

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

| Expedition | Site | Hole | Core | Type | Sec | Interval (cm) | |
|------------|------|------|------|------|-----|---------------|--------|
| | | | | | | Top | Bottom |
| 347 | 60 | A | 33 | H | CC | | |

| | | | |
|----------|--------------------------------------|----------|----|
| Sediment | Dark gray silty clay w/ disp. clasts | Observer | SP |
|----------|--------------------------------------|----------|----|

| |
|-------------|
| Smear Slide |
|-------------|

| Dominant Lithology | Minor Lithology |
|--------------------|-----------------|
| X | |

| Percent Terrigenous Texture | | |
|-----------------------------|------|------|
| Sand | Silt | Clay |
| 1 | 96 | 3 |

Comments:

Shipboard SS
 Sand fraction has angular quartz and green amphibole

| Percent | Component |
|--------------------------------------|--|
| SILICICLASTIC GRAINS/MINERALS | |
| | Framework minerals |
| 67 | Quartz |
| 20 | Feldspar (undifferentiated) |
| | K-feldspar (Orthoclase, Microcline...) |
| | Plagioclase |
| | Rock fragments |
| | Volcanic glass |
| | Accessory/trace minerals |
| | Micas |
| tr | Biotite |
| | Muscovite |
| | Chlorite |
| 3 | Clay sized fraction |
| | Glauconite |
| 3 | Ferromagnesian minerals |
| 3 | Other dense minerals |
| 1 | Gypsum |
| | Authigenic minerals |
| | Zeolite |
| | Pyrite |
| 3 tr | Opaque minerals (undifferentiated) |
| | Fe-oxide |
| | Carbonates |
| | Micrite |
| | Others |

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