

IODP Exp. 347 Baltic Sea Paleoenvironment  
 SEDIMENT SMEAR SLIDE  
 & THIN SECTION WORKSHEET

Expedition	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
347	63	C	34	17	1	66	67

Sediment	SILT-CLAY LAMINA	Observer	SP
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Smear Slide	Dominant Lithology	Minor Lithology	Percent Terrigenous Texture		
		X	Sand	Silt	Clay
			0	20	80

Comments:

SILT LAMINA CONTAINING NODULE  
 Birefringent fine silt-sized material could be carbonate

Percent	Component
<b>SILICICLASTIC GRAINS/MINERALS</b>	
	Framework minerals
	Quartz
	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Chlorite
80	Clay sized fraction
	Glaucanite
	Ferromagnesian minerals
	Other dense minerals
	Authigenic minerals
	Zeolite
	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonates
	Micrite
	Others

Percent	Component
<b>BIOGENIC GRAINS</b>	
	Calcareous
	Foraminifera
	Nannofossils
	Pteropods
	Ostracods
	Echinoderm
	Bivalves
	Bryozoans
	Corals
	Sponge spicules
	Other spicules
	Bioclast (undifferentiated)
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
	Others
	Dinoflagellates
	Pollen
	Organic debris
	Plant debris
	Fish remains (teeth, bones, scales)
	Others