	1594.94		
		1683.02									
	1453.00	1755.56							1691.25	2164.89	
1223.00	1502.00	1874.43				2524.00	1722.04	1789.00			
			2280.00			2400.00		1870.00	1704.97	2249.31	
	1562.00	1901.86		2029.87			1747.94	1885.00			
	1616.00	1901.86							1709.84	2256.32	
	1647.00	2018.59							1718.99	2319.41	
			2710.00	2009.75		2535.00			1718.99	2339.53	
		2047.55				2561.00		2030.00	1718.99	2377.32	
	1699.00					2561.00		2030.00	1718.99	2377.32	
								2066.00	1723.56	2434	
										2491.31	
	2084.00			2236.21		2990.00			1806.77	2607.74	
	2117.00			2254.19		3197.00			1808.59	2612.01	
	2157.00	2433.71	3059.00	2441.33		3197.00	1832.67	2087.00	1808.59	2628.47	
										2675.10	
1235.00						3202.00		2102.00			
1235.00								2109.00			
1545.00	2294.00						1875.95				
1945.00							2413.90				

	PINE LODGE-1	PORT CAMPBELL 1	PORT CAMPBELL 2	PORT CAMPBELL 4	PRAWN-1	TRITON-1	VOLUTA-1	WHELK-1	WINDERMERE-1	CHAMPION-1	CONAN-1
	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES	METRES
					751.90						
					921.67						
					942.40		839.38				
					1181.96		1275.83				
						1720.00					
	1046.00			708.00			1302.96		723.00		
4.86	1046.00			708.00	1206.03		1302.96		723.00		
4.90	1065.00	847.00		731.00	1252.67		1327.03		760.00		
8.37	1075.50				1255.71			729.05	770.00		
6.05	1080.00	885.71		760.00	1255.71		1356.29		780.00		
		888.45				1740.00	1391.65	753.73	802.00		
					1268.52						
		1049.98									
1.10	1123.50						1511.12	832.67			
		1133			1268.52						
5.85	1215.00			840.00			1562.94				
7.50		1218.23				1760.00	1685.46	970.13	876.00		
7.92		1307.83			1296.56	2095.00	2108.20	1004.88			
		1377.02				2495.00		1096.31			
7.70							2163.67	1096.31			
	1300.00	1450.78			1512.34	2810.00	2164.89	1208.17	931.00		
		1481.87			1872.90		2231.03				
5.91	1565.00	1501.07	1771.72	1341.00			2279.79		966.00		
	1624.00	1594.94		1995.00		2975.00	2506.55				
		1691.25	2164.89	1402.00			2672.36	1295.34			
2.04	1789.00			1402.00	2187.44		2712.89				
	1870.00	1704.97	2249.31	1440.00							
7.94	1885.00				2218.23	3225.00		1307.53			
		1709.84	2256.32		2218.23						
		1718.99	2319.41		2224.32						
		1718.99	2339.53	1478.00							
	2030.00	1718.99	2377.32			3225.00					
	2030.00	1718.99	2377.32								
	2066.00	1723.56	2434	1516.00							
			2491.31								
		1806.77	2607.74			3375.00					
		1808.59	2612.01			3530.00					
2.67	2087.00	1808.59	2628.47		2913.75	3530.00	3654.07	1369.09			
			2675.10	1622.00							
	2102.00			1623.00							
	2109.00				3007.92				1040.00		
5.95				1850.00							
3.90					3193.23						

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Port Campbell 1	W3590001	1218.3	M3145	X.australis oci	H	Z	PALAEO	P	A3	O	1
Port Campbell 1	W3590001	1307.9	M3145	X.australis oci	L	Z	PALAEO	P	A3	O	1
Port Campbell 1	W3590001	1377.1	M3160	N.aceras ocii	H	Z	PALAEO	P	A3	O	1
Port Campbell 1	W3590001	1450.8	M3160	N.aceras ocii	L	Z	PALAEO	P	A3	O	1
Port Campbell 1	W3590001	1481.9	M3165	I.cretaceum odi	H	Z	PALAEO	P	A3	O	1
Port Campbell 1	W3590001	1595.0	M3165	I.cretaceum odi	L	Z	PALAEO	A	A3	O	1
Port Campbell 1	W3590001	1679.4	M3165	I.cretaceum odi	L	Z	PALAEO	P	D1	O	1
Port Campbell 1	W3590001	1688.6	M3180	O.porifera odii	H	Z	PALAEO	P	D1	O	1
Port Campbell 1	W3590001	1691.3	M3180	O.porifera odii	L	Z	PALAEO	P	D1	O	1
Port Campbell 1	W3590001	1709.9	M3185	C.striatoconus oe	H	Z	PALAEO	P	D1	O	1
Port Campbell 1	W3590001	1719.1	M3185	C.striatoconus oe	L	Z	PALAEO	P	D1	O	1
Port Campbell 1	W3590001	1719.1	S3125	P.mawsonii	H	Z	PALAEO	P	D3	O	1
Port Campbell 1	W3590001	1737.4	S3125	P.mawsonii	H	Z	PALAEO	A	A1	O	1
Port Campbell 1	W3590001	1808.7	S3125	P.mawsonii	L	Z	PALAEO	P	A5	O	1
Port Campbell 1	W3590001	847.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	885.7	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	1050.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	1466.0	FS170	Paaratte Formation	L	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	1501.1	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	1705.0	FS180	Flaxman Formation	H	F	FORMATION	P	H9	O	1
Port Campbell 1	W3590001	1723.6	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	1
Argonaut 1A	W5680002	522.7	S2145	lower M.diversus	H	Z	PALAEO	P	B5	O	5
Argonaut 1A	W5680002	704.1	S2145	lower M.diversus	L	Z	PALAEO	P	D4	O	3
Argonaut 1A	W5680002	804.7	S3100	upper T.longus	H	Z	PALAEO	P	B2	O	5
Argonaut 1A	W5680002	813.2	S3100	upper T.longus	L	Z	PALAEO	A	B4	O	5
Argonaut 1A	W5680002	886.1	S3110	T.lilliei	M	D	SINGLE DEPTH	P	B2	O	3
Argonaut 1A	W5680002	983.0	S3115	N.senectus	H	Z	PALAEO	P	B5	O	3
Argonaut 1A	W5680002	983.0	M3145	X.australis oci	H	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	1308.2	M3145	X.australis oci	L	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	1308.2	S3115	N.senectus	L	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	1310.9	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	1568.2	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	1568.2	S3120	T.apoxyexinus	H	Z	PALAEO	P	B5	O	5
Argonaut 1A	W5680002	1621.5	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	O	3

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Argonaut 1A	W5680002	1788.3	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	3
Argonaut 1A	W5680002	3139.4	S3120	T.apoxyexinus	L	Z	PALAEO	A	B3	O	5
Argonaut 1A	W5680002	3201.9	S3120	T.apoxyexinus	L	Z	PALAEO	P	E3	O	3
Argonaut 1A	W5680002	3230.9	S3125	P.mawsonii	H	Z	PALAEO	P	B5	O	3
Argonaut 1A	W5680002	3383.3	M3185	C.striatoconus oe	H	Z	PALAEO	P	B2	O	3
Argonaut 1A	W5680002	3450.9	M3185	C.striatoconus oe	L	Z	PALAEO	P	A2	O	3
Argonaut 1A	W5680002	3544.8	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B2	O	5
Argonaut 1A	W5680002	3698.7	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	A2	O	5
Argonaut 1A	W5680002	3698.7	S3125	P.mawsonii	L	Z	PALAEO	A	A2	O	5
Argonaut 1A	W5680002	3702.7	S3125	P.mawsonii	L	Z	PALAEO	P	A3	O	3
Argonaut 1A	W5680002	990.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	5
Argonaut 1A	W5680002	1760.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	5
Argonaut 1A	W5680002	3543.0	FS175	Belfast Mudstone	L	F	FORMATION	P	H9	O	5
Argonaut 1A	W5680002	3543.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	5
Breaksea Reef 1	W5830001	771.0	S2130	upper M.diversus	H	Y	MIN AGE	P	B2	O	2
Breaksea Reef 1	W5830001	1022.0	S2145	lower M.diversus	L	M	MAX AGE	P	B2	O	2
Breaksea Reef 1	W5830001	1050.0	S3100	upper T.longus	H	Z	PALAEO	P	B2	O	2
Breaksea Reef 1	W5830001	1224.0	S3105	lower T.longus	L	Z	PALAEO	P	B2	O	2
Breaksea Reef 1	W5830001	1381.0	S3110	T.lilliei	H	Z	PALAEO	P	B3	O	2
Breaksea Reef 1	W5830001	1608.0	S3110	T.lilliei	L	Z	PALAEO	P	B3	O	1
Breaksea Reef 1	W5830001	1694.0	S3115	N.senectus	H	Z	PALAEO	P	B3	O	1
Breaksea Reef 1	W5830001	2007.0	M3145	X.australis oci	M	D	SINGLE DEPTH	P	B3	O	2
Breaksea Reef 1	W5830001	2053.0	M3160	N.aceras ocii	M	D	SINGLE DEPTH	P	B3	O	2
Breaksea Reef 1	W5830001	2245.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B3	O	1
Breaksea Reef 1	W5830001	2622.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	1
Breaksea Reef 1	W5830001	3008.0	M3180	O.porifera odii	H	Z	PALAEO	P	B3	O	2
Breaksea Reef 1	W5830001	3120.0	M3180	O.porifera odii	L	Z	PALAEO	P	B3	O	1
Breaksea Reef 1	W5830001	3120.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	2
Breaksea Reef 1	W5830001	3145.0	S3125	P.mawsonii	H	Z	PALAEO	P	B5	O	1
Breaksea Reef 1	W5830001	4468.0	S3125	P.mawsonii	L	Z	PALAEO	P	B5	O	2
Breaksea Reef 1	W5830001	4410.0	M3195	P.infusorioides 1ai	M	D	SINGLE DEPTH	P	B3	O	2
Breaksea Reef 1	W5830001	1040.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	2
Breaksea Reef 1	W5830001	1050.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	2
Breaksea Reef 1	W5830001	1063.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	2

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Breaksea Reef 1	W5830001	1605.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	2
Breaksea Reef 1	W5830001	2328.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	2
Bridgewater Bay 1	W3830008	550.0	P1205	A3	H	Z	PALAEO	P	B2	O	2
Bridgewater Bay 1	W3830008	750.0	P1205	A3	L	Z	PALAEO	P	B2	O	2
Bridgewater Bay 1	W3830008	815.0	P1210	A4	L	M	MAX AGE	P	B2	O	1
Bridgewater Bay 1	W3830008	825.0	P1235	C	H	Z	PALAEO	P	B2	O	2
Bridgewater Bay 1	W3830008	850.0	P1235	C	L	Z	PALAEO	P	B2	O	2
Bridgewater Bay 1	W3830008	887.0	P2330	K	H	Y	MIN AGE	P	B3	O	1
Bridgewater Bay 1	W3830008	887.0	M2110	C.incompositum	M	D	SINGLE DEPTH	P	B3	O	3
Bridgewater Bay 1	W3830008	887.0	S2105	middle N.asperus	M	D	SINGLE DEPTH	P	B3	O	1
Bridgewater Bay 1	W3830008	1000.0	S2115	P.asperopolus	H	Y	MIN AGE	P	B5	O	1
Bridgewater Bay 1	W3830008	1137.0	S2145	lower M.diversus	L	M	MAX AGE	P	B3	O	1
Bridgewater Bay 1	W3830008	1200.0	S2155	upper L.balmei	L	M	MAX AGE	P	B3	O	1
Bridgewater Bay 1	W3830008	1210.0	S2160	lower L.balmei	L	M	MAX AGE	P	B3	O	1
Bridgewater Bay 1	W3830008	1244.0	S3100	upper T.longus	H	Z	PALAEO	P	B3	O	1
Bridgewater Bay 1	W3830008	1373.0	S3105	lower T.longus	L	Z	PALAEO	P	B3	O	1
Bridgewater Bay 1	W3830008	1426.0	S3110	T.lilliei	H	Z	PALAEO	P	B5	O	1
Bridgewater Bay 1	W3830008	1522.0	M3135	I.korojonense ob	M	D	SINGLE DEPTH	P	B3	O	3
Bridgewater Bay 1	W3830008	1522.0	S3110	T.lilliei	L	Z	PALAEO	A	B3	O	1
Bridgewater Bay 1	W3830008	1700.0	S3110	T.lilliei	L	Z	PALAEO	P	B5	O	1
Bridgewater Bay 1	W3830008	1720.0	S3115	N.senectus	H	Z	PALAEO	P	B3	O	1
Bridgewater Bay 1	W3830008	2015.0	M3145	X.australis oci	H	Z	PALAEO	P	B3	O	3
Bridgewater Bay 1	W3830008	2130.0	M3145	X.australis oci	L	Z	PALAEO	P	B2	O	3
Bridgewater Bay 1	W3830008	2130.0	S3115	N.senectus	L	Z	PALAEO	A	B2	O	1
Bridgewater Bay 1	W3830008	2175.0	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	3
Bridgewater Bay 1	W3830008	2265.0	S3115	N.senectus	L	Z	PALAEO	P	B5	O	1
Bridgewater Bay 1	W3830008	2300.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	B5	O	1
Bridgewater Bay 1	W3830008	2530.0	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	O	3
Bridgewater Bay 1	W3830008	2650.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	O	3
Bridgewater Bay 1	W3830008	2708.0	S3120	T.apoxyexinus	L	Z	PALAEO	A	B3	O	1
Bridgewater Bay 1	W3830008	2775.0	M3165	I.cretaceum odi	L	Z	PALAEO	A	B3	O	3
Bridgewater Bay 1	W3830008	2815.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B5	O	1
Bridgewater Bay 1	W3830008	2855.0	M3180	O.porifera odii	H	Z	PALAEO	P	B3	O	1
Bridgewater Bay 1	W3830008	3015.0	M3180	O.porifera odii	L	Z	PALAEO	P	B3	O	3

