DEPT. NAT. RES & ENV
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FIGURE 10 : LITHO / CHRONO - STRATIGRAPHIC CORRELATION FROM THE LATROBE VALLEY TO THE OFFSHORE GIPPSLAND AREA

MM YEARS | EPOCH | SERIES

PLANKTONIC FORAMINIFERAL ZONATIONS
CENOZOIC AFTER STAINFORTH et. al 1975
CRETACEOUS AFTER VAN HINTE 1972
BLOW, 1969 BERGGREN, 1971 | BASS STRAIT TAYLOR 1966

PALYNOLOGICAL ZONATIONS
DINOFLAGELLATE ASSEMBLAGE ZONES | SPORE - POLLEN ASSEMBLAGE ZONES

MM	EPOCH	SERIES	PLANKTONIC FORAMINIFERAL ZONATIONS (CENOZOIC AFTER STAINFORTH et. al 1975 / CRETACEOUS AFTER VAN HINTE 1972)	BLOW, 1969 BERGGREN, 1971	BASS STRAIT TAYLOR 1966	DINOFLAGELLATE ASSEMBLAGE ZONES	SPORE - POLLEN ASSEMBLAGE ZONES
5	PLIOC / PLEIST				A		
	MIOCENE	LATE			B		TRIPOROPOLLENITES BELLUS
15		MIDDLE			C		
					D		
					E		
		EARLY			F		
					G		
20					H		
	OLIGOCENE	LATE			I1		PROTEACIDITES TUBERCULATUS
30					I2		
		EARLY	Cassigerinella chipolensis / Pseudohastigerina mica	P19	J1	Operculodinium spp	PROTEACIDITES TUBERCULATUS
				P18			
				P17	J2	Phthanoperidinium coreoides	UPPER NOTHOFAGIDITES ASPERUS
40		LATE	Globorotalia cerroazulensis (sensu lato)	P16	K		
			Globigerinatheka semiinvoluta	P15	GONIATUS	Deflandrea extensa	MIDDLE NOTHOFAGIDITES ASPERUS
45	EOCENE	MIDDLE	Truncorotaloides rohri	P14	NOTHOFAGIDITES	Deflandrea heterophylcta	LOWER NOTHOFAGIDITES ASPERUS
			Orbulinoides beckmanni	P13		(Wetzeliella echinosuturata)	PROTEACIDITES ASPEROPOLUS
			Globorotalia lehneri	P12		Wetzeliella edwardsii	
			Globigerinatheka subconglobata	P11		Wetzeliella thompsonae	UPPER MALVACIPOLLIS DIVERSUS
			Hantkenina aragonensis	P10		Wetzeliella ornata	
50		EARLY	Globorotalia pentacamerata	P9		Wetzeliella waipawaensis	LOWER MALVACIPOLLIS DIVERSUS
			Globorotalia aragonensis	P8		Wetzeliella hyperacantha	
			Globorotalia formosa formosa	P7			
			Globorotalia subbotinae	P6 b			
55		LATE	Globorotalia velascoensis	a / P5		Wetzeliella homomorpha	UPPER LYGISTEPOLLENITES BALMEI
	PALEOCENE		Globorotalia pseudomenardii	P4			
		MIDDLE	Globorotalia pusilla pusilla	P3		Eisenackia crassitabulata	LOWER LYGISTEPOLLENITES BALMEI
60			Globorotalia angulata	P2			
			Globorotalia uncinata				
		EARLY	Globorotalia trinidadensis	c		Trithyrodinium evittii	
			Globorotalia pseudobulloides	P1 b			
65			Globigering eugubina	a			
	CRETACEOUS	MAASTRICHTIAN LATE	Globotruncanella mayaroensis			Deflandrea druggii	TRICOLPITES LONGUS
		MAASTRICHTIAN EARLY	Globotruncana contusa / Globotruncana stuarti / Globotruncana gansseri			BASE OF DINOFLAGELLATE SEQUENCE	
70		CAMPANIAN LATE	Globotruncana scutilla / Globotruncana calcarata / Globotruncana subspinosa				TRICOLPORITES LILLIEI
		CAMPANIAN EARLY	Globotruncana stuartiformis			section without diagnostic dinoflagellates	
75		SENONIAN					N. SENECTUS
95	LATE	CENOMANIAN					A. DISTOCARINATUS
100		ALBIAN					P. PANNOSUS / P. PARADOXA
105		APTIAN					C. STRIATUS
110	EARLY	BARREMIAN					G. HUGHESI
115							

LATROBE VALLEY AND SURROUNDING AREA

HAUNTED HILL GRAVEL

YALLOURN FORMATION

MORWELL FORMATION

TRARALGON FORMATION

HOMEDALE VOLCANICS

CHILDERS F.M.

LATROBE VALLEY COAL MEASURES (GROUP)

STRZELECKI GROUP

SOUTH EAST GIPPSLAND

HAUNTED HILL GRAVEL

BOISDALE FORMATION

JEMMYS POINT FORMATION

TAMBO RIVER FORMATION

GIPPSLAND LIMESTONE FORMATION

LAKES ENTRANCE FORMATION

SEASPRAY GROUP

TRARALGON FORMATION

YARRAM FORMATION

BARRACOUTA FORMATION

LATROBE VALLEY GROUP

STRZELECKI GROUP

OFFSHORE GIPPSLAND

JEMMYS POINT FORMATION

GIPPSLAND LIMESTONE (UP TO 1500 M.)

LAKES ENTRANCE FORMATION (UP TO 500 M.)

SEASPRAY GROUP

GURNARD FM. (40M.)

MARGINAL MARINE SANDS

MARGINAL MARINE CLASTICS

MARINE CLASTICS

CHANNEL SANDS

NON - MARINE SEDIMENTS

LATROBE VALLEY GROUP

STRZELECKI GROUP