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

Expedition	Site	Hole	Core	Type	Sec	Interval (cm) Top	Interval (cm) Bottom
347	66	A	16	N	CC		

Sediment	Glauconitic medium sand	Observer	SP

Smear Slide

Dominant Lithology	Minor Lithology
X	

Percent Terrigenous Texture		
Sand	Silt	Clay
60	40	

Comments:
Subangular to well rounded quartz grains

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

Percent	Component
	BIOGENIC GRAINS
	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
tr	Organic debris
	Plant debris
	Fish remains (teeth, bones, scales)
	Others