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Bridgewater Bay 1	W3830008	3015.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B5	O	3
Bridgewater Bay 1	W3830008	3800.0	M3185	C.striatoconus oe	M	D	SINGLE DEPTH	P	D5	O	3
Bridgewater Bay 1	W3830008	3760.0	M3195	P.infusorioides 1ai	H	Y	MIN AGE	P	B5	O	1
Bridgewater Bay 1	W3830008	861.0	FS120	Gambier Limestone	L	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	901.0	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	1201.5	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	1225.0	FS160	Pebble point Formation	L	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	1585.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	2720.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	3100.0	FS175	Belfast Mudstone	L	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	3740.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	1
Bridgewater Bay 1	W3830008	4102.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	1
Cape Sorell 1	W7820002	350.5	S2100	upper N.asperus	H	Y	MIN AGE	P	D5	O	3
Cape Sorell 1	W7820002	518.2	S2110	lower N.asperus	L	M	MAX AGE	P	D5	O	3
Cape Sorell 1	W7820002	548.6	S2115	P.asperopolus	H	Y	MIN AGE	P	D5	O	3
Cape Sorell 1	W7820002	1371.6	S2145	lower M.diversus	L	M	MAX AGE	P	D5	O	3
Cape Sorell 1	W7820002	1767.8	S2155	upper L.balmei	H	Y	MIN AGE	P	D5	O	3
Cape Sorell 1	W7820002	1920.2	S3100	upper T.longus	H	Y	MIN AGE	P	D5	O	3
Cape Sorell 1	W7820002	3447.3	S3110	T.lilliei	L	M	MAX AGE	P	D5	O	3
Cape Sorell 1	W7820002	2039.1	M3100	M.druggii oa	H	Y	MIN AGE	P	D5	O	3
Chama 1	W5700010	373.4	S2105	middle N.asperus	M	D	SINGLE DEPTH	P	B2	O	3
Chama 1	W5700010	376.4	S2110	lower N.asperus	M	D	SINGLE DEPTH	P	B2	O	3
Chama 1	W5700010	504.1	S3120	T.apoxyexinus	H	Z	PALAEO	P	B3	O	1
Chama 1	W5700010	504.1	M3165	I.cretaceum odi	H	Z	PALAEO	P	B4	O	2
Chama 1	W5700010	514.8	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	3
Chama 1	W5700010	594.4	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	2
Chama 1	W5700010	637.3	S3125	P.mawsonii	H	Z	PALAEO	P	B4	O	3
Chama 1	W5700010	730.0	S3125	P.mawsonii	L	Z	PALAEO	A	B3	O	2
Chama 1	W5700010	762.0	S3125	P.mawsonii	L	Z	PALAEO	P	D3	O	2
Chama 1	W5700010	762.0	S3135	P.pannosus	H	Y	MIN AGE	P	D5	O	2
Chama 1A	W5700011	914.4	S3135	P.pannosus	H	Y	MIN AGE	P	D3	O	1
Chama 1A	W5700011	1494.7	S3140	C.paradoxus	H	Z	PALAEO	P	B3	O	2
Chama 1A	W5700011	1816.6	S3140	C.paradoxus	L	Z	PALAEO	P	D3	O	2
Chama 1A	W5700011	1859.3	S3145	C.striatus	H	Z	PALAEO	P	D5	O	2

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Chama 1A	W5700011	1935.5	S3145	C.striatus	H	Z	PALAEO	A	B2	O	2
Chama 1A	W5700011	2042.2	S3145	C.striatus	L	Z	PALAEO	P	D3	O	2
Chama 1A	W5700011	2084.8	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	D4	O	2
Chama 1A	W5700011	2257.0	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	A	B3	O	1
Chama 1A	W5700011	2449.7	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	A	B3	O	1
Chama 1A	W5700011	2593.8	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	D3	O	2
Chama 1A	W5700011	2671.3	S3155	F.wonthaggiensis	H	Z	PALAEO	P	B5	O	3
Chama 1A	W5700011	2747.8	S3165	C.australiensis	L	M	MAX AGE	P	A2	O	3
Clam 1	W7690001	320.0	S1125	P.tuberculatus	H	Z	PALAEO	P	B4	O	1
Clam 1	W7690001	365.8	S1125	P.tuberculatus	L	Z	PALAEO	P	B4	O	1
Clam 1	W7690001	411.5	S2100	upper N.asperus	M	D	SINGLE DEPTH	P	B3	O	1
Clam 1	W7690001	551.4	S2115	P.asperopolus	M	D	SINGLE DEPTH	P	B1	O	1
Clam 1	W7690001	551.4	M2155	K.thompsonae	M	D	SINGLE DEPTH	P	B1	O	1
Clam 1	W7690001	824.2	S2160	lower L.balmei	L	Z	PALAEO	P	B2	O	1
Clam 1	W7690001	846.7	S3100	upper T.longus	M	D	SINGLE DEPTH	P	B2	O	3
Clam 1	W7690001	962.9	S3115	N.senectus	H	Z	PALAEO	P	A3	O	2
Clam 1	W7690001	964.4	S3115	N.senectus	L	Z	PALAEO	P	A3	O	2
Clam 1	W7690001	1053.1	S3120	T.apoxyexinus	H	Z	PALAEO	P	B3	O	3
Clam 1	W7690001	1053.1	M3165	I.cretaceum odi	H	Z	PALAEO	P	B3	O	3
Clam 1	W7690001	1258.8	M3165	I.cretaceum odi	L	Z	PALAEO	A	B3	O	3
Clam 1	W7690001	1263.1	M3165	I.cretaceum odi	L	Z	PALAEO	P	B5	O	3
Clam 1	W7690001	1284.1	S3125	P.mawsonii	L	M	MAX AGE	P	B5	O	3
Copa 1	W5890055	430.0	S2145	lower M.diversus	H	Y	MIN AGE	P	D2	O	3
Copa 1	W5890055	470.0	S2155	upper L.balmei	L	M	MAX AGE	P	D2	O	3
Copa 1	W5890055	535.0	S3100	upper T.longus	M	D	SINGLE DEPTH	P	D4	O	1
Copa 1	W5890055	535.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	D2	O	1
Copa 1	W5890055	750.0	M3145	X.australis oci	M	D	SINGLE DEPTH	P	D3	O	1
Copa 1	W5890055	750.0	S3115	N.senectus	H	Z	PALAEO	P	D3	O	1
Copa 1	W5890055	995.0	S3115	N.senectus	L	Z	PALAEO	P	D3	O	2
Copa 1	W5890055	995.0	M3160	N.aceras ocii	H	Z	PALAEO	P	D3	O	1
Copa 1	W5890055	1032.0	M3160	N.aceras ocii	L	Z	PALAEO	P	D3	O	1
Copa 1	W5890055	1032.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	D4	O	2
Copa 1	W5890055	1115.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	D3	O	2
Copa 1	W5890055	1365.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	D2	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Copa 1	W5890055	1660.0	M3180	O.porifera odii	H	Z	PALAEO	P	D3	O	1
Copa 1	W5890055	2030.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	D3	O	2
Copa 1	W5890055	2430.0	S3125	P.mawsonii	H	Z	PALAEO	P	D5	O	2
Copa 1	W5890055	2785.0	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B5	O	1
Copa 1	W5890055	3810.0	S3125	P.mawsonii	L	Z	PALAEO	A	B2	O	1
Copa 1	W5890055	3844.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	A	B2	O	3
Copa 1	W5890055	3850.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	D3	O	3
Copa 1	W5890055	3850.0	S3125	P.mawsonii	L	Z	PALAEO	P	D5	O	3
Copa 1	W5890055	485.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	3
Copa 1	W5890055	520.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	3
Copa 1	W5890055	542.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	3
Copa 1	W5890055	905.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	3
Copa 1	W5890055	1220.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	3
Copa 1	W5890055	2840.0	FS175	Belfast Mudstone	L	F	FORMATION	P	H9	O	3
Copa 1	W5890055	2840.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	3
Eric The Red 1	W3930002	337.5	S2105	middle N.asperus	H	Z	PALAEO	P	B1	O	1
Eric The Red 1	W3930002	388.0	S2105	middle N.asperus	L	Z	PALAEO	P	B4	O	1
Eric The Red 1	W3930002	429.0	S2110	lower N.asperus	M	D	SINGLE DEPTH	P	B2	O	1
Eric The Red 1	W3930002	429.0	M2130	A.australicum	M	D	SINGLE DEPTH	P	B3	O	1
Eric The Red 1	W3930002	467.0	S2105	middle N.asperus	L	M	MAX AGE	P	B3	O	1
Eric The Red 1	W3930002	553.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	B3	O	1
Eric The Red 1	W3930002	553.0	S3100	upper T.longus	H	Z	PALAEO	P	B1	O	1
Eric The Red 1	W3930002	562.0	S3100	upper T.longus	L	Z	PALAEO	A	B4	O	1
Eric The Red 1	W3930002	569.0	S3100	upper T.longus	L	Z	PALAEO	P	B5	O	1
Eric The Red 1	W3930002	599.0	S3110	T.lilliei	M	D	SINGLE DEPTH	P	B2	O	1
Eric The Red 1	W3930002	599.0	M3135	I.korojonense ob	M	D	SINGLE DEPTH	P	B3	O	1
Eric The Red 1	W3930002	642.0	S3115	N.senectus	H	Z	PALAEO	P	B3	O	1
Eric The Red 1	W3930002	664.0	S3115	N.senectus	H	Z	PALAEO	A	B1	O	1
Eric The Red 1	W3930002	664.0	M3145	X.australis oci	H	Z	PALAEO	P	B3	O	1
Eric The Red 1	W3930002	720.0	M3145	X.australis oci	L	Z	PALAEO	P	B1	O	1
Eric The Red 1	W3930002	812.0	S3115	N.senectus	L	Z	PALAEO	P	B1	O	1
Eric The Red 1	W3930002	812.0	M3160	N.aceras ocii	M	D	SINGLE DEPTH	P	B3	O	1
Eric The Red 1	W3930002	876.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	B4	O	1
Eric The Red 1	W3930002	876.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Eric The Red 1	W3930002	970.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B2	O	1
Eric The Red 1	W3930002	1010.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	1
Eric The Red 1	W3930002	1025.0	S3125	P.mawsonii	H	Z	PALAEO	P	D5	O	1
Eric The Red 1	W3930002	1719.0	S3125	P.mawsonii	L	Z	PALAEO	P	B1	O	1
Eric The Red 1	W3930002	477.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	545.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	571.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	607.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	993.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	1043.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	1268.0	FS185	Waarre	H	F	FORMATION	P	H9	O	1
Eric The Red 1	W3930002	1748.0	FS135	Eumeralla	H	F	FORMATION	P	H9	O	1
Flaxmans 1	W3610001	1259.4	M3145	X.australis oci	H	Z	PALAEO	P	A3	O	1
Flaxmans 1	W3610001	1516.1	M3145	X.australis oci	L	Z	PALAEO	P	A3	O	2
Flaxmans 1	W3610001	1624.6	M3160	N.aceras ocii	H	Z	PALAEO	P	A5	O	1
Flaxmans 1	W3610001	1690.4	M3160	N.aceras ocii	L	Z	PALAEO	P	A3	O	4
Flaxmans 1	W3610001	1813.6	M3165	I.cretaceum odi	H	Z	PALAEO	P	A3	O	1
Flaxmans 1	W3610001	1819.7	M3165	I.cretaceum odi	L	Z	PALAEO	P	A3	O	1
Flaxmans 1	W3610001	1943.1	M3180	O.porifera odii	H	Z	PALAEO	P	A2	O	4
Flaxmans 1	W3610001	1987.3	M3180	O.porifera odii	L	Z	PALAEO	P	D4	O	4
Flaxmans 1	W3610001	2008.6	M3185	C.striatoconus oe	H	Z	PALAEO	P	D3	O	4
Flaxmans 1	W3610001	2011.7	M3185	C.striatoconus oe	L	Z	PALAEO	P	D3	O	4
Flaxmans 1	W3610001	2013.5	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	A2	O	4
Flaxmans 1	W3610001	2200.7	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	A3	O	4
Flaxmans 1	W3610001	1944.6	S3120	T.apoxyexinus	L	Z	PALAEO	P	A3	O	4
Flaxmans 1	W3610001	2008.6	S3125	P.mawsonii	H	Z	PALAEO	P	D3	O	4
Flaxmans 1	W3610001	2094.3	S3125	P.mawsonii	H	Z	PALAEO	P	A1	O	4
Flaxmans 1	W3610001	2200.7	S3125	P.mawsonii	L	Z	PALAEO	P	A5	O	4
Flaxmans 1	W3610001	2277.8	S3135	P.pannosus	H	Z	PALAEO	P	A3	O	3
Flaxmans 1	W3610001	2283.9	S3135	P.pannosus	L	Z	PALAEO	P	A3	O	3
Flaxmans 1	W3610001	2480.8	S3140	C.paradoxus	H	Z	PALAEO	P	A3	O	3
Flaxmans 1	W3610001	2780.7	S3140	C.paradoxus	L	Z	PALAEO	A	A3	O	3
Flaxmans 1	W3610001	3198.0	S3140	C.paradoxus	L	Z	PALAEO	P	A5	O	3
Flaxmans 1	W3610001	3292.1	S3145	C.striatus	H	Z	PALAEO	P	A3	O	3

