SITE 100

CORE	SECT	DEPTH	CLAY	SILT	SAND	CLAY MINERALS	QUARTZ	FELDSPARS	MICAS	HEAVY MINERALS	GLAUCONITE	PYRITE	ZEOLITES	LIMONITE	HEMATITE	Comments	FORAMINIFERS	COCCOLITHID FORMS	DISCOASTER FORMS	RADIOLARIANS	DIATOMS	SILIC. SPONGE SPICULES	CARBONACEOUS MATTER AND PLANT DEBRIS	DOLOMITE	SIDERITE	RECRYST. CALCITE	OTHER CALC. FRAGMENTS (POSS. DETRITAL)	AGE
DRILLED 203 METERS = FROM 0m to 203m SUB-BOTTOM																												
1	1	130														Nannoconids abundant												
	2	0														+Chert fragments(rare)												
		99														Nannoconids abundant												
		113														Dark layer												
	3	0																										
		14														Nannocomids abundant Spindle-shaped calc. grains												
		24														Nannoconids common												
		96																										
	4	0														Silt-size chalk aggreg												
		84														Nannoconids common												
		113														Dark zone												
	5	0														Silt size chalk aggreg.												
		25														Nannoconids common												
		59														-id-												
	CC		THIN	SECT	ION											Nanno and rad. repl. by chert												
DRILLED 25 METERS = FROM 212m to 237m (SUB-BOTTOM) - chert and chalk fragments in center-bit.																												
2	1	109														+ Chert												
	2	0																										
		33																										
		106																										
	3	0														Chert spherules												
		43																										
		69																										
	CC																											
246m SUB-BOTTOM																												
3	1	141																										
	CC																											
	CC															Red layer												
259m SUB-BOTTOM																												
4	1	25														+Chert frag. ls. (rads. replacement)												
		102														Most of the recryst, calcite grains are spindle-shaped throughout the lower part of the hole.												
	CC																											
	CC																											
261m SUB-BOTTOM																												
5	1	119																										
		131																										
	2	17																										
		52																										
		103																										
	CC																											
267m SUB-BOTTOM																												
6	1	60																										
		139																										
	CC																											
	CC																											
	CC																											
	CC																											
	CC															Sand size chert frag.ls.												
276m SUB-BOTTOM																												
7	1	0																										
		48																										
		90														Sand size chert frag.ls.												
		102																										
		131																										
	2	0																										
		19																										
		103																										
	CC																											
286m SUB-BOTTOM																												
8	1	0																										
		114																										
	2	0																										
		110																										
	3	0																										
		96																										
DRILLED 10 METERS = FROM 292m to 302m																												
9	1	0																										
		93																										
		126																										
	2	0																										
		74																										
		114																										
311m SUB-BOTTOM																												
10	1	0																										
		82																										
		100																										
		138																										
	2	0																										
		80																										
		128														Light green material												
																BASALT												
11	1	47														Clay size irregular Microtwinned calc. grains												
																BASALT												
12	1	94														Micritic calcite-Cracks Microspar calc. filling												
																BASALT												

VALANGINIAN-TITHONIAN

LATE JURASSIC

OXFORDIAN?

OXFORDIAN TO CALLOVIAN?

GRAPHIC REPRESENTATION OF VISUAL ESTIMATES

RARE (LESS THAN 5%)
COMMON (5% TO 15%)
ABUNDANT (15% to 75%)
DOMINANT (MORE THAN 75%)

Figure 5. *Smear slide graphic summary, Site 100.*