

TABLE 1: SUMMARY PALYNOLOGICAL DATA, THYLACINE-2

RT= 25 m

LOG DEPTH [mBRT]	CORE DEPTH [mBRT]	SAMPLE TYPE	ORGANIC YIELD %1	MICROFOSSIL YIELD	PRESERVATION *2	PERCENTAGE			DIVERSITY *3	ZONE/SUBZONE	EVENT	THYLACINE-1 EQUIVALENT
						SPINY ALG.	MICROPLANKTON (NON-VAL.)	OTHER				
2152.31	2150.34	CORE				30				O. PORIFERA (UPPER)	topsubzone	2090
2157.79	2155.82	CORE				30				O. PORIFERA (UPPER)		
2162.97	2161.00	CORE				40				O. PORIFERA (UPPER)		
2165.97	2164.00	CORE				40				O. PORIFERA (UPPER)		
2173.97	2172.00	CORE				40				O. PORIFERA (UPPER)		
2175.68	2173.71	CORE				30				O. PORIFERA (UPPER)		
2178.34	2176.37	CORE				20				O. PORIFERA (UPPER)		
2189.50	2187.53	CORE				40				O. PORIFERA (UPPER)		
2197.15	2195.95	CORE				40				O. PORIFERA (UPPER)		
2200.86	2198.86	CORE				50				O. PORIFERA (UPPER)		
2200.86	2200.35	CORE				50				O. PORIFERA (UPPER)		
2232.62	2231.06	CORE				50				O. PORIFERA (UPPER)		
2234.77	2233.00	CORE				40				O. PORIFERA (UPPER)		
2236.77	2235.00	CORE				50				O. PORIFERA (UPPER)		
2242.98	2241.47	CORE				5.0				P. INFUSORIOIDES (UPPER (top Adlea		2188
2246.51	2245.00	CORE				15.0				P. INFUSORIOIDES (UPPER c)		
2250.55	2248.73	CORE				2.0				P. INFUSORIOIDES (UPPER (top disjunct l. acuminat		2172
2255.82	2254.00	CORE				10.0				P. INFUSORIOIDES (UPPER (base disjunct l. acuminat		2178
2259.27	2257.45	CORE				2.0				P. INFUSORIOIDES (UPPER c)		
2266.83	2265.00	CORE				4.0				P. INFUSORIOIDES (UPPER (top P. cretaceum		2193
2269.03	2268.20	CORE				5.0				P. INFUSORIOIDES (UPPER b)		
2272.83	2272.00	CORE				5.0				P. INFUSORIOIDES (UPPER b)		
2279.44	2278.61	CORE				5.0				P. INFUSORIOIDES (UPPER b)		
2285.62	2284.79	CORE				5.0				P. INFUSORIOIDES (UPPER (top P. infusoroides influx		2200
2290.83	2290.00	CORE				15.0				P. INFUSORIOIDES (UPPER (top increased dinos		2203
2294.83	2294.00	CORE				15				P. INFUSORIOIDES (UPPER b)		
2303.46	2302.63	CORE				15				P. INFUSORIOIDES (UPPER b)		
2308.71	2307.88	CORE				20				P. INFUSORIOIDES (UPPER b)		
2314.18	2313.35	CORE				20				P. INFUSORIOIDES (UPPER d)		

*1 ORGANIC YLD=VOL%G(WGHT%)		*2 NOTE PRESERVATION (FRAGMENTATION INDEX)		*3 DIVERSITY	
<0.01	EXTREMELY LOW	1 = SUPERB	HIGH	30+ SPECIES	V HIGH
0.01 - 0.10	LOW	2 = EXCELLENT	MOD	20-29 SPECIES	HIGH
0.1 - 0.5	MODERATE	3 = GOOD	LOW	10-19 SPECIES	MOD
>0.5	HIGH	4 = FAIR	EX LOW	5-9 SPECIES	LOW
		5 = POOR		1-4 SPECIES	EX LOW

** NOTE DINOFLAGELLATES ARE TYPICALLY VERY SCARCE IN LATE TRIASSIC SECTION WORLDWIDE AND SO CANNOT BE USED TO SEGREGATE MARINE ENVIRONMENTS WITH THE SAME PRECISION AS IN THE LATE JURASSIC TO RECENT.

*4 ENVIRONMENTS		DINOFLAGELLATE CONTENT %		DINOFLAGELLATE DIVERSITY		FRESHWATER ALGAE CONTENT%	
OFFSHORE MARINE	87 b: 100	VERY HIGH	LOW				
SHELFAL MARINE	34 b: 96	HIGH	*				
NEARSHORE MARINE	11 b: 33	MODERATE	*				
VERY NEARSHORE MARINE	6 b: 10	MODERATE-LOW	*				
BRACKISH MARINE	0	EXTREMELY LOW	*				
NON-MARINE (UNDEF)	0, NO SPINY AC/TARCHS	NIL	LOW <3				
NON-MARINE (LACUSTRINE)	0, NO SPINY AC/TARCHS	NIL	MODERATE 3-10+				

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2189.50	2187.53	CORE	
2197.15	2195.95	CORE	
2222.51	2220.95	CORE	
2229.86	2228.30	CORE	
2232.62	2231.06	CORE	
2234.77	2233.00	CORE	
2236.77	2235.00	CORE	
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2266.83	2265.00	CORE	
2269.03	2268.20	CORE	
2272.83	2272.00	CORE	
2279.44	2278.61	CORE	
2285.62	2284.79	CORE	
2290.83	2290.00	CORE	
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