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Flaxmans 1	W3610001	3513.7	S3145	C.striatus	L	Z	PALAEO	P	A3	O	3
Flaxmans 1	W3610001	1711.8	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	4
Flaxmans 1	W3610001	2012.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	4
Flaxmans 1	W3610001	2057.4	FS180	Flaxmans Formation	L	F	FORMATION	P	H9	O	4
Flaxmans 1	W3610001	2057.4	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	4
Flaxmans 1	W3610001	2215.9	FS185	Waarre Sandstone	L	F	FORMATION	P	H9	O	4
Flaxmans 1	W3610001	2215.9	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	4
Green Banks 1	W3830028	280.0	P1270	G	H	Y	MIN AGE	P	D3	O	1
Green Banks 1	W3830028	380.0	P1280	H1	L	M	MAX AGE	P	D3	O	1
Green Banks 1	W3830028	290.0	S2135	middle M.diversus	H	Y	MIN AGE	P	D5	O	3
Green Banks 1	W3830028	340.0	S2145	lower M.diversus	H	Z	PALAEO	P	D3	O	3
Green Banks 1	W3830028	380.0	S2145	lower M.diversus	L	Z	PALAEO	P	D4	O	3
Green Banks 1	W3830028	454.0	S3100	upper T.longus	M	D	SINGLE DEPTH	P	B2	O	2
Green Banks 1	W3830028	454.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	B3	O	2
Green Banks 1	W3830028	569.5	S3140	C.paradoxus	H	Z	PALAEO	P	B5	O	2
Green Banks 1	W3830028	755.5	S3140	C.paradoxus	H	Z	PALAEO	A	B2	O	2
Green Banks 1	W3830028	812.0	S3140	C.paradoxus	L	Z	PALAEO	P	B2	O	2
Green Banks 1	W3830028	1155.0	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	B1	O	2
Green Banks 1	W3830028	1195.0	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	A	B1	O	2
Green Banks 1	W3830028	1207.5	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	B5	O	2
Green Banks 1	W3830028	392.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	4
Green Banks 1	W3830028	431.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	4
Green Banks 1	W3830028	463.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	4
Green Banks 1	W3830028	516.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	4
Green Banks 1	W3830028	536.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	4
Iona 1	W3880004	331.0	S2105	middle N.asperus	M	D	SINGLE DEPTH	P	B4	O	2
Iona 1	W3880004	402.5	S2115	P.asperopolus	M	D	SINGLE DEPTH	P	B2	O	1
Iona 1	W3880004	543.0	M2175	A.hyperacanthum	M	D	SINGLE DEPTH	P	B1	O	2
Iona 1	W3880004	543.0	S2145	lower M.diversus	M	D	SINGLE DEPTH	P	B1	O	2
Iona 1	W3880004	586.0	S2155	upper L.balmei	M	D	SINGLE DEPTH	P	B1	O	1
Iona 1	W3880004	602.0	S2160	lower L.balmei	H	Z	PALAEO	P	B1	O	1
Iona 1	W3880004	621.0	S2160	lower L.balmei	L	Z	PALAEO	P	B1	O	1
Iona 1	W3880004	652.5	S3100	upper T.longus	H	Z	PALAEO	P	B1	O	1
Iona 1	W3880004	659.5	M3100	M.druggii oa	H	Z	PALAEO	P	B4	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Iona 1	W3880004	664.5	M3100	M.druggii oa	L	Z	PALAEO	P	B1	O	1
Iona 1	W3880004	664.5	S3100	upper T.longus	L	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	704.0	S3105	lower T.longus	M	D	SINGLE DEPTH	P	B3	O	1
Iona 1	W3880004	772.0	S3110	T.lilliei	M	D	SINGLE DEPTH	P	B3	O	1
Iona 1	W3880004	858.0	S3115	N.senectus	H	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1018.0	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1054.0	S3115	N.senectus	L	Z	PALAEO	P	B2	O	1
Iona 1	W3880004	1075.5	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1075.5	S3120	T.apoxyexinus	H	Z	PALAEO	P	B4	O	1
Iona 1	W3880004	1240.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1254.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B2	O	1
Iona 1	W3880004	1254.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B2	O	1
Iona 1	W3880004	1276.5	M3185	C.striatoconus oe	M	D	SINGLE DEPTH	P	B1	O	1
Iona 1	W3880004	1287.0	S3125	P.mawsonii	H	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1287.0	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1347.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1347.0	S3125	P.mawsonii	L	Z	PALAEO	P	B3	O	1
Iona 1	W3880004	1383.0	S3135	P.pannosus	H	Z	PALAEO	P	B2	O	1
Iona 1	W3880004	1481.0	S3135	P.pannosus	L	Z	PALAEO	P	B2	O	1
Iona 1	W3880004	640.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	2
Iona 1	W3880004	660.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	2
Iona 1	W3880004	1237.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	2
Iona 1	W3880004	1280.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	2
Iona 1	W3880004	1300.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	2
Iona 1	W3880004	1382.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	2
Iona 2	W3940005	1034.5	S3115	N.senectus	L	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1034.5	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	C	1
Iona 2	W3940005	1090.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1129.0	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	C	1
Iona 2	W3940005	1161.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	C	1
Iona 2	W3940005	1281.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B2	C	1
Iona 2	W3940005	1290.0	M3180	O.porifera odii	M	D	SINGLE DEPTH	P	B3	C	1
Iona 2	W3940005	1290.0	S3120	T.apoxyexinus	L	Z	PALAEO	A	B1	C	1
Iona 2	W3940005	1292.5	S3120	T.apoxyexinus	L	Z	PALAEO	P	D3	C	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Iona 2	W3940005	1303.5	S3125	P.mawsonii	H	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1303.5	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1371.0	S3125	P.mawsonii	L	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1371.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B1	C	1
Iona 2	W3940005	1402.0	S3135	P.pannosus	H	Z	PALAEO	P	B5	C	1
Iona 2	W3940005	1457.5	S3135	P.pannosus	H	Z	PALAEO	A	B1	C	1
Iona 2	W3940005	1590.0	S3135	P.pannosus	L	Z	PALAEO	P	B2	C	1
La Bella 1	W3930001	632.0	P1280	H1	H	Y	MIN AGE	P	B2	O	1
La Bella 1	W3930001	896.5	P1280	H1	L	M	MAX AGE	P	B3	O	1
La Bella 1	W3930001	1115.0	P1285	H2	L	M	MAX AGE	P	B3	O	1
La Bella 1	W3930001	1255.0	M2110	C.incompositum	M	D	SINGLE DEPTH	P	B3	O	1
La Bella 1	W3930001	1264.0	M2133	H.tasmaniense	H	Y	MIN AGE	P	B5	O	1
La Bella 1	W3930001	1264.0	S2115	P.asperopolus	H	Z	PALAEO	P	B5	O	1
La Bella 1	W3930001	1489.0	S2115	P.asperopolus	H	Z	PALAEO	A	B2	O	1
La Bella 1	W3930001	1489.0	M2145	K.edwardsii	M	D	SINGLE DEPTH	P	B2	O	1
La Bella 1	W3930001	1491.0	M2155	K.thompsonae	M	D	SINGLE DEPTH	P	B2	O	1
La Bella 1	W3930001	1494.0	S2115	P.asperopolus	L	Z	PALAEO	P	B2	O	1
La Bella 1	W3930001	1517.0	S2130	upper M.diversus	H	Z	PALAEO	P	B2	O	1
La Bella 1	W3930001	1523.0	M2170	D.waipawaensis	L	M	MAX AGE	P	B3	O	1
La Bella 1	W3930001	1523.0	S2130	upper M.diversus	L	Z	PALAEO	P	B2	O	1
La Bella 1	W3930001	1544.0	S2145	lower M.diversus	L	M	MAX AGE	P	B3	O	1
La Bella 1	W3930001	1563.0	S3110	T.lilliei	H	Y	MIN AGE	P	B4	O	1
La Bella 1	W3930001	1563.0	M3135	I.korojonense ob	M	D	SINGLE DEPTH	P	B5	O	1
La Bella 1	W3930001	1580.0	S3115	N.senectus	H	Z	PALAEO	P	B2	O	1
La Bella 1	W3930001	1640.0	M3145	X.australis oci	H	Z	PALAEO	P	B1	O	1
La Bella 1	W3930001	1865.0	M3145	X.australis oci	L	Z	PALAEO	P	B1	O	1
La Bella 1	W3930001	1891.0	M3160	N.aceras ocii	H	Z	PALAEO	P	B1	O	1
La Bella 1	W3930001	1979.0	M3160	N.aceras ocii	L	Z	PALAEO	P	B1	O	1
La Bella 1	W3930001	2004.0	M3165	I.cretaceum odi	L	M	MAX AGE	P	B1	O	1
La Bella 1	W3930001	2004.0	S3120	T.apoxyexinus	L	M	MAX AGE	P	B3	O	1
La Bella 1	W3930001	2020.0	S3125	P.mawsonii	H	Z	PALAEO	P	B2	O	1
La Bella 1	W3930001	2683.0	S3125	P.mawsonii	L	Z	PALAEO	P	B5	O	1
Lindon 1	W3830057	945.0	S3100	upper T.longus	H	Y	MIN AGE	P	D2	O	3
Lindon 1	W3830057	945.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	D2	O	3

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Lindon 1	W3830057	990.0	S3115	N.senectus	H	Z	PALAEO	P	D2	O	3
Lindon 1	W3830057	1015.0	M3160	N.aceras ocii	H	Z	PALAEO	P	D2	O	3
Lindon 1	W3830057	1015.0	S3115	N.senectus	L	Z	PALAEO	P	D3	O	3
Lindon 1	W3830057	1070.0	M3160	N.aceras ocii	L	Z	PALAEO	P	D2	O	3
Lindon 1	W3830057	1070.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	D4	O	3
Lindon 1	W3830057	1200.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	D3	O	3
Lindon 1	W3830057	1206.8	M3165	I.cretaceum odi	H	Z	PALAEO	A	B2	O	1
Lindon 1	W3830057	1210.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B2	O	3
Lindon 1	W3830057	1223.1	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	4
Lindon 1	W3830057	1235.0	S3135	P.pannosus	H	Z	PALAEO	P	D1	O	3
Lindon 1	W3830057	1545.0	S3140	C.paradoxus	H	Z	PALAEO	P	B3	O	4
Lindon 1	W3830057	1948.0	S3140	C.paradoxus	L	Z	PALAEO	P	B3	O	4
Lindon 1	W3830057	2253.0	S3145	C.striatus	L	Z	PALAEO	P	B3	O	4
Lindon 1	W3830057	2330.0	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	D5	O	4
Lindon 1	W3830057	2449.0	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	A	B3	O	4
Lindon 1	W3830057	2902.5	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	A	B3	O	4
Lindon 1	W3830057	2980.0	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	D3	O	4
Lindon 1	W3830057	915.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	3
Lindon 1	W3830057	938.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	3
Lindon 1	W3830057	950.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	3
Lindon 1	W3830057	1199.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	3
Lindon 1	W3830057	1226.0	FS175	Belfast Mudstone	L	F	FORMATION	P	H9	O	3
Lindon 1	W3830057	1230.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	3
Minerva 1	W3930004	563.0	S2130	upper M.diversus	H	Y	MIN AGE	P	B4	O	1
Minerva 1	W3930004	617.0	S2145	lower M.diversus	L	Z	PALAEO	P	B3	O	1
Minerva 1	W3930004	617.0	M2175	A.hyperacanthum	M	D	SINGLE DEPTH	P	B5	O	1
Minerva 1	W3930004	627.0	S2155	upper L.balmei	H	Z	PALAEO	P	B2	O	1
Minerva 1	W3930004	651.0	S2155	upper L.balmei	L	Z	PALAEO	P	B4	O	1
Minerva 1	W3930004	760.0	S2160	lower L.balmei	L	Z	PALAEO	P	B4	O	1
Minerva 1	W3930004	783.0	S3100	upper T.longus	M	D	SINGLE DEPTH	P	B2	O	1
Minerva 1	W3930004	783.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	B2	O	1
Minerva 1	W3930004	810.0	S3105	lower T.longus	M	D	SINGLE DEPTH	P	B3	O	1
Minerva 1	W3930004	838.0	S3110	T.lilliei	M	D	SINGLE DEPTH	P	B3	O	1
Minerva 1	W3930004	838.0	M3135	I.korojonense ob	M	D	SINGLE DEPTH	P	B3	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Minerva 1	W3930004	897.0	S3115	N.senectus	H	Z	PALAEO	P	B2	O	1
Minerva 1	W3930004	897.0	M3145	X.australis oci	H	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1149.0	M3145	X.australis oci	L	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1166.0	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	1
Minerva 1	W3930004	1220.0	S3115	N.senectus	L	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1298.0	M3160	N.aceras ocii	L	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1351.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1398.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1453.0	M3180	O.porifera odii	L	Z	PALAEO	P	B1	O	1
Minerva 1	W3930004	1453.0	S3120	T.apoxyexinus	L	Z	PALAEO	A	B2	O	1
Minerva 1	W3930004	1502.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B5	O	1
Minerva 1	W3930004	1562.0	S3125	P.mawsonii	H	Z	PALAEO	P	B4	O	1
Minerva 1	W3930004	1616.0	M3185	C.striatoconus oe	H	Z	PALAEO	P	D3	O	1
Minerva 1	W3930004	1647.0	M3185	C.striatoconus oe	L	Z	PALAEO	P	B3	O	1
Minerva 1	W3930004	2101.0	S3125	P.mawsonii	L	Z	PALAEO	A	B2	O	1
Minerva 1	W3930004	2157.0	S3125	P.mawsonii	L	Z	PALAEO	P	B4	O	1
Minerva 1	W3930004	2294.0	S3140	C.paradoxus	H	Z	PALAEO	P	B3	O	1
Minerva 1	W3930004	2321.0	S3140	C.paradoxus	H	Z	PALAEO	A	B2	O	1
Minerva 1	W3930004	2392.0	S3140	C.paradoxus	L	Z	PALAEO	A	B3	O	1
Minerva 1	W3930004	2425.0	S3140	C.paradoxus	L	Z	PALAEO	P	D4	O	1
Minerva 1	W3930004	655.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	758.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	784.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	862.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	1308.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	1648.0	FS175	Belfast Mudstone	L	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	1648.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	1815.0	FS180	Flaxmans Formation	L	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	1815.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	1
Minerva 1	W3930004	2293.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	1
Morum 1	W5750002	545.6	S3110	T.lilliei	M	D	SINGLE DEPTH	P	D1	O	1
Morum 1	W5750002	545.6	M3135	I.korojonense ob	M	D	SINGLE DEPTH	P	D3	O	1
Morum 1	W5750002	609.6	S3115	N.senectus	H	Z	PALAEO	P	D1	O	1
Morum 1	W5750002	609.6	M3145	X.australis oci	H	Z	PALAEO	P	D3	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Morum 1	W5750002	838.2	M3145	X.australis oci	L	Z	PALAEO	P	D3	O	1
Morum 1	W5750002	920.5	S3115	N.senectus	L	Z	PALAEO	P	D3	O	1
Morum 1	W5750002	920.5	M3160	N.aceras ocii	H	Z	PALAEO	P	D3	O	1
Morum 1	W5750002	1002.8	M3160	N.aceras ocii	L	Z	PALAEO	P	D3	O	1
Morum 1	W5750002	1002.8	S3120	T.apoxyexinus	H	Z	PALAEO	P	D3	O	1
Morum 1	W5750002	1082.0	S3120	T.apoxyexinus	H	Z	PALAEO	A	B1	O	1
Morum 1	W5750002	1082.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B1	O	1
Morum 1	W5750002	1332.0	M3165	I.cretaceum odi	L	Z	PALAEO	A	B1	O	1
Morum 1	W5750002	1496.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	A3	O	2
Morum 1	W5750002	1541.7	M3180	O.porifera odii	H	Z	PALAEO	P	B5	O	2
Morum 1	W5750002	1755.6	M3180	O.porifera odii	L	Z	PALAEO	P	B2	O	2
Morum 1	W5750002	1755.6	S3120	T.apoxyexinus	L	Z	PALAEO	A	B1	O	1
Morum 1	W5750002	1874.5	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	2
Morum 1	W5750002	1902.0	S3125	P.mawsonii	H	Z	PALAEO	P	B4	O	2
Morum 1	W5750002	1902.0	M3185	C.striatoconus oe	H	Z	PALAEO	P	B2	O	1
Morum 1	W5750002	2018.7	M3185	C.striatoconus oe	L	Z	PALAEO	P	B2	O	1
Morum 1	W5750002	2047.6	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B5	O	2
Morum 1	W5750002	2433.8	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B1	O	2
Morum 1	W5750002	2433.8	S3125	P.mawsonii	L	Z	PALAEO	P	B1	O	2
Morum 1	W5750002	800.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	2
Morum 1	W5750002	1355.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	2
Morum 1	W5750002	2045.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	2
Mussel 1	W3690002	1282.6	S2130	upper M.diversus	L	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1282.6	M2170	D.waipawaensis	M	D	SINGLE DEPTH	P	B2	O	2
Mussel 1	W3690002	1315.2	S3100	upper T.longus	H	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1315.2	M3100	M.druggii oa	H	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1384.7	M3100	M.druggii oa	L	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1384.7	S3100	upper T.longus	L	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1418.5	S3110	T.lilliei	H	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1418.5	M3135	I.korojonense ob	H	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1443.2	M3135	I.korojonense ob	L	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1443.2	S3110	T.lilliei	L	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1479.5	S3115	N.senectus	H	Z	PALAEO	P	B2	O	2
Mussel 1	W3690002	1479.5	M3145	X.australis oci	H	Z	PALAEO	P	B4	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Mussel 1	W3690002	1847.4	M3145	X.australis oci	L	Z	PALAEO	P	B3	O	1
Mussel 1	W3690002	1847.4	S3115	N.senectus	L	Z	PALAEO	P	B4	O	1
Mussel 1	W3690002	2030.0	S3125	P.mawsonii	H	Z	PALAEO	P	B5	O	2
Mussel 1	W3690002	2100.4	S3125	P.mawsonii	H	Z	PALAEO	A	B3	O	2
Mussel 1	W3690002	2236.3	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	A2	O	2
Mussel 1	W3690002	2254.3	S3125	P.mawsonii	L	Z	PALAEO	A	B4	O	2
Mussel 1	W3690002	2441.4	S3125	P.mawsonii	L	Z	PALAEO	P	D5	O	2
Mussel 1	W3690002	1297.0	FS125	Dilwyn Formation	L	F	FORMATION	P	H9	O	2
Mussel 1	W3690002	2025.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	2
Mussel 1	W3690002	2085.0	FS180	Flaxmans Formation	L	F	FORMATION	P	H9	O	2
Mussel 1	W3690002	2085.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	2
Nautilus A 1	W3680001	304.8	P1255	E1	H	Z	PALAEO	P	D4	O	1
Nautilus A 1	W3680001	442.0	P1260	E2	L	Z	PALAEO	P	D4	O	1
Nautilus A 1	W3680001	478.5	P1265	F	H	Z	PALAEO	P	B3	O	1
Nautilus A 1	W3680001	670.6	P1265	F	L	Z	PALAEO	P	D3	O	1
Nautilus A 1	W3680001	685.8	P1270	G	H	Z	PALAEO	P	D5	O	1
Nautilus A 1	W3680001	975.4	P1270	G	L	Z	PALAEO	P	D3	O	1
Nautilus A 1	W3680001	1005.8	P1280	H1	H	Z	PALAEO	P	D5	O	1
Nautilus A 1	W3680001	1188.7	P1285	H2	H	Z	PALAEO	P	D5	O	1
Nautilus A 1	W3680001	1432.6	P2300	I	H	Z	PALAEO	P	D5	O	1
Nautilus A 1	W3680001	1524.0	P2300	I	H	Z	PALAEO	A	D3	O	1
Nautilus A 1	W3680001	1575.8	P2300	I	L	Z	PALAEO	P	D3	O	1
Nautilus A 1	W3680001	1577.3	P2320	J1	H	Z	PALAEO	P	A2	O	1
Nautilus A 1	W3680001	1630.7	P2320	J1	L	Z	PALAEO	P	D4	O	1
Nautilus A 1	W3680001	1645.9	P2325	J2	H	Z	PALAEO	P	D2	O	1
Nautilus A 1	W3680001	1722.1	P2325	J2	L	Z	PALAEO	P	D2	O	1
Nautilus A 1	W3680001	1733.1	S2145	lower M.diversus	M	D	SINGLE DEPTH	P	A4	O	2
Nautilus A 1	W3680001	1860.8	S3115	N.senectus	H	Z	PALAEO	P	A2	O	2
Nautilus A 1	W3680001	1860.8	M3145	X.australis oci	H	Z	PALAEO	P	A3	O	2
Nautilus A 1	W3680001	2008.6	M3145	X.australis oci	L	Z	PALAEO	P	A3	O	2
Nautilus A 1	W3680001	2008.6	S3115	N.senectus	L	Z	PALAEO	P	A2	O	2
Nautilus A 1	W3680001	1730.0	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	2
Nautilus A 1	W3680001	1739.0	FS125	Dilwyn Formation	L	F	FORMATION	P	H9	O	2
Neptune 1	W5730013	1401.5	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	B2	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Neptune 1	W5730013	1416.7	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	B2	O	1
Neptune 1	W5730013	1656.3	S3155	F.wonthaggiensis	H	Z	PALAEO	P	B4	O	1
Neptune 1	W5730013	2303.1	S3165	C.australiensis	L	Z	PALAEO	P	B2	O	1
Normanby 1	W3860008	710.0	S2115	P.asperopolus	H	Y	MIN AGE	P	D2	O	1
Normanby 1	W3860008	910.0	S2130	upper M.diversus	L	M	MAX AGE	P	D3	O	1
Normanby 1	W3860008	1030.0	S2145	lower M.diversus	H	Y	MIN AGE	P	D3	O	2
Normanby 1	W3860008	1250.0	S2145	lower M.diversus	L	M	MAX AGE	P	D5	O	2
Normanby 1	W3860008	1285.0	S2155	upper L.balmei	H	Z	PALAEO	P	D3	O	2
Normanby 1	W3860008	1300.0	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	D2	O	1
Normanby 1	W3860008	1300.0	S3100	upper T.longus	H	Z	PALAEO	P	D2	O	2
Normanby 1	W3860008	1390.0	S3100	upper T.longus	L	Z	PALAEO	P	D5	O	2
Normanby 1	W3860008	1430.0	S3105	lower T.longus	H	Z	PALAEO	P	D5	O	2
Normanby 1	W3860008	1510.0	S3105	lower T.longus	L	Z	PALAEO	P	D5	O	2
Normanby 1	W3860008	1550.0	S3110	T.lilliei	H	Z	PALAEO	P	D3	O	1
Normanby 1	W3860008	1590.0	S3115	N.senectus	H	Z	PALAEO	P	D2	O	1
Normanby 1	W3860008	1685.1	S3115	N.senectus	H	Z	PALAEO	A	B2	O	1
Normanby 1	W3860008	1630.0	M3145	X.australis oci	H	Z	PALAEO	P	D3	O	1
Normanby 1	W3860008	1720.6	M3145	X.australis oci	L	Z	PALAEO	A	B3	O	1
Normanby 1	W3860008	1840.0	M3145	X.australis oci	L	Z	PALAEO	P	D3	O	1
Normanby 1	W3860008	1880.0	S3115	N.senectus	L	Z	PALAEO	P	D3	O	2
Normanby 1	W3860008	1923.6	S3120	T.apoxyexinus	H	Z	PALAEO	P	B3	O	1
Normanby 1	W3860008	2147.6	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	O	1
Normanby 1	W3860008	2417.5	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	1
Normanby 1	W3860008	2417.5	S3120	T.apoxyexinus	L	Z	PALAEO	A	A1	O	2
Normanby 1	W3860008	2524.3	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	2
Normanby 1	W3860008	2561.4	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B2	O	2
Normanby 1	W3860008	2580.8	S3125	P.mawsonii	H	Z	PALAEO	P	B3	O	2
Normanby 1	W3860008	3197.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B3	O	2
Normanby 1	W3860008	3197.0	S3125	P.mawsonii	L	Z	PALAEO	A	B2	O	2
Normanby 1	W3860008	3288.0	S3125	P.mawsonii	L	Z	PALAEO	P	B5	O	2
Normanby 1	W3860008	626.0	FS155	Narrawaraturk Formation	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	717.5	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	1292.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	1304.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	2

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Security	Ref Code
Normanby 1	W3860008	1317.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	1477.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	2112.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	2535.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	3084.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	3202.0	FS185	Waarre Sandstone	L	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	3202.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	2
Normanby 1	W3860008	3306.0	FS135	Eumeralla Group	L	F	FORMATION	P	H9	O	2

Well Name	UNO	Code	Description
Port Campbell 1	W3590001	1	Partridge, A.D., 1996. Palynological review of the type sections of the Belfast Mudstone, Flaxman and Waarre Formations in the Port Campbell Embayment, Otway Basin. Biostrata Report 1996/1.
Port Campbell 2	W3600002	1	Partridge, A.D., 1996. Palynological review of the type sections of the Belfast Mudstone, Flaxman and Waarre Formations in the Port Campbell Embayment, Otway Basin. Biostrata Report 1996/1.
Flaxmans 1	W3610001	1	Evans, P.R., 1966. Mesozoic Stratigraphic palynology of the Otway Basin. BMR Record 1966/69, 45p., 4 pls.
Flaxmans 1	W3610001	2	Stacy, H.E., 1981. Palynology of core samples from Port Campbell-1, Port Campbell-2, Port Campbell-4, Flaxmans-1 in Otway Basin. EAL Palaeo. Rept. 1981/13.
Flaxmans 1	W3610001	3	Dettmann, M.E., 1964 (7 April). Palynological report on Cretaceous core samples from F.B.H. Flaxmans No. 1 well. Unpubl. report submitted to Frome.
Flaxmans 1	W3610001	4	Partridge, A.D., 1996. Palynological review of the type sections of the Belfast Mudstone, Flaxman and Waarre Formations in the Port Campbell Embayment, Otway Basin. Biostrata Report 1996/1.
Pecten 1A	W3670001	1	Dettmann, M.E., 1967 (30 August). Palynological report on Shell Pecten 1A well, 4044 feet-9305 feet. Appendix Xa in well completion report, 17p.
Pecten 1A	W3670001	2	Muller, J., 1967. Palynological examination of Tertiary samples from well Pecten 1A, Otway Basin, Australia. Appendix in Well Completion report, 2p.
Pecten 1A	W3670001	3	Dettmann, M.E., 1967 (4 September). Palynological report on Shell Pecten 1A well, 3735 feet and 3908 feet. Appendix Xb in Well Completion Report, 3p.
Pecten 1A	W3670001	4	Dettmann, M.E., 1967 (20 September). Palynological report on Pecten 1A well, 3618 feet - 3833 feet. Appendix Xc in Well Completion Report.
Voluta 1	W3670003	1	Shell Development (Aust.) Pty. Ltd. Geological Laboratory, 1968. Palaeontology Report Voluta-1 well. Appendix 5 in well completion report. 10p.

Well Name	UNO	Code	Description
Voluta 1	W3670003	2	Dettmann, M.E., 1968 (18 March). Palynological report on Voluta-1 well 4151 feet - 13,020 feet. Appendix 6 in well completion report, 28p.
Nautilus A 1	W3680001	1	Taylor, D.J., 1968 (July). Foraminiferal sequence – Nautilus A-1 well, Otway Basin. 17p., figs.1-5.
Nautilus A 1	W3680001	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Mussel 1	W3690002	1	Evans, P.R. & Mulholland, R.D., 1969 (17 December). Palynological report on Esso Mussel No.1, Otway Basin. EAL Palaeo. Rept. 1969/17, 16p.
Mussel 1	W3690002	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Triton 1	W3820002	1	Rexilius, J.P., 1982 (July). Foraminiferal analysis of Triton-1 and Triton-1 Sidetrack, Otway Basin. EAL Palaeo. Rept. 1982/25.
Triton 1	W3820002	2	Stacy, H.E., 1982. Palynological analysis of Triton-1 and Triton-1 Sidetrack, Otway Basin. EAL Palaeo. Rept., 1982/24.
Bridgewater Bay 1	W3830008	1	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Bridgewater Bay 1	W3830008	2	Taylor, D., 1984 (16 February). Foraminiferal sequence in Bridgewater Bay #1, Otway Basin. Report for Phillips Aust. Oil Company, 11p.
Bridgewater Bay 1	W3830008	3	Martin, H.A., 1984 (8 February). The stratigraphic palynology of Bridgewater Bay #1, Otway Basin. Report for Phillips Aust. Oil Company, 2 figs. 2 tables.
Green Banks 1	W3830028	1	Abele, C., 1983 (June). Micropalaeontological report on samples from Green Banks 1 well. Geol. Surv. Vict. Rept., 1p. (unpubl.).
Green Banks 1	W3830028	2	Archer, V., 1983 (June). Palynological report on samples from the Green Banks 1 and Hotspur 1 wells. Geol. Surv. Vict. Rept., 7p. (unpubl.).

Well Name	UNO	Code	Description
Green Banks 1	W3830028	3	Archer, V., 1983 (July). Palynological report 2 on the Green Banks 1 well for Beach Petroleum N.L. Geol. Surv. Vict. Rept., 5p. (unpubl.).
Green Banks 1	W3830028	4	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Lindon 1	W3830057	1	Archer, V., 1984a. Palynology report of the Lindon-1 well for Beach Petroleum N/L. Geol. Surv. Vict. Rept., 7p. (unpubl.).
Lindon 1	W3830057	2	Archer, V., 1984b (May). Palynology report on samples from the Lindon No.1 well for Beach Petroleum N/L. Geol. Surv. Vict. Rept., 3p. (unpubl.).
Lindon 1	W3830057	3	Partridge, A.D., 1996 Palynological analysis of cuttings samples from Sherbrook Group in Lindon-1, Otway Basin.
Lindon 1	W3830057	4	Morgan, R., 1986. Otway Basin Oil Drilling: A selective palynological review. In: The Petroleum Geology of the Otway Basin. A non-exclusive study by P. Connard Pty. Appendix 1 (unpubl.).
Normanby 1	W3860008	1	Morgan, R., 1985. Palynology of BP Normanby-1, Otway Basin, Australia. Rept. for BP Australia. 22p. 2 range charts.
Normanby 1	W3860008	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Iona 1	W3880004	1	Morgan, R., 1988. Palynology of Beach Iona-1, Otway Basin, Victoria. Report for Beach Petroleum. 19p., range chart.
Iona 1	W3880004	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Pine Lodge 1	W3900017	1	Morgan, R., 1990 (November). Palynology of Gas and Fuel Pine Lodge-1, Otway Basin, Australia. Report for Gas and Fuel, 12p., range chart.
La Bella 1	W3930001	1	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Eric The Red 1	W3930002	1	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Minerva 1	W3930004	1	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.

