

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

Expedition	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
347	66	A	13	N	CC		

Sediment	Dark gray interlaminated silt and sand	Observer	JP
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Smear Slide

Dominant Lithology	Minor Lithology
X	

Percent Terrigenous Texture		
Sand	Silt	Clay
40	60	

Comments:

Very poorly sorted sediment
 Quartz with undulose extinction

Percent	Component
	SILICICLASTIC GRAINS/MINERALS
	Framework minerals
40	Quartz
37	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
1	Plagioclase
	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
	Biotite
	Muscovite
	Chlorite
	Clay sized fraction
5	Glauconite
1	Ferromagnesian minerals
1	Other dense minerals
10	Debris (undifferentiated)
	Authigenic minerals
	Zeolite
	Pyrite
5	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonates
	Micrite
	Others

Percent	Component
	BIOGENIC GRAINS
	Calcareous
tr	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