

DEPTH (m)	SIDE-WALL CORES	Spores
2335		<i>Acanthotriletes</i> sp. P
2356		<i>Apiculatisporites</i> sp. P
2363		<i>Aequitriletes spinulosus</i> 1 K
2402		<i>Baculatisporites comauensis</i> 1
2460		<i>B. disconformis</i> 3
2475	A	<i>Balmeisporites holodictyus</i> 1 K
2495	cf	<i>Ceratosporites equalis</i> 1
2501		<i>Clavifera triplex</i> 2
2502		<i>Cyathidites australis</i> 1
2502		<i>C. minor</i> 1
2502		<i>Cyatheacidites annulatus</i> 3
2502		<i>Gleicheniidites circinidites</i> 1
2502		<i>Klukisporites scaberis</i> 1 K
2502		<i>Kraueselisporites jubatus</i> 2
2502		<i>Laevigatosporites ovatus</i> 1
2502		<i>Latrobospores amplus</i> 3
2502		<i>L. crassus</i> 3
2502		<i>Leptolepidites verrucatus</i> 1 K
2502		<i>Lycopodiumsporites</i> sp.
2502		<i>Rugulatisporites mallatus</i> 3
2502		<i>Stereisporites antiquasporites</i> 1
2502		<i>S. regium</i> 3
2502		<i>Verrucosisporites kopukuensis</i> 3
2502		CYNOGEMERALS
2502		<i>Alisporites</i> spp.
2502		<i>Araucariacites australis</i> 1
2502		<i>Barakarites</i> sp. P
2502		<i>Liggistepollenites balmei</i> 3
2502		<i>L. ellipticus</i> 3
2502		<i>L. florinii</i> 3
2502		<i>Michrocachyidites antarcticus</i> 1
2502		<i>Phyllocladidites mawsonii</i> 3
2502		<i>Podocarpidites</i> spp.
2502		<i>Podosporites microsaccatus</i> 1
2502		<i>Tsugaepollenites</i> sp. K
2502		ANGIOSPERMS
2502		<i>Australopollis obscurus</i> 3
2502		<i>Dilwynites granulatus</i> 3
2502		<i>Gambierina rufata</i> 3
2502		<i>Gephyrapollenites wahooensis</i> 3
2502		<i>Haloragacidites harrisii</i> 3
2502		<i>Intratriripopolollenites notabilis</i> 3
2502		<i>Malvacipollis</i> sp. 3
2502		<i>Myrtaceidites</i> sp. 3
2502		<i>Nothofagidites asperus</i> 3
2502		<i>N. brachyspinulosus</i> 3
2502		<i>N. emarginatus</i> 3
2502		<i>N. endurus</i> 3
2502		<i>N. flemingii</i> 3
2502		<i>N. vansteenisii</i> 3
2502		<i>Nothofagidites</i> sp.
2502		<i>Proteacidites adenanthoides</i> 3
2502		<i>P. angulatus</i> 3
2502		<i>P. leightonii</i> 3
2502		<i>P. pachypodus</i> 3
2502		PROTEACIDITES spp.
2502		<i>Tricolpites confessus</i>
2502		<i>T. gillii</i>
2502		<i>Tricolporites lilliei</i>
2502		<i>Triporopollenites sectilis</i>
2502		Unidentified tricolporate/tricolporates
2502		DINOFLAGELLATES
2502		<i>Areosphaeridium dikyoplakos</i> 4
2502		<i>A. capricornum</i> 4
2502		<i>Cleistosphaeridium</i> sp.
2502		<i>Corrudinium incompositum</i> 4
2502		<i>Isabelidinium druggii</i> 4
2502		<i>Lingulodinium machaerophorum</i> 4
2502		<i>Operculodinium centrocarpum</i> 4
2502		<i>Operculodinium</i> sp.
2502		<i>Spiniferites ramosus</i> 4
2502		<i>Spiniferites</i> sp.
2502		<i>Systematophora placacantha</i> 4
2502		Unidentified dinoflagellates
Z Z	Z Z	Spore pollen concentration
Z Z	Z Z Z Z Z Z	Spore pollen preservation
0 0	0 0 0 0 0 0	Abundance of plant tissue
		Dinoflageilate concentration
		Dinoflagellate preservation
3138	R R	Middle <i>N. asperus</i>
3138	R	<i>C. incompositum</i>
3138	R	Indeterminate
3138	R	<i>M. diversus/P. asperopolis</i>
3138	R	Indeterminate
3138	R	<i>L. balmei</i>
3138	R	<i>T. longus</i>
3138	R	<i>I. druggii*</i>
3138	R	?
3138	R	Indeterminate

### REFERENCES

1. Dettmann, 1963
2. Dettmann & Playford, 1968
3. Stover & Partridge, 1973
4. Lentin & Williams, 1977

### KEY TO SYMBOLS

- A abundant or common in the assemblage  
C Contaminant  
K Early Cretaceous spore/pollen  
P Permian spore/pollen  
R Reworked
- Ø abundant, above average  
O average  
÷ poor, below average  
Z exceedingly poor, trace occurrence

\* see text for further explanation

### TABLE 1 SPORES, POLLEN and DINOFLAGELLATES IDENTIFIED IN AUSTRALIAN AQUITANE PETROLEUM OMEO-2