Well Name	UNO	Code	Description
Iona 2	W3940005	1	Partridge, A.D., 1994 (20 June). Palynological analysis of Iona-2 in Port Campbell Embayment, Otway Basin. Biostrata Report 1994/4, 25p.
Argonaut 1A	W5680002	1	Dettmann, M.E., 1968 (27 August). Palynology Report on ArgonautA-1 well, 2210-2595 feet and 9972 12,163 feet. 6p.
Argonaut 1A	W5680002	2	Taylor, D., 1968. The occurrence of foraminifera in Esso's Argonaut A-1 well, South Australia. 2p.
Argonaut 1A	W5680002	3	Morgan, R., 1985. Palynology of Argonaut No.1, Otway Basin, Australia. Report for Ultramar Australia. 16p. 2 charts.
Argonaut 1A	W5680002	4	Alley, N.F., 1984. Palynostratigraphy of Argonaut-A1, Lake Bonney-1 and Kalangadoo-1 wells, Otway Basin. Dept. Mines Energy S.A., Rept. Bk No. 84/100; Biostrat Rept. No. 11/84, 25p., 5 tables, 4 figs.
Argonaut 1A	W5680002	5	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Chama 1	W5700010	1	Evans, P.R., 1970. Palynology of Chama-1, Otway Basin. EAL Palaeo. Rept. 1970/10, 5p.
Chama 1	W5700010	2	Morgan, R., 1986. Palynology of Esso Chama-1 and 1A, offshore Otway Basin, South Australia. Report for Chevron Overseas Petroleum. 21p. 2 charts.
Chama 1	W5700010	3	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Chama 1A	W5700011	1	Evans, P.R., 1970. Palynology of Chama-1, Otway Basin. EAL Palaeo. Rept. 1970/10, 5p.
Chama 1A	W5700011	2	Morgan, R., 1986. Palynology of Esso Chama-1 and 1A, offshore Otway Basin, South Australia. Report for Chevron Overseas Petroleum. 21p. 2 charts.
Chama 1A	W5700011	3	Partridge, A.D., 1996. Review of palaeontology data and preparation of STRATDAT datums for selected Otway Basin wells. Biostrata Report 1996/5.
Trumpet 1	W5730005	1	Stover, L.E., 1974 (March). Palynological determinations for Trumpet-1, Otway Basin, Australia. EAL Palaeo. Rept. 1974/06, 5p. (EPR.18ES.74)
Neptune 1	W5730013	1	Stover, L.E., 1974 (April). Palynological interpretations for Neptune-1, Otway Basin, Australia. EAL Palaeo. Rept. 1974/08, 4p. tables 1-2 (EPR.28ES.74)
Morum 1	W5750002	1	Partridge, A.D., 1975 (15 April). Appendix 6: Palynology Report. The palynology of the Late Cretaceous sequence in Morum-1, Otway Basin. EAL Palaeo. Rept. 1975/12, 10p. 2 figs.
Morum 1	W5750002	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.

Well Name	UNO	Code	Description
Breaksea Reef 1	W5830001	1	Morgan, R., 1984. Palynology and visual geochemistry of Ultramar Breaksea Reef No.1, Otway.
Breaksea Reef 1	W5830001	2	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Copa 1	W5890055	1	Macphail, M.K. & Hos, D.P.C., 1990. Palynology report on Copa-1, Otway Basin. Report for Cultus Petroleum Australia N.L. 10p. 8 distribution sheets.
Copa 1	W5890055	2	Morgan, R., 1991. Review of palynology of Copa-1, Otway Basin, South Australia. Report for BHP Petroleum. 18p.
Copa 1	W5890055	3	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Troas 1	W5920027	1	Morgan, R. & Hooker, N., 1993. Palynology of Troas #1 offshore Otway Basin, South Australia. Report for BHP Petroleum in Well Completion Report.
Troas 1	W5920027	2	White, M.R., 1995 Micropalaeontological analysis of 26 petroleum wells in the Gambier Basin, South Australia. Dept. Mines & Energy S.A., Report Book 95/6. p.1-122, figs.1-8, pl.1, Appendixes 1-3.
Prawn A 1	W7670002	1	Taylor, D.J., 1968 (April). Biostratigraphic summary Prawn A-1 well Otway Basin. 12p. 1 fig.
Prawn A 1	W7670002	2	Dettmann, M.E., 1968 (10 July). Palynological report on Esso Prawn A-1 well, 3204-10,477 feet. 4p.
Clam 1	W7690001	1	Stover, L.E., 1971. Palynologic Interpretation for Clam-1 between 1050 to 3164 feet. EAL Palaeo. Rept. 1971/7, 5p.
Clam 1	W7690001	2	Evans, P.R. & Mulholland, D., 1969. Palynology of Esso Clam-1. EAL Palaeo. Rept. 1969/15, 17p.
Clam 1	W7690001	3	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Whelk 1	W7700007	1	Evans, P.R., 1970. Palynology of Esso Welk No.1, Otway Bsin. EAL Palaeo. Rept. 1970/8, 6p.
Cape Sorell 1	W7820002	1	Hughes, W.G., Seymour, W.P., Varol, O. and Chow, Y.C., 1983. The biostratigraphy of the Amoco Australia Petroleum Co. Cape Sorell-1well, offshore West Tasmania, Australia. 44p., 2 Appendices, 4 charts.
Cape Sorell 1	W7820002	2	MICRO-STRAT Inc., 1986. Biostratigraphic, Palaeoevnironmental & Geochemical Analysis of the Amoco Australia Petroleum Co. Cape Sorell-1 well offshore western Tasmania, Australia. Project No. MSI 89-10, 22p., 1 chart.
Cape Sorell 1	W7820002	3	Partridge, A.D., 1996 (May). New interpretations of STRATDAT datums from palaeontological range charts available as Basic Data on open file.

Well Name	UNO	Seq_No	Remarks
Port Campbell 1	W3590001	1	Initial palynological analysis by Evans (1964) examined 13 samples from cores 14-24 and 12 cuttings samples below 5300ft. Two extra samples from cores 12-13 were subsequently reported in revision by Evans (1966).
Port Campbell 1	W3590001	2	Selection of palynological datums based on review of all available palynological reports and assemblage lists.
Port Campbell 2	W3600002	1	Selection of palynological datums based on review of all available palynological reports and assemblage lists from 17 cores and 6 cuttings samples.
Port Campbell 2	W3600002	2	Core 18 at T.D. (2690–96m) did not yield plant microfossils. Lithologically the bluish–green mudstone is most similar to Eumeralla Formation.
Flaxmans 1	W3610001	1	Selection of palynological datums based on a review of all available palynological reports and assemblage lists, from over 40 cores and 6 new cuttings samples.
Flaxmans 1	W3610001	2	Palynological assemblages in cutting from lower part of Flaxman Formation are dominated by fossils caved from Belfast Mudstone. Base of Flaxman Formation is moved up to 2057m to correspond to base of good shale on gamma log.
Pecten 1A	W3670001	1	Palynological analysis by Dettmann (1967) based on 45 SWCs between 1103m to 2836m.
Pecten 1A	W3670001	2	Palynological samples below 2783m are poorly preserved and low diversity assemblages recorded cannot be assigned to any zone although clearly no older than Early Cretaceous.
Voluta 1	W3670003	1	Micropalaeontology analysis based on cuttings examined at 100ft intervals between 294m–3974m (966–13037ft) supplemented by cores and sidewall cores.
Voluta 1	W3670003	2	Palynological analysis by Dettmann (1968) based on 35 SWCs, 26 core, 2 junk samples and 1 cuttings sample, between 1265m–3965m.
Voluta 1	W3670003	3	Palynological samples below 2713m contains assemblages with low concentrations of poorly preserved palynomorphs. The low diversity species lists recorded provide only the broad age range of T. apoxyexinus to P. mawsonii Zones.
Voluta 1	W3670003	4	Appendicisporites sp. recorded from a junk basket sample at 3891m is shallowest index species suggestive of either the Flaxman or Waarre Formations.
Voluta 1	W3670003	5	Voluta-1 has a thicker interval assigned to the T. longus to T. lilliei Zone than in other wells. This may however be an artifact of the limited assemblages recorded and the N. senectus Zone could extend as shallow as 1550m.

Well Name	UNO	Seq_No	Remarks
Voluta 1	W3670003	6	The K/T boundary shale cannot be clearly identified on either the palynology or electric logs in Voluta-1.
Nautilus A 1	W3680001	1	Micropalaeontological analysis by Taylor (1968) based on 29 SWCs, 8 cores and rotary cuttings at 50ft intervals between 305m to 2010m.
Nautilus A 1	W3680001	2	The diverse foraminiferal fauna recorded from Late Cretaceous between 1743m to 2010m are assigned to Otway Basin benthic foram zones XA between 1768m–1864m and XB between 1945m–2010m.
Nautilus A 1	W3680001	3	Late Cretaceous benthic zones are not given datums in STRATDAT as their age limits are currently uncertain. In part the assemblages are facies rather than time indicators.
Mussel 1	W3690002	1	Palynological analysis by Evans & Mulholland (1969) based on 17 SWCs, 3 core and 7 cuttings samples between 1245m–2441m.
Mussel 1	W3690002	2	Below 2254m only cuttings are available for analysis and these contained no new microflora and were badly contaminated by caving. A P. mawsonii Zone age at T.D. is considered most likely.
Triton 1	W3820002	1	Palynological results of low reliability because of down hole cavings in cuttings and poor assemblages recorded from SWCs.
Triton 1	W3820002	2	Foraminiferal analysis by Rexilius (1982) based on 54 cuttings from Triton-1 and 31 cuttings from sidetrack hole.
Triton 1	W3820002	3	Diverse foram faunas were recorded from Late Cretaceous between 1765m to 2860m are assigned to local Otway Basin benthic foram zone XA which is not currently available amongst the STRATDAT zonations.
Discovery Bay 1	W3820013	1	Micropalaeontology analysis by Taylor (1982) based on 56 SWCs and 4 cuttings samples between 434m to 2772m.
Discovery Bay 1	W3820013	2	Foraminifera were recovered between 434m-795m and 1013m-1594m.
Discovery Bay 1	W3820013	3	Palynological analysis by Harris (1983) based on 75 SWCs between 774m to 2776m.
Discovery Bay 1	W3820013	4	Foraminiferal assemblages between 758-682m can only be assigned to broad J zone as index species used to distinguish J1 and J2 subzones were not recorded.
Discovery Bay 1	W3820013	5	Both the Pebble Point Formation and K/T boundary shale are clearly missing in Discovery Bay-1 at an unconformity at 1279mKB base on diverse palynological assemblages.
Bridgewater Bay 1	W3830008	1	Micropaelaeontological analysis by Taylor (1984) based on 85 SWCs and 25 cuttings samples between 550m to 4165m.

Well Name	UNO	Seq_No	Remarks
Bridgewater Bay 1	W3830008	2	Palynological analysis by Martin (1984) based on 74 SWCs between 887m to 4098m.
Bridgewater Bay 1	W3830008	3	Planktonic foram faunas confidently indicate that base of Gambier Limestone is close to Middle-Late Miocene boundary and is considerably younger than onshore sections.
Bridgewater Bay 1	W3830008	4	Interval between 861-901m belongs to Nirranda Group and is no older than Late Eocene at its base. Youngest age of top of this unit is uncertain as upper part was not analysed.
Bridgewater Bay 1	W3830008	5	Age dating of interval 901-1168m is of low confidence but is consistent with assignment of interval to Dilwyn Formation.
Bridgewater Bay 1	W3830008	6	Reasons for selection of top of Pember Mundstone at 1168m is well completion report is unclear. Based on electric log character top of Pember may lie as shallow as 997m. Sands between 1140-1168m would then correlate to Rivernook Member.
Bridgewater Bay 1	W3830008	7	Palynological data is inadequate to confidently identify either Pebble Point Formation or K/T boundary shale, but both are expected to be missing as occurs in Discovery Bay-1.
Bridgewater Bay 1	W3830008	8	Base of Timbbon Sands tentatively picked at log break at 1585m. However as this is close to casing point it may be artifact of log display.
Bridgewater Bay 1	W3830008	9	Palynological data below 3015m is very limited. The highest occurrence of Kiokansium polypes in SWCs at 3760m and record of possible specimen of Conosphaeridium striatoconus in cuttings at 3800m suggests this level is close to top of Flaxman Formation.
Bridgewater Bay 1	W3830008	10	Cretaceous foram faunas recovered between 2815m to 3615m are consistent with correlating this interval with Belfast Formation in Port Campbell-2.
Bridgewater Bay 1	W3830008	11	Cenomanian to Turonian ages assigned to Cretaceous foram faunas by Taylor (1984) inconsistent with more extensively correlated and independently dated microplankton zones which indicate a Coniacian to Santonian age for oldest foram faunas in Otway Basin.
Green Banks 1	W3830028	1	Micropalaeontology analysis by Abele (1983) based on three cuttings. Palynological data suggest assemblages are all caved.
Green Banks 1	W3830028	2	Palynological analysis by Archer (1983 June/July) based on 7 SWC and 4 cuttings samples between 290m-1207m.
Green Banks 1	W3830028	3	Diverse palynological assemblage from SWC at 454m confirms most northerly presence of Cretaceous/Tertiary boundary transgression in Otway Basin.

Well Name	UNO	Seq_No	Remarks
Green Banks 1	W3830028	4	Palynological zones recognised are called according to assemblages recorded; however it is possible the samples could be a zone younger than called.
Lindon 1	W3830057	1	Palynological analysis by Archer (1984) based on 6 SWC and 2 cuttings samples.
Lindon 1	W3830057	2	R. Morgan re-examined Archer's material and provided analyses of 17 new samples from the Otway Group. As only selected species are recorded in this analysis these results are accepted but given low confidence ratings.
Lindon 1	W3830057	3	Partridge (1996) provides analyses for 8 cuttings between 945–1235m.
Normanby 1	W3860008	1	Palynological analysis by Morgan (1985) based on 67 SWCs and 36 cuttings between 710m–3300m.
Normanby 1	W3860008	2	The interval below 3200m to 3310m contains the youngest occurrence of several spore-pollen types and displays a distinct log character which suggests it may be older than the Waarre Formation.
Normanby 1	W3860008	3	Consistent presence of Appendicisporites distocarinatus in SWCs between 3217m to 3288m suggests section is younger than Eumeralla Formation.
Normanby 1	W3860008	4	On balance of evidence interval 3200m to 3310m is assigned to P. mawsonii Zone but given lowest confidence rating.
Iona 1	W3880004	1	Palynological analysis by Morgan (1988) based on 25 SWCs between 331m to 1481m.
La Bella 1	W3930001	1	Micropalaeontological analysis performed by Rexilius & Powell (1993) on 15 SWCs between 635m-1364m. Samples below 1151m were barren of calcareous microfossils.
La Bella 1	W3930001	2	Palynological analysis based on assemblages recorded by R. Morgan in 1993 from 71 SWCs, 3 cores and 9 cuttings between 635-2735m.
Eric The Red 1	W3930002	1	Micropalaeontological analysis performed on 3 SWCs between 373.5m-467m which were all barren of both foraminifera and nannofossils.
Eric The Red 1	W3930002	2	Palynological analysis based on assemblages recorded by R. Morgan in 1993 from 41 SWC and 7 cuttings samples.
Eric The Red 1	W3930002	3	Spore-pollen assemblage between 1749.5-1813.5m although diverse (>40 species total) lack key index species. They are tentatively assigned to Eumerall Formation, on absence of younger index species.
Eric The Red 1	W3930002	4	Youngest consistent occurrence of Appendicisporites distocarinatus at 1219m is considered equivalent to top of Waarre Formation.
Minerva 1	W3930004	1	Micropalaeontological analysis not performed on Minerva-1 or not available on open file.

