Unit	Lithology	Estimated Thickness 13 meters	
Α	Yellow brown clay and zeolitic clay		
В	Brown to gray silty radiolarian ooze with vol- canic glass	8 meters	
C	Gray to gray brown volcanic ash	approximately 153 meters	
D	Red to brown chalk ooze and nannoplankton chalk ooze, appar- ently interlayered with lithified limestone	approximately 21 meters	
Е	Volcanic rocks interbedded with limestone	unknown	
Lithologi	cal units of Leg 6, Site 53	3	

Read 53.0 as 53 * Read 53.1 as 53 A Read 53.2 as 53 B

HOLE 53.0, 53.1 & 53.2

DEPTH (m)			CORE	ELITHOLOGIC DESCRIPTION	AGE
990	5		0	ETHIOLOGIC DESCRIPTION	SERIES-SUBSERIES
Γ		53.1		CLAY and ZEOLITE CLAY, dark yellow brown	?
20 -		53.2		ASHEY RADIOLARIAN OOZE, gray brown to brown, with less commonly RADIOLARIAN CLAY and CLAY; small pumice fragments and a thin ash layer occur in lower part of core	LATE MIOCENE
		53.1	2	ASH, yellow brown, light gray, dark grayish brown, sand and silt size, well sorted; few thin beds of CLAY with RADIOLARIA present in central part of core	LATE MIOCENE
40 -					
60 —		53.1	3	ASH, dark grayish brown, dark gray, olive gray, and black, silt size; contains numerous pebbles of pumice and lithified ash in upper part	LATE and MIDDLE MIOCENE
80 -					
100					
			1	ASH, medium dark gray, silt size, sediment quite firm with scattered pebbles of lithified ash	MIDDLE MIOCENE EARLY MIDDLE
		53.0	2	ASH, medium dark gray, with pebbles of lithified ash	MIOCENE and LATE MIOCENE
120 —			3	ASH, dark gray - black, with pebbles of lithified ash	EARLY MIDDLE MIDCENE
-					
		53.0	4	ASH, brown, red, green, and black, well bedded and laminated, deformed by simming? in places; Core Catcher contained cemented and recrystallized dark reddish brown NANNOPLANKTON MARL OOZE 5 Core Catcher sample only of light brown CHALK, medium brown NANNOPLANKTON MARL OOZE, dark brown, hard ASH, hard pale red LIMESTONE 6 Gray brown, red gray hard LIMESTONE and softer brown - red brown CHALK	EARLY OLIGOCENE to EARLY MIOCENE
		53.0		7Hard greenish gray VOLCANIC ROCK, with CHALK, LIMESTONE and BASALT in Core Catcher agreements of CHALK, BASALT, "CREENSTONE." LIMESTONE, MANNOPLANKTON MARL OOZE, and VOLCANIC BRECCIA	EARLY OLIGOCENE to EARLY MIOCENE

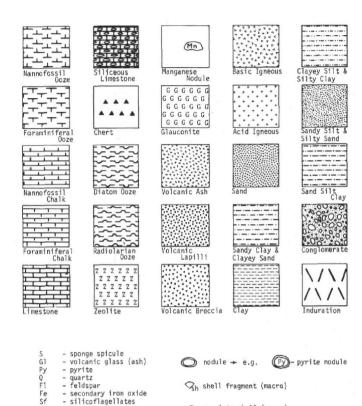


Figure 5. Standard symbols used to illustrate lithology.

- mica

Pyr - pyroxene C.Sp. - calcareous (sponge) spicules Ca - calcite (authigenic)

ab complete shell (macro)