

DEPTH		C O R E	LITHOLOGY	EPOCH	STAGE	AGE (ZONE)	BIOSTRATIGRAPHIC NOTES
m	ft						
100		1	Nannofossil chalk ooze	Pliocene	mid-low	<i>Sphaeroidinella dehiscens dehiscens</i> (N19 of Blow) and <i>G. multicamerata</i> / <i>P. obliquiloculata</i> (N20)	Nannofossils and Foraminifera abundant; indicate middle Plio. for upper part of barrel, lower Plio for lower part of sec. 1 and sec. 2.
		2	Zeolitic clay, mixed and interbedded with coccolith ooze <i>Phil Kao</i> Qtz. Cris. Nannofossil chalk ooze	Miocene	upper, mid. and lower		Nannofossils and Foraminifera both indicate some important gaps in the sequence; Foraminifera generally poor; core catcher upper Oligocene
		3	Nannofossil chalk ooze	Oligocene			Monotonous generalized nannoflora; foraminifera poor, dominated by benthonics.
200		4	Nannofossil chalk ooze				Only a smear of material recovered, not even sufficient for dating with nannofossils
		5	Nannofossil chalk ooze	Eocene	upper		Abundant nannofossils which allow recognition of Oligocene-Eocene boundary at top of sec. 5; Foraminifera poor.
		6	Nannofossil chalk ooze	Eocene	upper		core catcher contains rich nannoflora
300		7	Nannofossil chalk ooze Clin.	Eocene	middle	<i>Orbulinoides beckmanni</i> Zone	Foraminifera poorly preserved, benthonics abundant; rich nannofossil assemblage
400							
500							
		8	Nannofossil chalk ooze with some siliceous microfossils	Eocene	lower		Abundant nannofossils and Radiolaria; Foraminifera absent (catcher sample only)
		9	Nannofossil-radiolarian marl ooze	Eocene	lower	<i>G. aragonensis</i> Zone	Nannofossil assemblage similar to catcher of Core 8, with the addition of a form similar to <i>Discoaster multiradiatus</i> , but with only 14 rays (? <i>D. salisburgensis</i> ); Foraminifera absent; Radiolaria abundant and well-preserved. ( <i>Clathrocyclas</i> sp., <i>Lithocampe</i> sp. <i>Calocyclas casta</i> )
600							
700							
800							
900							
1000		10	Nannofossil-Foraminifera chalk ooze, zeolites sparse or absent	Cretaceous	upper Maestrichtian	<i>Globotruncana mayaroensis</i> Zone	Both nannofossils and Foraminifera abundant and well-preserved and diversified; highly evolute Heterohelicidae
1100							
1200							
		11	Nannofossil-Foraminifera chalk ooze,	Cretaceous	lower Maestrichtian	<i>Globotruncana tricarinata</i> Zone or correspondent	Both nannofossils and Foraminifera rich and diversified.
		12	as for Core 11	"	"	"	as for Core 11
1300		13	as for Core 11	"	upper Campanian (pars.)	<i>Globotruncana calcarata</i> Zone (pars.)	Foraminifera and nannofossils abundant, well-preserved and diversified
		14	as for Core 11	"	"	<i>Globotruncana calcarata</i> Zone	as for Core 13
		15	as for Core 11	"	upper and middle Campanian	<i>Globotruncana calcarata</i> and <i>G. elevata</i> Zones (or correspondent)	Abundant, well-preserved and diversified Foraminifera and nannoflora
		16	as for Core 11	"	middle to lower Campanian	<i>Globotruncana elevata</i> Zone	as for Core 15
1400		17	grades to dolomitic nannofossil-foraminifera chalk ooze with volcanic mins. and interbedded ? tuffs	"	"	"	as for Core 15
		18	as for Core 17	"	"	"	as for Core 15
1500		19	contact between calcareous sediments and igneous basement rock				
		20	basalt				

STRATIGRAPHIC SUMMARY CHART - LEG 2 SITE 10  
 Lat. 32°51.73'N Long. 52°12.92'W Water depth 4697 m.  
 Depth of penetration 4588 m