Well Name	UNO	Seq_No	Remarks
Minerva 1	W3930004	2	Palynological analysis based on assemblages recorded by R. Morgan in 1992 from 50 SWCs, 4 core and 29 cuttings samples.
Iona 2	W3940005	1	Palynological analysis based on 18 SWCs and 4 cuttings samples between 1034.5-1599m.
Iona 2	W3940005	2	SWC samples are according to measured depth (MD) and have not been corrected to true vertical depth (TVD).
Argonaut 1A	W5680002	1	Micropalaeontology analysis by Taylor (1968) based on cuttings examined 100 ft interval between 265m-3707m. In addition 17 core, 70 SWC and 5 junk basket samples also examined
Argonaut 1A	W5680002	2	Foraminifera fauna recorded from <10% of 300 samples examined and not assignable to established zones.
Argonaut 1A	W5680002	3	Most comprehensive palynological analysis available was by Morgan (1985) and is based on 50 samples examined in detail and 20 samples examined only by rapid scan.
Argonaut 1A	W5680002	6	Report of N. senectus Zone as deep as 1638m (core-7) by Alley (1984) is not accepted as it is inconsistent with spore-pollen assemblages recorded by Morgan (1985).
Chama 1	W5700010	1	Palynological analysis by Evans (1970) based on 12 SWCs and 2 cuttings in Chama-1 and 2 core, 15 SWC and 5 cuttings from Chama-1A.
Chama 1	W5700010	2	Palynological analysis by Morgan (1986) based on relinquished samples examined by Evans (1970) and an additional 2 core and 23 cuttings samples.
Trumpet 1	W5730005	1	Palynology based on assemblage from 28 SWCs and 2 core samples recorded by Stover (1974) and reinterpreted by A.D. Partridge (1996).
Neptune 1	W5730013	1	Palynological analysis by Stover (1974) based on 24 SWCs of which 16 yielded good assemblages.
Copa 1	W5890055	1	Palynological analysis by Macphail & Hos (1990) based on 7 SWC and 34 cuttings samples which were re-examined by Morgan (1991).
Copa 1	W5890055	2	SWC-1 at 3844m reprocessed by Morgan (1991) who records key dinoflagellate Cribroperidinium edwardsii.
Copa 1	W5890055	3	Interval from approx. 1660m to 2785m contain non-diagnostic assemblages which are not confidently assigned to either spore-pollen or microplankton zones.
Troas 1	W5920027	1	Micropalaeontology analysis by White (1995) based on 5 cuttings samples between 370–403m from which only very limited assemblages are recorded.
Crayfish A 1	W5670009	1	Micropalaeontology analysis by Taylor (1968) based on cuttings examined between 241m-3168m. Faunas only recovered between 332-363m.

Well Name	UNO	Seq_No	Remarks
Crayfish A 1	W5670009	2	Palynological analysis by Dettmann (1968a,b) based on 28 core, 32 SWC and a single cuttings sample over interval 338m - 3198m.
Crayfish A 1	W5670009	3	Base of C. hughesii Zone of Helby et al. (1987) picked on oldest occurrence of Pilosisporites notensis.
Prawn A 1	W7670002	1	Micropalaeontology analysis based on cuttings examined at 100ft intervals down to 8300 feet and selected SWCs. Total samples examined not stated by Taylor, 1968.
Prawn A 1	W7670002	2	Palynology by Dettmann, 1968, based on 60 SWC and core samples between 1200m–2027m (3938–6651ft) but only limited assemblages documented.
Clam 1	W7690001	1	No micropalaeontological results available in Clam-1.
Clam 1	W7690001	2	Palynology based on three core samples and 38 SWC samples of which 18 were barren.
Clam 1	W7690001	3	Marine microplankton are recorded from the interval 1053m-1263m time equivalent to the Belfast Mudstone and from the Paleocene and younger strata above 824m.
Clam 1	W7690001	4	Microplankton absent from interval 845m-965m assigned to Maastrichtian and Campanian.
Clam 1	W7690001	5	Additional palynological work required on productive samples from following depths: 3159ft C-4; 3164ft C-4; 3455ft SWC-62; 3637ft SWC-61; 4130ft SWC-58; 4134ft SWC-56; 4138ft SWC-54; 4140ft SWC-53; 4144ft SWC-51; 4213ft SWC.
Whelk 1	W7700007	1	Micropalaeontology analysis performed on only 3 SWC samples and reported in Evans 1970.
Whelk 1	W7700007	2	Palynological analysis based on 25 SWC samples and 2 core samples.

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Discovery Bay 1	W3820013	434.0	P1205	A3	H	Z	PALAEO	P	B3	O	1
Discovery Bay 1	W3820013	484.0	P1205	A3	H	Z	PALAEO	A	B1	O	1
Discovery Bay 1	W3820013	560.0	P1205	A3	L	Z	PALAEO	A	B1	O	1
Discovery Bay 1	W3820013	570.0	P1205	A3	L	Z	PALAEO	P	B3	O	1
Discovery Bay 1	W3820013	580.0	P1210	A4	H	Z	PALAEO	P	B1	O	1
Discovery Bay 1	W3820013	660.0	P1210	A4	L	Z	PALAEO	A	B1	O	1
Discovery Bay 1	W3820013	665.0	P1210	A4	L	Z	PALAEO	P	D5	O	1
Discovery Bay 1	W3820013	670.0	P2305	I1	H	Z	PALAEO	P	B3	O	1
Discovery Bay 1	W3820013	675.0	P2305	I1	L	Z	PALAEO	P	B3	O	1
Discovery Bay 1	W3820013	725.0	P2310	I2	M	D	SINGLE DEPTH	P	B3	O	1
Discovery Bay 1	W3820013	758.0	P2315	J	H	Z	PALAEO	P	B5	O	1
Discovery Bay 1	W3820013	778.0	P2315	J	H	Z	PALAEO	A	B2	O	1
Discovery Bay 1	W3820013	782.0	P2315	J	L	Z	PALAEO	P	B5	O	1
Discovery Bay 1	W3820013	778.0	S2100	upper N.asperus	H	Z	PALAEO	P	B5	O	3
Discovery Bay 1	W3820013	786.0	S2105	middle N.asperus	L	Z	PALAEO	P	B5	O	3
Discovery Bay 1	W3820013	854.5	S2110	lower N.asperus	H	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	880.0	S2110	lower N.asperus	L	Z	PALAEO	P	B5	O	3
Discovery Bay 1	W3820013	885.0	S2115	P.asperopolus	H	Y	MIN AGE	P	B5	O	3
Discovery Bay 1	W3820013	891.0	S2130	upper M.diversus	H	Z	PALAEO	P	B5	O	3
Discovery Bay 1	W3820013	1026.0	S2130	upper M.diversus	L	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	1275.5	S2145	lower M.diversus	L	M	MAX AGE	P	B2	O	3
Discovery Bay 1	W3820013	1279.5	S3100	upper T.longus	H	Y	MIN AGE	P	B1	O	3
Discovery Bay 1	W3820013	1426.8	S3105	lower T.longus	L	Z	PALAEO	P	B2	O	3
Discovery Bay 1	W3820013	1525.0	S3110	T.lilliei	H	Z	PALAEO	P	B2	O	3
Discovery Bay 1	W3820013	1562.0	S3110	T.lilliei	L	Z	PALAEO	A	B2	O	3
Discovery Bay 1	W3820013	1719.5	S3110	T.lilliei	L	Z	PALAEO	P	B4	O	3
Discovery Bay 1	W3820013	1749.0	S3115	N.senectus	H	Z	PALAEO	P	B4	O	3
Discovery Bay 1	W3820013	1974.5	M3145	X.australis oci	H	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	2260.0	S3115	N.senectus	L	Z	PALAEO	A	B1	O	3
Discovery Bay 1	W3820013	2590.0	S3115	N.senectus	L	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	2670.0	M3145	X.australis oci	L	Z	PALAEO	P	B2	O	3
Discovery Bay 1	W3820013	2738.0	M3160	N.aceras ocii	M	D	SINGLE DEPTH	P	B3	O	3
Discovery Bay 1	W3820013	2633.5	S3120	T.apoxyexinus	H	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	2753.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B1	O	3

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Discovery Bay 1	W3820013	2776.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B1	O	3
Discovery Bay 1	W3820013	2776.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	3
Discovery Bay 1	W3820013	664.0	FS120	Gambier Limestone	L	F	FORMATION	P	H9	O	3
Discovery Bay 1	W3820013	880.0	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	3
Discovery Bay 1	W3820013	1279.0	FS130	Sherbrook Group	H	F	FORMATION	P	H9	O	3
Pecten 1A	W3670001	802.2	S2130	upper M.diversus	L	M	MAX AGE	P	B3	O	1
Pecten 1A	W3670001	999.7	S2145	lower M.diversus	L	M	MAX AGE	P	B3	O	1
Pecten 1A	W3670001	1024.7	S2155	upper L.balmei	L	M	MAX AGE	P	B3	O	1
Pecten 1A	W3670001	1102.8	S2160	lower L.balmei	M	D	SINGLE DEPTH	P	B2	O	2
Pecten 1A	W3670001	1138.4	S3100	upper T.longus	H	Z	PALAEO	P	B4	O	3
Pecten 1A	W3670001	1191.2	S3110	T.lilliei	H	Z	PALAEO	P	B4	O	3
Pecten 1A	W3670001	1232.6	S3110	T.lilliei	L	Z	PALAEO	A	B2	O	4
Pecten 1A	W3670001	1369.5	S3110	T.lilliei	L	Z	PALAEO	P	B4	O	4
Pecten 1A	W3670001	1407.6	S3115	N.senectus	H	Z	PALAEO	P	B2	O	4
Pecten 1A	W3670001	1428.0	M3145	X.australis oci	M	D	SINGLE DEPTH	P	B3	O	4
Pecten 1A	W3670001	1533.1	S3115	N.senectus	L	Z	PALAEO	A	B2	O	4
Pecten 1A	W3670001	1547.8	S3115	N.senectus	L	Z	PALAEO	P	B4	O	4
Pecten 1A	W3670001	1579.5	S3120	T.apoxyexinus	H	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	1722.1	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	1722.1	M3180	O.porifera odii	L	M	MAX AGE	P	B3	O	5
Pecten 1A	W3670001	1748.0	S3125	P.mawsonii	H	Z	PALAEO	P	B2	O	5
Pecten 1A	W3670001	1804.4	S3125	P.mawsonii	L	Z	PALAEO	A	B4	O	5
Pecten 1A	W3670001	1832.8	S3125	P.mawsonii	L	Z	PALAEO	P	B5	O	5
Pecten 1A	W3670001	1876.0	S3140	C.paradoxus	H	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	2255.2	S3140	C.paradoxus	L	Z	PALAEO	A	B2	O	4
Pecten 1A	W3670001	2414.0	S3140	C.paradoxus	L	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	2475.0	S3145	C.striatus	H	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	2783.4	S3145	C.striatus	L	Z	PALAEO	P	B3	O	4
Pecten 1A	W3670001	1055.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	5
Pecten 1A	W3670001	1115.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	5
Pecten 1A	W3670001	1156.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	5
Pecten 1A	W3670001	1606.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	5
Pecten 1A	W3670001	1740.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	5

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Port Campbell 2	W3600002	1627.6	S3120	T.apoxyexinus	H	Z	PALAEO	P	A3	O	1
Port Campbell 2	W3600002	2161.9	M3180	O.porifera odii	H	Z	PALAEO	P	A3	O	1
Port Campbell 2	W3600002	2165.0	M3180	O.porifera odii	L	Z	PALAEO	P	A3	O	1
Port Campbell 2	W3600002	2256.4	M3185	C.striatoconus oe	H	Z	PALAEO	P	A3	O	1
Port Campbell 2	W3600002	2319.5	M3185	C.striatoconus oe	L	Z	PALAEO	P	A1	O	1
Port Campbell 2	W3600002	2377.4	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	D2	O	1
Port Campbell 2	W3600002	2403.3	M3195	P.infusorioides 1ai	H	Z	PALAEO	A	A1	O	1
Port Campbell 2	W3600002	2628.6	S3125	P.mawsonii	L	Z	PALAEO	P	A3	O	1
Port Campbell 2	W3600002	1771.8	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1
Port Campbell 2	W3600002	2339.6	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	1
Port Campbell 2	W3600002	2482.6	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	1
Port Campbell 2	W3600002	2675.2	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	1
Prawn A 1	W7670002	341.4	P1250	D2	M	D	SINGLE DEPTH	P	D5	O	1
Prawn A 1	W7670002	381.0	P1260	E2	M	D	SINGLE DEPTH	P	D5	O	1
Prawn A 1	W7670002	432.8	P1265	F	L	M	MAX AGE	P	B3	O	1
Prawn A 1	W7670002	493.8	P1270	G	L	M	MAX AGE	P	B3	O	1
Prawn A 1	W7670002	553.2	P1275	H	H	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	678.2	P1275	H	L	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	735.2	P2300	I	H	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	743.7	P2300	I	L	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	749.8	P2315	J	L	M	MAX AGE	P	B5	O	1
Prawn A 1	W7670002	764.4	P2330	K	H	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	844.3	P2330	K	L	Z	PALAEO	P	B3	O	1
Prawn A 1	W7670002	1206.1	S2155	upper L.balmei	L	M	MAX AGE	P	A5	O	2
Prawn A 1	W7670002	1255.8	S3100	upper T.longus	H	Y	MIN AGE	P	B5	O	2
Prawn A 1	W7670002	1255.8	M3100	M.druggii oa	H	Y	MIN AGE	P	B5	O	2
Prawn A 1	W7670002	1296.6	M3145	X.australis oci	M	D	SINGLE DEPTH	P	A3	O	2
Prawn A 1	W7670002	1512.4	M3160	N.aceras ocii	L	M	MAX AGE	P	A5	O	2
Prawn A 1	W7670002	1512.4	S3115	N.senectus	L	M	MAX AGE	P	A5	O	2
Prawn A 1	W7670002	1614.8	S3120	T.apoxyexinus	H	Z	PALAEO	P	B5	O	2
Prawn A 1	W7670002	1873.0	M3165	I.cretaceum odi	M	D	SINGLE DEPTH	P	A3	O	2
Prawn A 1	W7670002	2187.5	S3120	T.apoxyexinus	L	Z	PALAEO	P	A5	O	2

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Prawn A 1	W7670002	2218.3	S3125	P.mawsonii	H	Z	PALAEO	P	B5	O	2
Prawn A 1	W7670002	2218.3	M3185	C.striatoconus oe	H	Z	PALAEO	P	B3	O	2
Prawn A 1	W7670002	2224.4	M3185	C.striatoconus oe	L	Z	PALAEO	P	B3	O	2
Prawn A 1	W7670002	2913.9	S3125	P.mawsonii	L	Z	PALAEO	P	B3	O	2
Prawn A 1	W7670002	3008.1	S3135	P.pannosus	H	Z	PALAEO	P	A3	O	3
Prawn A 1	W7670002	3193.4	S3140	C.paradoxus	L	Z	PALAEO	P	A3	O	3
Prawn A 1	W7670002	942.4	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1182.0	FS125	Dilwyn Formation	L	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1206.1	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1252.7	FS160	Pebble point Formation	L	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1252.7	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1255.8	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	1268.6	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	2147.3	FS170	Paaratte Formation	L	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	2276.9	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	2944.4	FS185	Waarre Sandstone	L	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	2944.4	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	2
Prawn A 1	W7670002	3193.4	FS135	Eumeralla Group	L	F	FORMATION	P	H9	O	2
Triton 1	W3820002	270.0	P1255	E1	H	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	370.0	P1260	E2	L	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	560.0	P1265	F	H	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	600.0	P1265	F	L	Z	PALAEO	P	D2	O	1
Triton 1	W3820002	650.0	P1270	G	H	Z	PALAEO	P	D5	O	1
Triton 1	W3820002	700.0	P1270	G	H	Z	PALAEO	A	D2	O	1
Triton 1	W3820002	900.0	P1270	G	L	Z	PALAEO	A	D2	O	1
Triton 1	W3820002	950.0	P1270	G	L	Z	PALAEO	P	D2	O	2
Triton 1	W3820002	1000.0	P1280	H1	H	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	1065.0	P1280	H1	L	Z	PALAEO	P	D5	O	2
Triton 1	W3820002	1460.0	P2300	I	H	Z	PALAEO	P	D5	O	2
Triton 1	W3820002	1590.0	P2300	I	H	Z	PALAEO	A	D3	O	1
Triton 1	W3820002	1605.0	P2300	I	L	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	1650.0	P2320	J1	H	Z	PALAEO	P	D2	O	1
Triton 1	W3820002	1690.0	P2320	J1	L	Z	PALAEO	P	D2	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Triton 1	W3820002	1710.0	P2325	J2	H	Z	PALAEO	P	D1	O	1
Triton 1	W3820002	1715.0	P2325	J2	L	Z	PALAEO	A	D1	O	1
Triton 1	W3820002	1720.0	P2325	J2	L	Z	PALAEO	P	D3	O	1
Triton 1	W3820002	1700.0	S2100	upper N.asperus	H	Z	PALAEO	P	D3	O	2
Triton 1	W3820002	1715.0	S2100	upper N.asperus	L	Z	PALAEO	P	D4	O	2
Triton 1	W3820002	1720.0	S2130	upper M.diversus	L	M	MAX AGE	P	D3	O	2
Triton 1	W3820002	1740.0	S3100	upper T.longus	H	Y	MIN AGE	P	D3	O	2
Triton 1	W3820002	1760.0	S3115	N.senectus	H	Y	MIN AGE	P	D3	O	2
Triton 1	W3820002	1760.0	M3145	X.australis oci	H	Z	PALAEO	P	D3	O	2
Triton 1	W3820002	1895.0	M3145	X.australis oci	L	Z	PALAEO	A	D2	O	2
Triton 1	W3820002	2095.0	M3145	X.australis oci	L	Z	PALAEO	P	D3	O	2
Triton 1	W3820002	2495.0	M3160	N.aceras ocii	H	Y	MIN AGE	P	D3	O	2
Triton 1	W3820002	2810.0	M3160	N.aceras ocii	L	M	MAX AGE	P	D3	O	2
Triton 1	W3820002	2975.0	M3165	I.cretaceum odi	L	M	MAX AGE	P	D3	O	2
Triton 1	W3820002	3225.0	S3125	P.mawsonii	H	Z	PALAEO	P	D3	O	2
Triton 1	W3820002	3225.0	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	D3	O	2
Triton 1	W3820002	3360.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	A	D3	O	2
Triton 1	W3820002	3530.0	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	D5	O	2
Triton 1	W3820002	3530.0	S3125	P.mawsonii	L	Z	PALAEO	P	D5	O	2
Troas 1	W5920027	376.0	P1131	N12	H	Y	MIN AGE	P	D5	O	1
Troas 1	W5920027	394.0	P1160	N4	L	M	MAX AGE	P	D5	O	2
Troas 1	W5920027	400.0	P2315	J	H	Y	MIN AGE	P	D3	O	1
Trumpet 1	W5730005	851.0	S3145	C.striatus	H	Z	PALAEO	P	B2	O	1
Trumpet 1	W5730005	1007.7	S3145	C.striatus	L	Z	PALAEO	P	B2	O	2
Trumpet 1	W5730005	1140.0	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	B3	O	2
Trumpet 1	W5730005	1320.7	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	A2	O	2
Trumpet 1	W5730005	1404.5	S3155	F.wonthaggiensis	H	Z	PALAEO	P	B4	O	2
Trumpet 1	W5730005	1462.7	S3155	F.wonthaggiensis	L	Z	PALAEO	P	B4	O	2
Trumpet 1	W5730005	1524.6	S3165	C.australiensis	H	Z	PALAEO	P	B3	O	2
Trumpet 1	W5730005	2240.3	S3165	C.australiensis	L	M	MAX AGE	P	B3	O	2
Voluta 1	W3670003	313.9	P1270	G	M	D	SINGLE DEPTH	P	B3	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Voluta 1	W3670003	341.4	P1275	H	M	D	SINGLE DEPTH	P	D3	O	1
Voluta 1	W3670003	371.9	P2300	I	H	Z	PALAEO	P	D3	O	1
Voluta 1	W3670003	402.3	P2300	I	L	Z	PALAEO	P	D3	O	1
Voluta 1	W3670003	798.0	P2315	J	H	Z	PALAEO	P	B3	O	1
Voluta 1	W3670003	810.8	P2315	J	L	Z	PALAEO	P	A3	O	1
Voluta 1	W3670003	818.1	P2330	K	H	Y	MIN AGE	P	B3	O	1
Voluta 1	W3670003	1265.2	S2145	lower M.diversus	H	Y	MIN AGE	P	B4	O	2
Voluta 1	W3670003	1300.6	S2155	upper L.balmei	M	D	SINGLE DEPTH	P	B4	O	2
Voluta 1	W3670003	1332.0	S2160	lower L.balmei	M	D	SINGLE DEPTH	P	B4	O	2
Voluta 1	W3670003	1391.7	S3100	upper T.longus	H	Z	PALAEO	P	B5	O	2
Voluta 1	W3670003	1511.2	S3110	T.lilliei	H	Z	PALAEO	P	A2	O	2
Voluta 1	W3670003	1670.6	S3110	T.lilliei	L	Z	PALAEO	P	A2	O	2
Voluta 1	W3670003	1685.5	S3115	N.senectus	H	Z	PALAEO	P	B2	O	2
Voluta 1	W3670003	2070.5	S3115	N.senectus	L	Z	PALAEO	A	A1	O	3
Voluta 1	W3670003	2108.3	M3145	X.australis oci	L	Z	PALAEO	P	B1	O	3
Voluta 1	W3670003	2163.8	S3115	N.senectus	L	Z	PALAEO	P	A4	O	3
Voluta 1	W3670003	2164.4	S3120	T.apoxyexinus	H	Z	PALAEO	P	A3	O	3
Voluta 1	W3670003	2165.0	M3160	N.aceras ocii	L	Z	PALAEO	P	A3	O	3
Voluta 1	W3670003	2231.1	M3165	I.cretaceum odi	H	Z	PALAEO	P	B3	O	3
Voluta 1	W3670003	2506.7	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	3
Voluta 1	W3670003	2571.9	M3180	O.porifera odii	H	Z	PALAEO	P	B3	O	2
Voluta 1	W3670003	2626.5	M3180	O.porifera odii	L	Z	PALAEO	A	A3	O	2
Voluta 1	W3670003	2672.5	M3180	O.porifera odii	L	Z	PALAEO	P	A5	O	2
Voluta 1	W3670003	2713.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	3
Voluta 1	W3670003	3654.2	S3125	P.mawsonii	L	M	MAX AGE	P	A3	O	2
Voluta 1	W3670003	839.4	FS125	Dilwyn Formation	H	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	1303.0	FS160	Pebble point Formation	H	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	1327.1	FS160	Pebble point Formation	L	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	1327.1	FE190	T-1 Shale	H	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	1356.4	FE190	T-1 Shale	L	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	1563.0	FS170	Paaratte Formation	H	F	FORMATION	P	H9	O	2
Voluta 1	W3670003	2279.9	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	2
Whelk 1	W7700007	302.1	P1275	H	M	D	SINGLE DEPTH	P	B3	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Whelk 1	W7700007	306.6	P2300	I	M	D	SINGLE DEPTH	P	B5	O	1
Whelk 1	W7700007	342.9	P2315	J	M	D	SINGLE DEPTH	P	B5	O	1
Whelk 1	W7700007	392.9	E2020	"T.pandus"	M	D	SINGLE DEPTH	P	B3	O	2
Whelk 1	W7700007	354.2	S2105	middle N.asperus	M	D	SINGLE DEPTH	P	B2	O	2
Whelk 1	W7700007	392.9	S2110	lower N.asperus	H	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	422.1	E2030	"T.tricornus"	H	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	435.3	E2030	"T.tricornus"	L	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	435.3	S2110	lower N.asperus	L	Z	PALAEO	P	B4	O	2
Whelk 1	W7700007	445.0	M2145	K.edwardsii	H	Y	MIN AGE	P	D5	O	2
Whelk 1	W7700007	445.6	S2115	P.asperopolus	H	Z	PALAEO	P	B1	O	2
Whelk 1	W7700007	452.9	S2115	P.asperopolus	L	Z	PALAEO	P	B1	O	2
Whelk 1	W7700007	457.5	S2130	upper M.diversus	H	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	485.9	S2130	upper M.diversus	L	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	489.5	S2135	middle M.diversus	M	D	SINGLE DEPTH	P	B5	O	2
Whelk 1	W7700007	518.8	S2145	lower M.diversus	H	Z	PALAEO	P	B5	O	2
Whelk 1	W7700007	575.5	S2145	lower M.diversus	H	Z	PALAEO	A	B3	O	2
Whelk 1	W7700007	599.5	S2145	lower M.diversus	L	Z	PALAEO	P	B5	O	2
Whelk 1	W7700007	627.9	S2155	upper L.balmei	M	D	SINGLE DEPTH	P	B3	O	2
Whelk 1	W7700007	729.1	S3100	upper T.longus	H	Z	PALAEO	P	B2	O	2
Whelk 1	W7700007	729.1	M3100	M.druggii oa	H	Z	PALAEO	P	B2	O	2
Whelk 1	W7700007	753.8	M3100	M.druggii oa	L	Z	PALAEO	P	B1	O	2
Whelk 1	W7700007	753.8	S3100	upper T.longus	L	Z	PALAEO	P	B2	O	2
Whelk 1	W7700007	769.9	S3110	T.lilliei	H	Z	PALAEO	P	B2	O	2
Whelk 1	W7700007	769.9	M3135	I.korojonense ob	H	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	832.7	S3110	T.lilliei	L	Z	PALAEO	A	B2	O	2
Whelk 1	W7700007	919.0	S3110	T.lilliei	L	Z	PALAEO	P	B4	O	2
Whelk 1	W7700007	970.2	S3115	N.senectus	H	Z	PALAEO	P	B4	O	2
Whelk 1	W7700007	1004.9	M3145	X.australis oci	M	D	SINGLE DEPTH	P	B3	O	2
Whelk 1	W7700007	1096.4	S3115	N.senectus	L	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	1096.4	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	1208.2	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	O	2
Whelk 1	W7700007	1294.8	S3120	T.apoxyexinus	M	D	SINGLE DEPTH	P	B5	O	2
Whelk 1	W7700007	1295.4	M3180	O.porifera odii	L	M	MAX AGE	P	A3	O	2
Whelk 1	W7700007	1307.6	S3125	P.mawsonii	H	Z	PALAEO	P	B3	O	2

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Whelk 1	W7700007	1369.2	S3125	P.mawsonii	L	Z	PALAEO	P	A5	O	2
Pine Lodge 1	W3900017	1030.0	S2145	lower M.diversus	L	Z	PALAEO	P	B1	O	1
Pine Lodge 1	W3900017	1030.0	M2175	A.hyperacanthum	M	D	SINGLE DEPTH	P	B1	O	1
Pine Lodge 1	W3900017	1075.5	S3100	upper T.longus	H	Z	PALAEO	P	B1	O	2
Pine Lodge 1	W3900017	1075.5	M3100	M.druggii oa	M	D	SINGLE DEPTH	P	B1	O	2
Pine Lodge 1	W3900017	1123.5	S3110	T.lilliei	M	D	SINGLE DEPTH	P	B2	O	2
Pine Lodge 1	W3900017	1300.0	M3160	N.aceras ocii	L	M	MAX AGE	P	B3	O	2
Pine Lodge 1	W3900017	1624.0	M3165	I.cretaceum odi	M	D	SINGLE DEPTH	P	B3	O	2
Pine Lodge 1	W3900017	1789.0	S3120	T.apoxyexinus	L	M	MAX AGE	P	B5	O	2
Pine Lodge 1	W3900017	1885.0	S3125	P.mawsonii	H	Z	PALAEO	P	D5	O	2
Pine Lodge 1	W3900017	2041.0	S3125	P.mawsonii	H	Z	PALAEO	A	B3	O	1
Pine Lodge 1	W3900017	2030.0	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B3	O	1
Pine Lodge 1	W3900017	2087.0	S3125	P.mawsonii	L	Z	PALAEO	P	B3	O	1
Pine Lodge 1	W3900017	2109.0	S3135	P.pannosus	H	Z	PALAEO	P	B5	O	2
Pine Lodge 1	W3900017	2110.0	S3135	P.pannosus	H	Z	PALAEO	A	D3	O	2
Pine Lodge 1	W3900017	2135.0	S3135	P.pannosus	L	Z	PALAEO	P	B3	O	2
Mount Salt 1	W5620006	1122.3	M3145	X.australis oci	H	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	1383.2	M3145	X.australis oci	L	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	1535.9	M3160	N.aceras ocii	H	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	1673.4	M3160	N.aceras ocii	L	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	1764.8	M3165	I.cretaceum odi	H	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	2129.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	A3	O	2
Mount Salt 1	W5620006	3059.0	M3195	P.infusorioides 1ai	H	Y	MIN AGE	P	A3	O	4
Mount Salt 1	W5620006	3059.0	S3125	P.mawsonii	L	M	MAX AGE	P	A2	O	3
Lake Bonney 1	W5670008	2380.0	S3125	P.mawsonii	M	D	SINGLE DEPTH	P	A2	O	1
Lake Bonney 1	W5670008	2380.0	M3195	P.infusorioides 1ai	M	D	SINGLE DEPTH	P	A2	O	1
Lake Bonney 1	W5670008	2908.0	S3140	C.paradoxus	H	Y	MIN AGE	P	A5	O	2
Lake Bonney 1	W5670008	2720.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	2
Loch Ard 1	W3930014	402	M3145	X.australis oci	H	Z	PALAEO	P	B2	O	1
Loch Ard 1	W3930014	402	S3115	N.senectus	H	Z	PALAEO	P	B2	O	1

