



PE990374

BASIN GIPPSLAND DATE _____
 WELL NAME DOLPHIN -1 ELEVATION + 31 feet

AGE	PALYNOLOGIC ZONES	HIGHEST DATA				LOWEST DATA					
		Preferred Depth	Rtg.	Alternate Depth	Rtg.	2 way time	Preferred Depth	Rtg.	Alternate Depth	Rtg.	2 way time
IG MIOC.	<u>T. bellus</u>										
	<u>P. tuberculatus</u>										
Eocene	<u>U. N. asperus</u>										
	<u>L. N. asperus</u>	3950	0			1012	4075	0	4305	1	1027
	<u>P. asperopolus</u>	4509	2			1127	4509	2			1127
	<u>U. M. diversus</u>	4624	1			1151	4624	1			1151
	<u>L. M. diversus</u>	4902	2			1202	4902	2			1202
PALEO-CENE	<u>L. balnei</u>	5276	1			1270	6090	2			1312
	<u>T. longus</u>	6130	2	6200	2	1477	6200	2			1477
LATE CRETACEOUS	<u>T. lilliei</u>	6400	2			1415	7278	2			1412
	<u>N. senectus</u>	7550	2			1452	8180	2			1450
	<u>C. trip./T. pach.</u>										
	<u>C. distocarin.</u>										
	<u>T. pannosus</u>										
EARLY CRETACEOUS	<u>C. paradoxa</u>										
	<u>C. striatus</u>										
	<u>U. C. hughesii</u>										
	<u>L. C. hughesii</u>										
	<u>C. stylosus</u>										
Pre-Cretaceous											

COMMENTS: Samples below 4075 feet not seen by ESOA palynologists; determinations based on report by M.E.Dettmann and should be regarded as provisional.

T.D. 5461 (1972)

- RATINGS: 0; SWC or CORE, EXCELLENT CONFIDENCE, assemblage with zone species of spores, pollen and microplankton.
 1; SWC or CORE, GOOD CONFIDENCE, assemblage with zone species of spores and pollen or microplankton.
 2; SWC or CORE, POOR CONFIDENCE; assemblage with non-diagnostic spores, pollen and/or microplankton.
 3; CUTTINGS, FAIR CONFIDENCE, assemblage with zone species of either spores and pollen or microplankton, or both.
 4; CUTTINGS, NO CONFIDENCE, assemblage with non-diagnostic spores, pollen and/or microplankton.

NOTE: If a sample cannot be assigned to one particular zone, then no entry should be made. Also, if an entry is given a 3 or 4 confidence rating, an alternate depth with a better confidence rating should be entered, if possible.

DATE RECORDED BY: L.E.S./A.D.P. DATE DEC. 1971