Figure F4 (continued).

Γ		1122	A	112	2B	112	2C	σ				A	ge (~Ma	a)	Sta	ige			~		
	Depth (mbsf)	Core	Recovery	Core	Recovery	Core	Recovery	Generalize lithology		Units	Epoch	Foraminifers	Nannofossils	Diatoms	Radiolarians	E urope	New Zealand	Paleo- magnetics	Color reflectance 550 nm (%	0 Magnetic susceptibility 00 (10 ⁻⁵ Si)	o Natural gamma ^(counts/s)	Carbonate (wt%)
						24X 25X						0.7-0.8			_				7 +			
2	20					26X			turbidites							brian				ť	Jun Jun	
2	20 30					27X			nd and silt	IC I						Cala	fian					
2	40 _					28X		Рy	n) fine sar	Subuni			0.85				Castleclif				M	
2	50 -					29X			n (<10 cr									SS			The	
2	60 -					30X			. Thi									Brunhe				
2	70 -					31X													-	ŧ	5	
						32X														ļ		
2	00 					33X					ene									{	M	
2						34X					Pleistoc										A A A	
3	10					35X			es.		middle		0.95								MM	
3	20					36X			/turbidit				0					C1r.1r			M Num	
3	20					37X			itourites	ibunit ID								C1r.1n		A A A	W/W	
3	40					38X			and cor	SL			1.16								Ź	
						39X			Fine s				1.2							Ľ	M-	
3	50 _ _ 					40X												C1r.2r		Ţ		
						41X										lasian				L.		
3	70					42X										Ge				ſ		
3	80					43X		<u></u>		AI	istocene					lian						
3	90					44X 45X		-//-//2/2 -//-//2/2 -//-//2/2		Subunit I	early Ple		1.44			Piacenz				ALL AL	My My	

Figure F4 (continued).

		1122A	(112	2B	112	2C	σ				A	ge (~Ma	a)	Sta	ge			~		
Depth	(mbsf)	Core	Recovery	Core	Recovery	Core	Recovery	Generalize		Units	Epoch	Foraminifers	Nannofossils	Diatoms	Radiolarians	Europe	New Zealand	Paleo- magnetics	- Color reflectance 550 nm (%	0 Magnetic susceptibility 00 (10-5 Si)	0 Natural gamma (counts/s)	- Carbonate (wt%) 52
410						45X 46X		27/7/2 27/7/2 27/7/2 27/7/2					1.7					C2n		sline	M	
420						47X		27/7/2 27/7/2 27/7/2	nds.								u	۱r	- hits Addition	- الديراليديل ¹¹ ليل	THM M	
430						48X		27/7/2 27/7/2 27/7/2	inated sa	iit IIA					92-1.93	u	W	C2r.	-Machine	- Antonio Marine		
440						49X		27/7/2 27/7/2 27/7/2 27/7/2	l and lam	Subun						Gelasia		02r.1n		فتعاديبه والمراجع	Murphann	
450						50X		27/7/2 27/7/2 27/7/2	agic mud										Appellat		MM/V	
460						51X		277772 277772 277772	Pel		e								to utilitation for	La gerlansvar of drop-w	1/m/	
470						52X		<u></u>			Pliocen		54			ean	Wo		, hundred		HAMMAN	
480						53X		272722 272722 272722 272722 272722		unit IIB		3.8	3.			Zancle				*		
490						54X		<u>27/7/2</u> 27/7/2 27/7/2		ns i		_	0.4	3-12.7	<u></u>)	/	5r 1 n				
500						55X		27/7/2 27/7/2	rite.				Ň	12.2 11.3			eTt	2r O		1999 () () () () () () () () () () () () ()	Merender	
510						56X		27/7/2	s with chlo			11						C5r.				
520						58X		27/7/2 27/7/2 27/7/2 27/7/2	nated sand	ubunit IIC								C5r.2n	* *			
530						59X		477777 477777 4777772 4777772	id and lami	S						allian	Sw					
540						60X		27/7/2 27/7/2 27/7/2	Pelagic mu				12.34			Serrav						
550						61X			ands.		liocene	13	3.52	12.5								
560						62X			d mud and si	ounit IIIA	middle M		10						*	1994 - 19		
570						63X			arser graine	Sub							SI			7715		
580						64X			ICo	IIIB	sene								-	, F		
590 600						65X			Lithified	Subunit	early Mio					Lhanghian	Sc	C5Br		ŀ		

Figure F4 (continued).

	112	2A	112	2B	112	2C	-				A	ge (~Ma	a)	Sta	ige		m . î			-
Depth (mbsf)	Core	Recovery	Core	Recovery	Core	Recovery	Generalizec lithology		Units	Epoch	Foraminifers	Vannofossils	Diatoms	Radiolarians	Europe	New Zealand	Paleo- magnetics	Color reflectance 550 nm (%	Magnetic Susceptibility (10-5 Si)	batural gamma (counts/s)	Carbonate (wt%)
	-				66X				B				_			Sc		0 4 3	0 30	0 00	
610	-							flows	unit II			<17.4					5Br	0	0	0	
	-				67X			debris	Sub						lian	<u> </u>	0	ailable	ailable	ailable	ailable
620	-				68X			lent /		sene	16.7				urdiga	-		ata av	ata av	ata av	ata av I I I
630	-							sedin		y Mioc					B			p ou	p ou	p ou	p ou
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Figure F5. Sequence of turbidites in Subunit IA (interval 181-1122A-2H-5, 30–85 cm; 15.60–16.15 mbsf).



Figure F6. Sand turbidite in Subunit IB (interval 181-1122A-2H-6, 50–80 cm; 17.30–17.60 mbsf).



Figure F7. Tephra layer (327.92 mbsf) in Subunit ID (interval 181-1122C-37X-6, 120–135 cm; 328.00–328.15 mbsf).



Figure F8. Contourite with planar and cross laminae in the top of Subunit IIA (interval 181-1122C-44X-2, 50–85 cm; 388.90–389.25 mbsf).



Figure F9. Planar and cross laminae in the top of Subunit IIA (interval 181-1122C-44X-CC, 7–13 cm; 392.40–392.46 mbsf).



Figure F10. White foraminifer sand with bioturbated top (*Teichichnus*) and planar and cross laminae in the top of Subunit IIIA (interval 181-1122C-61X-3, 20–50 cm; 553.60–553.90 mbsf).



Figure F11. Reverse-graded debris-flow deposit in Subunit IIIB (interval 181-1122C-67X-1, 55–85 cm; 608.75–609.05 mbsf).



Figure F12. Thickness of turbidites and sand, fine sand, and silt layers in Hole 1122C.



Thickness of turbidites and sand layers

Figure F13. Turbidites with pyritized bases in basal Subunit IA (interval 181-1122A-3H-3, 57–90 cm; 22.37–22.70 mbsf).



Figure F14. *Teichichnus, Zoophycos,* and *Planolites* in Subunit IIB (interval 181-1122C-53X-2, 52–66 cm; 475.42–475.56 mbsf).



Figure F15. Chondrites in Subunit ID (interval 181-1122C-33X-4, 20–35 cm; 285.40–285.55 mbsf).