Well Name	UNO	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Loch Ard 1	W3930014	489	M3145	X.australis oci	L	Z	PALAEO	P	B2	O	1
Loch Ard 1	W3930014	489	S3115	N.senectus	L	Z	PALAEO	A	B2	O	1
Loch Ard 1	W3930014	534	S3115	N.senectus	L	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	534	M3160	N.aceras ocii	M	D	SINGLE DEPTH	P	B3	O	1
Loch Ard 1	W3930014	575	S3120	T.apoxyexinus	H	Z	PALAEO	P	B2	O	1
Loch Ard 1	W3930014	575	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	O	1
Loch Ard 1	W3930014	650	M3165	I.cretaceum odi	L	Z	PALAEO	P	D4	O	1
Loch Ard 1	W3930014	762	M3180	O.porifera odii	H	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	788	S3120	T.apoxyexinus	L	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	820	M3180	O.porifera odii	L	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	837	S3125	P.mawsonii	H	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	915	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	D5	O	1
Loch Ard 1	W3930014	1200	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B3	O	1
Loch Ard 1	W3930014	1200	S3125	P.mawsonii	L	Z	PALAEO	P	B2	O	1
Loch Ard 1	W3930014	1344	S3140	C.paradoxus	H	Z	PALAEO	P	D3	O	1
Loch Ard 1	W3930014	1206	FS135	Eumeralla Group	H	F	FORMATION	P	H9	O	1
Loch Ard 1	W3930014	1048	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	O	1
Loch Ard 1	W3930014	878	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	O	1
Loch Ard 1	W3930014	556	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	O	1

Well Name	UNO	Code	Descrip
Port Campbell 2	W3600002	1	Partridge, A.D., 1996. Palynological review of the type sections of the Belfast Mudstone, Flaxman and Waarre Formations in the Port Campbell Embayment, Otway Basin. Biostrata Report 1996/1.
Pecten 1A	W3670001	1	Muller, J., 1967. Palynological examination of Tertiary samples from well Pecten 1A, Otway Basin, Australia. Appendix in Well Completion report, 2p.
Pecten 1A	W3670001	2	Dettmann, M.E., 1967 (20 September). Palynological report on Pecten 1A well, 3618 feet - 3833 feet. Appendix Xc in Well Completion Report.
Pecten 1A	W3670001	3	Dettmann, M.E., 1967 (4 September). Palynological report on Shell Pecten 1A well, 3735 feet and 3908 feet. Appendix Xb in Well Completion Report, 3p.
Pecten 1A	W3670001	4	Dettmann, M.E., 1967 (30 August). Palynological report on Shell Pecten 1A well, 4044 feet-9305 feet. Appendix Xa in well completion report, 17p.
Pecten 1A	W3670001	5	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Voluta 1	W3670003	1	Shell Development (Aust.) Pty. Ltd. Geological Laboratory, 1968. Palaeontology Report Voluta-1 well. Appendix 5 in well completion report. 10p.
Voluta 1	W3670003	2	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Voluta 1	W3670003	3	Dettmann, M.E., 1968 (18 March). Palynological report on Voluta-1 well 4151 feet - 13,020 feet. Appendix 6 in well completion report, 28p.
Triton 1	W3820002	1	Rexilius, J.P., 1982 (July). Foraminiferal analysis of Triton-1 and Triton-1 Sidetrack, Otway Basin. EAL Palaeo. Rept. 1982/25.
Triton 1	W3820002	2	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Discovery Bay 1	W3820013	1	Taylor, D., 1982 (17 November). Foraminiferal sequence in Discovery Bay #1. Report for Phillips Australian Oil Company. 10p., 5 tables.
Discovery Bay 1	W3820013	2	Harris, W.K., 1983. Discovery Bay No.1 Well, Otway Basin. Report for Phillips Australian Oil Company.
Discovery Bay 1	W3820013	3	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Pine Lodge 1	W3900017	1	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Pine Lodge 1	W3900017	2	Morgan, R., 1990 (November). Palynology of Gas and Fuel Pine Lodge-1, Otway Basin, Australia. Report for Gas and Fuel, 12p., range chart.
Mount Salt 1	W5620006	1	Ludbrook, N.L., 1971. Chapter 3. Stratigraphy and correlation of marine sediments on the Western part of the Gambier Embayment. Spec. Bull. Geol. Survs. S.Aust. & Vict., p.47-66.

Well Name	UNO	Code	Descrip
Mount Salt 1	W5620006	2	Evans, P.R., 1966. Mesozoic stratigraphy of the Otway Basin. BMR Record 1966/69, p.1-45, pls.1-3.
Mount Salt 1	W5620006	3	Alley, N.F., 1984. Palynostratigraphy of Argonaut-A1, Lake Bonney-1 and Kalangadoo-1 wells, Otway Basin. Dept. Mines Energy S.A., Rept. Bk No. 84/100; Biostrat Rept. No. 11/84, 25p., 5 tables, 4 figs.
Mount Salt 1	W5620006	4	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Lake Bonney 1	W5670008	1	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Lake Bonney 1	W5670008	2	Alley, N.F., 1984. Palynostratigraphy of Argonaut-A1, Lake Bonney-1 and Kalangadoo-1 wells, Otway Basin. Dept. Mines Energy S.A., Rept. Bk No. 84/100; Biostrat Rept. No. 11/84, 25p., 5 tables, 4 figs.
Trumpet 1	W5730005	1	Stover, L.E., 1974 (March). Palynological determinations for Trumpet-1, Otway Basin, Australia. EAL Palaeo. Rept. 1974/06, 5p. (EPR.18ES.74)
Trumpet 1	W5730005	2	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Troas 1	W5920027	1	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Troas 1	W5920027	2	White, M.R., 1995 Micropalaeontological analysis of 26 petroleum wells in the Gambier Basin, South Australia. Dept. Mines & Energy S.A., Report Book 95/6. p.1-122, figs.1-8, pl.1, Appendixes 1-3.
Prawn A 1	W7670002	1	Taylor, D.J., 1968 (April). Biostratigraphic summary Prawn A-1 well Otway Basin. 12p. 1 fig.
Prawn A 1	W7670002	2	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Prawn A 1	W7670002	3	Dettmann, M.E., 1968 (10 July). Palynological report on Esso Prawn A-1 well, 3204-10,477 feet. 4p.
Whelk 1	W7700007	1	Evans, P.R., 1970. Palynology of Esso Welk No.1, Otway Bsin. EAL Palaeo. Rept. 1970/8, 6p.
Whelk 1	W7700007	2	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Loch Ard 1	W3930014	1	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.

OT2_RMKS

Well Name	UNO	Seq_No	Remarks
Breaksea Reef 1	W5830001	1	Palynological analysis by Morgan (1984) based on 84 SWC and 8 cuttings samples.
Breaksea Reef 1	W5830001	2	Samples below 3120m, although moderately diverse assemblages, lack key spore pollen and microplankton needed for confident zone assignment.
Mount Salt 1	W5620006	1	Foraminiferal assemblages recorded by Ludbrook (1971) cannot be confidently assigned to current foram zonations used in STRATDAT.
Mount Salt 1	W5620006	2	The questionable assignment of cores 26-33 between 2278m to 3002m to I.cretaceum Zone by Evans (1966) is not accepted as it conficts with later palynological results from adjacent wells.
Mount Salt 1	W5620006	3	The assemblage recorded from core 34 by Alley (1984) can be no younger than the top of the P.infusorioides Zone and no older than the P.mawsonii Zone.

Well Name	UNO	Depth (ft)	Depth (m)	Datum Code	Datum	Hi/Lo	Pick Code	Pick	Pref/Alt	Conf Code	Sec	Ref Code
Crayfish A 1	W5670009	1090	332.2	P2300	I1	H	Y	MIN AGE	P	D3	O	1
Crayfish A 1	W5670009	1100	335.3	P2315	J	H	Y	MIN AGE	P	D3	O	1
Crayfish A 1	W5670009	1192	363.3	S2155	upper L. balmei	M	D	SINGLE DEPTH	P	B2	O	2
Crayfish A 1	W5670009	1239	377.6	S3120	T.apoxyexinus	H	Z	PALAEO	P	B2	O	3
Crayfish A 1	W5670009	1239	377.6	M3160	N.aceras ocii	H	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1245	379.5	M3160	N.aceras ocii	L	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1250	381.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1305	397.8	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1305	397.8	S3120	T.apoxyexinus	L	Z	PALAEO	P	B2	O	3
Crayfish A 1	W5670009	1473	449.0	S3125	P.mawsonii	H	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1515	461.8	S3125	P.mawsonii	L	Z	PALAEO	P	B3	O	3
Crayfish A 1	W5670009	1600	487.7	S3135	P.pannosus	H	Z	PALAEO	P	D3	O	3
Crayfish A 1	W5670009	1700	518.2	S3135	P.pannosus	L	Z	PALAEO	P	D3	O	3
Crayfish A 1	W5670009	1800	548.6	S3140	C.paradoxus	H	Z	PALAEO	P	D3	O	3
Crayfish A 1	W5670009	2773	845.2	S3140	C.paradoxus	H	Z	PALAEO	A	A1	O	3
Crayfish A 1	W5670009	3014	918.7	S3140	C.paradoxus	L	Z	PALAEO	A	B2	O	3
Crayfish A 1	W5670009	3297	1004.9	S3140	C.paradoxus	L	Z	PALAEO	P	A3	O	4
Crayfish A 1	W5670009	3685	1123.2	S3145	C.striatus	H	Z	PALAEO	P	A2	O	4
Crayfish A 1	W5670009	4452	1357.0	S3145	C.striatus	L	Z	PALAEO	P	B2	O	3
Crayfish A 1	W5670009	4608	1404.5	S3150	C.hughesii (ex F.wonthag.)	H	Z	PALAEO	P	B2	O	5
Crayfish A 1	W5670009	5017	1529.2	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	A	A2	O	5
Crayfish A 1	W5670009	5736	1748.3	S3150	C.hughesii (ex F.wonthag.)	L	Z	PALAEO	P	B4	O	5
Crayfish A 1	W5670009	5579	1700.5	S3155	F.wonthaggiensis	H	Z	PALAEO	P	A2	O	5
Crayfish A 1	W5670009	5588	1703.2	S3155	F.wonthaggiensis	H	Z	PALAEO	A	A3	O	4
Crayfish A 1	W5670009	8780	2676.1	S3155	F.wonthaggiensis	L	Z	PALAEO	P	B3	O	4
Crayfish A 1	W5670009	9094	2771.9	S3165	C.australiensis	H	Z	PALAEO	P	A3	O	4
Crayfish A 1	W5670009	10481	3194.6	S3165	C.australiensis	L	M	MAX AGE	P	A3	O	4
Langley 1			895.0	S2160	lower L.balmei	M	D	SINGLE DEPTH	P	B2	C	1
Langley 1			895.0	M2190	P.pyrophorum	M	D	SINGLE DEPTH	P	B3	C	1
Langley 1			916.0	S3100	upper T.longus	M	D	SINGLE DEPTH	P	B1	C	1
Langley 1			1291.0	S3115	N.senectus	H	Z	PALAEO	P	B1	C	1
Langley 1			1325.0	S3115	N.senectus	L	Z	PALAEO	P	B2	C	1
Langley 1			1516.0	S3120	T.apoxyexinus	H	Z	PALAEO	P	B1	C	1
Langley 1			1516.0	M3165	I.cretaceum odi	H	Z	PALAEO	P	B2	C	1
Langley 1			1677.0	M3165	I.cretaceum odi	L	Z	PALAEO	P	B3	C	1

Langley 1			1692.0	M3180	O.porifera odii	L	Z	PALAEO	P	B3	C	1
Langley 1			1692.0	S3120	T.apoxyexinus	L	Z	PALAEO	P	B4	C	1
Langley 1			1701.0	S3125	P.mawsonii	H	Z	PALAEO	P	B1	C	1
Langley 1			1701.0	M3185	C.striatoconus oe	M	D	SINGLE DEPTH	P	B2	C	1
Langley 1			1712.5	M3195	P.infusorioides 1ai	H	Z	PALAEO	P	B4	C	1
Langley 1			1825.5	M3195	P.infusorioides 1ai	L	Z	PALAEO	P	B3	C	1
Langley 1			1825.5	S3125	P.mawsonii	L	Z	PALAEO	P	B4	C	1
Langley 1			1855.0	S3135	P.pannosus	H	Z	PALAEO	P	B4	C	1
Langley 1			1989.0	S3135	P.pannosus	L	Z	PALAEO	P	B1	C	1
Langley 1			892.0	FE190	T-1 Shale	H	F	FORMATION	P	H9	C	1
Langley 1			917.0	FE190	T-1 Shale	L	F	FORMATION	P	H9	C	1
Langley 1			1555.0	FS175	Belfast Mudstone	H	F	FORMATION	P	H9	C	1
Langley 1			1716.0	FS180	Flaxmans Formation	H	F	FORMATION	P	H9	C	1
Langley 1			1731.0	FS185	Waarre Sandstone	H	F	FORMATION	P	H9	C	1
Langley 1			1826.0	FS135	Eumeralla Group	H	F	FORMATION	P	H9	C	1

Well Name	UNO	Code	Description
Crayfish A 1	W5670009	1	Taylor, D., 1968 (4 January). Foraminiferal Biostrigraphy - Esso Crayfish A-1 well, Otway Basin, South Australia. 2p.
Crayfish A 1	W5670009	2	Dettmann, M.E., 1968 (20 March). Summary of palynological observations on Esso Crayfish A-1 well, 1110-10,493 feet. 4p.
Crayfish A 1	W5670009	3	Dettmann, M.E., 1968 (11 April). Palynology report on Esso Crayfish A-1 well, 1110-10,493 feet. 31p.
Crayfish A 1	W5670009	4	Morgan, R., 1985. Palynology of Crayfish-1. Report for Ultramar Australia. 11p. (no range charts).
Crayfish A 1	W5670009	5	Partridge, A.D., 1996b. Interpretation of STRATDAT datums from palaeontological range charts available as Basic Data on open file.
Langley 1		1	Partridge, A.D., 1994 (12 September). Palynological analysis of Langley-1, Port Campbell Embayment, Otway Basin. Biostrata Pty Ltd 1994/11, 1-28.