

Supplementary Material 2

Report	Depth		Pick Confidence	Biostratigraphic markers		Age		Notes
	MD (ft)	MD (m)		Foraminifera	Nannoplankton	Series	Stage	
1	5,221	1,591	POS	Globorotalia flexuosa		Upper Pleistocene	Ionian	
	8,159	2,487	DEF		Pseudoemiliania lacunosa "C" (acme)	Lower Pleistocene	Calabrian	
	8,160	2,487	DEF		Gephyrocapsa aperta (acme)	Lower Pleistocene	Calabrian	
	12,299	3,749	DEF		Helicosphaera sellii	Lower Pleistocene	Calabrian	
	12,300	3,749	DEF		Calcidiscus macintyreii	Lower Pleistocene	Calabrian	
	14,309	4,361	POS					unconformity
	14,310	4,362	DEF	Globoquadrina altispira		Upper Pliocene	Piacenzian	
	14,370	4,380	DEF		Sphenolithus abies	Lower Pliocene	Zancian	
	14,430	4,398	DEF		Reticulofenestra pseudumbilica	Lower Pliocene	Zancian	
	19,620	5,980	DEF		Dictyococites antarcticus	Lower Pliocene	Zancian	
	20,159	6,144	POS					reworked material
	20,160	6,145	POS		Amaurolithus tricorniculatus	Lower Pliocene	Zancian	
	20,959	6,388	POS					reworked material
2	5,280	1,609	DEF	Globorotalia flexuosa		Upper Pleistocene	Ionian	
	5,700	1,737	DEF					local marker foram increase
	6,060	1,847	DEF					local marker foram increase
	6,210	1,893	DEF					local marker foram increase
	6,390	1,948	DEF					local marker foram increase
	6,990	2,131	DEF					local marker foram increase
	7,740	2,359	DEF					local marker foram increase
	7,800	2,377	DEF					transported outer shelf facies
	8,160	2,487	DEF	Stilostomella antillea		Lower Pleistocene	Calabrian	
	9,660	2,944	DEF					local marker foram increase
	10,050	3,063	DEF					local marker foram increase
	10,110	3,082	DEF	Sphaeroidinella dehiscens (acme "A")		Lower Pleistocene	Calabrian	
	10,950	3,338	DEF					local marker foram increase
	12,510	3,813	DEF	Sphaeroidinella dehiscens (acme "B")		Lower Pleistocene	Calabrian	
	12,750	3,886	DEF	Uvigerina hispida		Lower Pleistocene	Calabrian	
	12,840	3,914	DEF					reworked material
	14,310	4,362	DEF	Globorotalia menardii (coiling change left/right)		Upper Pliocene	Gelasian	
	14,850	4,526	POS	Globorotalia miocenica		Upper Pliocene	Gelasian	
	15,090	4,599	POS	Globorotalia miocenica		Upper Pliocene	Gelasian	
	15,150	4,618	DEF	Globorotalia pertenuis		Upper Pliocene	Gelasian	
	16,140	4,919	POS			Upper Pliocene	Piacenzian	
	17,010	5,185	DEF	Cibicides grosseperforatus		Upper Pliocene	Piacenzian	
	17,550	5,349	DEF					local marker foram increase
	17,700	5,395	DEF	Cyclammina sp.		Upper Pliocene	Piacenzian	
	17,730	5,404	DEF	Arenaceous fauna		Upper Pliocene	Piacenzian	
	17,820	5,432	DEF	Cibicides marsi		Lower Pliocene	Zancian	
	17,850	5,441	DEF	Globorotalia margaritae		Lower Pliocene	Zancian	
	18,060	5,505	DEF	Uvigerina rustica		Lower Pliocene	Zancian	
	18,119	5,523	DEF					reworked material
	18,120	5,523	DEF	Globigerina nepenthes		Lower Pliocene	Zancian	
	18,330	5,587	DEF					local marker foram increase
	18,510	5,642	DEF					transported outer shelf facies
	18,660	5,688	DEF	Sigmoilina "P" / cf. schlumbergeri		Lower Pliocene	Zancian	
	19,050	5,806	DEF					local marker foram increase
	19,590	5,971	DEF					local marker foram increase
	19,890	6,062	DEF	Sphaeroidinellopsis multiloba		Lower Pliocene	Zancian	
	20,040	6,108	POS	Globorotalia menardii (coiling change right/left)		Upper Miocene	Messinian	
	20,190	6,154	DEF					
	20,430	6,227	POS	Globorotalia margaritae primitiva		Upper Miocene	Messinian	
3	9,660	2,944	DEF		Gephyrocapsa aperta	Upper Pleistocene	Ionian	
	10,860	3,310	DEF		Scyphosphaera pulcherima	Lower Pleistocene	Calabrian	
	11,550	3,520	DEF		Calcidiscus macintyreii	Lower Pleistocene	Calabrian	
	12,300	3,749	DEF		Helicosphaera sellii	Lower Pleistocene	Calabrian	
	13,890	4,234	DEF		Discoaster brouweri	Upper Pliocene	Gelasian	

DEF=definite
POS=possible