

SIDEWALL CORES † Depth in metres		SPORES										DINOFLAGELLATE ZONES										AGE			
		Baculatisporites comamensis 1	Ceratosporites equalis 1	Cyatricosporites austriensis 1	Densisporites sp.*	Foveolites parvretus 1*	Gleicheniidites cf. G. circinidites 1	Klukisporites scalaris 1*	Laebosporites ovatus 1	Latrobosporites amplius 3	L. ohaiensis 3	Lepolepidites major 3*	Lycopodiumsporites spp.	Ornamentifera sp.	Pilosporites notensis 1*	Rugulatisporites sp.	Rugulatisporites mallatus 3	Rugulatisporites sp.	Stereosporites antiquasporites 1	Triletes of T. tuberculiformis 1	Trilebosporites trioculiculatus 1	Verrucosporites kopukensis 3	Zygospores sp.	AGE	
2596.0																									
2602.0																									
2608.0																									
2630.0																									
2643.0																									
2652.0																									
2659.0																									
2670.0																									
2688.0																									
2702.0																									
2727.0																									
2746.0																									
2782.0																									
2803.0																									
2817.5																									
2835.0																									
2855.0																									
2873.0																									
2889.0																									
2900.0																									
2917.0																									
2933.0																									
2953.5																									
2965.0																									
2966.3																									
2998.0																									
3045.0																									
3100.0																									
3133.0																									
3168.0																									
3195.0																									
3214.0																									
3225.5																									
3248.5																									
3309.0																									
3325.0																									
3362.0																									
3367.0																									
3380.5																									
3390.5																									
3413.0																									
3446.0																									
3450.0																									
3465.5																									

Reference to the Species:

TABLE 1: SPORES, POLLEN and DINOFLAGELLATES IDENTIFIED IN HELIOS # 1.

The following samples were barren and not listed - 2622m, 2937  
 2662 2961  
 2665 2974  
 2680 2983  
 2686 2990  
 2735

1. Dettmann, 1963

2. Dettmann & Playford, 1968

3. Stover & Partridge, 1973

4. Couper, 1960

5. Lentin & Williams, 1977

6. Stover & Evitt, 1978

7. Deflandre & Cookson, 1955

8. Foster, 1979

9. Martin, 1973

10. Cookson & Pike, 1953

\* Reworked Permian (Barakarites

sp only) and Early Cretaceous

See text for further

explanation.

11. Key to Assessment of Preservation and Abundance

+ Exceptionally good

φ good, above average

o average

‡ poor, below average

12. Dinoflagellates present (more than a trace)

but they do not fit any of the named zones.

Slide listed but not supplied 3481.5m

Helene A Martin, May 1983.

See text for further explanation.

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+ Exceptionally good

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‡ poor, below average

12. Dinoflagellates present (more than a trace)

but they do not fit any of the named zones.

13. Reference to the Zones:

1. LOWER N. ASPERUS

A. DIKYOPLOKUS

M. DIVERSUS

L. BALMEI

E. CRASSITABULATA

T. LONGUS

T. LILLIEI

EOCENE (SAMPLE MIX-UP)

CAMPANIAN

MAASTRICHTIAN