

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	U1351	B	113	X	2	120	

Sediment/Rock Name	Calcareous Sandy silt	Observer	KMM
--------------------	-----------------------	----------	-----

SMEAR	Thin Sect
✓	

Dominant	Minor
	✓

Percent Texture		
Sand	Silt	Clay
40	65	5

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
10	Quartz
10	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
5	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
	Biotite
5	Muscovite
10	Chlorite <i>small</i>
5	Clay Minerals
	Glaucinite
tr	Ferromagnesian minerals
10	<i>other dense</i>
	Authigenic minerals
	Zeolite
1 tr	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
20	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
5	Foraminifera
2	Nannofossils
	Pteropods
	Ostracodes
15	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate spicules</i>
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
	Others
	Dinoflagellates
	Pollen
tr	Organic debris
	Plant debris
	Bryozoans
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bivalves
	Others

Comments:

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	U1351	B	114	X	1	27	

Sediment/Rock Name	<i>Calcareous Silty sand</i>	Observer	<i>Kinn</i>
--------------------	------------------------------	----------	-------------

SMEAR	Thin Sect
<input checked="" type="checkbox"/>	

Dominant	Minor
<input checked="" type="checkbox"/>	

Percent Texture		
Sand	Silt	Clay
50	45	5

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
<i>25-30</i>	Quartz
<i>10</i>	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
<i>15</i>	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
	Biotite
<i>5</i>	Muscovite
<i>15</i>	Chlorite <i>SIZED!</i>
<i>5</i>	Clay Minerals
	Glauconite
<i>tr</i>	Ferromagnesian minerals
<i>10</i>	<i>other dense</i>
	Authigenic minerals
<i>5</i>	Zeolite <i>growing on grains</i>
	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
<i>2</i>	Foraminifera
<i>3</i>	Nannofossils
	Pteropods
	Ostracodes
<i>9-10</i>	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate spicules</i>
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
	Others
	Dinoflagellates
	Pollen
<i>1</i>	Organic debris
	Plant debris
	Bryozoans
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bivalves
	Others

Comments:

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	U1351	B	115	X	CC	14	

Sediment/Rock Name	<i>Calcareous Sandy Silt</i>	Observer	<i>Kmm</i>
--------------------	------------------------------	----------	------------

SMEAR	Thin Sect
<input checked="" type="checkbox"/>	

Dominant	Minor
	<input checked="" type="checkbox"/>

Percent Texture		
Sand	Silt	Clay
30	65	5

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
<i>20</i>	Quartz
<i>15</i>	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
<i>15</i>	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
	Biotite
<i>5</i>	Muscovite
<i>10</i>	Chlorite <i>small</i>
<i>5</i>	Clay Minerals
<i>tr</i>	Glaucinite
<i>1 MIN</i>	Ferromagnesian minerals
<i>8 MIN</i>	<i>other dense</i>
	Authigenic minerals
<i>2</i>	Zeolite <i>? anhedral mica?</i>
	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
<i>8</i>	Foraminifera
<i>3</i>	Nannofossils
	Pteropods
	Ostracodes
<i>8</i>	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>truncate Spicules</i>
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
	Others
	Dinoflagellates
	Pollen
	Organic debris
	Plant debris
	Bryozoans
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bivalves
	Others

Comments:

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	U1351	B	116	X	CC	15	

Sediment/Rock Name	<i>Calcareous Sandy silt</i>	Observer	<i>Kamm</i>
--------------------	------------------------------	----------	-------------

SMEAR	Thin Sect
<input checked="" type="checkbox"/>	

Dominant	Minor
<input checked="" type="checkbox"/>	

Percent Texture		
Sand	Silt	Clay
<i>20</i>	<i>70</i>	<i>10</i>

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
Framework minerals	
<i>17</i>	Quartz
<i>10</i>	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
<i>10</i>	Rock fragments
	Volcanic glass
Accessory/trace minerals	
	Micas
<i>4</i>	Biotite
<i>10</i>	Muscovite
<i>10</i>	Chlorite <i>SIZED!</i>
<i>40</i>	Clay Minerals
<i>4</i>	Glaucinite
	Ferromagnesian minerals
<i>10</i>	<i>other dense</i>
Authigenic minerals	
<i>1</i>	Zeolite
<i>2</i>	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
Calcareous	
<i>5</i>	Foraminifera
<i>10</i>	Nannofossils
	Pteropods
	Ostracodes
<i>5</i>	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>truncate spicules</i>
Siliceous	
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
Others	
	Dinoflagellates
	Pollen
	Organic debris
	Plant debris
	Bryozoans
	Echinoderm
	Fish remains (teeth, bones, scales)
	Bivalves
	Others

Comments: