

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	64	X	2	50	

Sediment/Rock Name	<i>sandy mud.</i>	Observer	<i>hew...</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
12	65	15

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
1	Foraminifera
2	Nannofossils
	Pteropods
	Ostracodes
3	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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	1351	B	66	X	CC	10	

Sediment/Rock Name	<i>sandy mud.</i>	Observer	<i>Lover</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20.	55.	15

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

Percent	Component
BIOGENIC GRAINS	
Calcareous	
2	Foraminifera
4	Nannofossils
	Pteropods
	Ostracodes
2	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	1351	B	70	X	1	100	

Sediment/Rock Name	sandy mud.	Observer	
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
15	55	20

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
6	Nannofossils
	Pteropods
	Ostracodes
1	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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	1351	B	71	X	CC	30	

Sediment/Rock Name	<i>Sandy silt</i>	Observer	<i>Le...</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20	60	10

v fine sand. lots coarse silt.

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
6	Nannofossils
	Pteropods
	Ostracodes
2	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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	1351	B	72	X	1	100	

Sediment/Rock Name	<i>silty mud.</i>	Observer	<i>Hever.</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
5	70	20

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

Percent	Component
BIOGENIC GRAINS	
Calcareous	
2	Foraminifera
	Nannofossils
	Pteropods
	Ostracodes
	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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	1351	B	73	X	1	40	

Sediment/Rock Name	<i>calc sandy mud.</i>	Observer	<i>Law</i>
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SMEAR	Thin Sect
<input checked="" type="checkbox"/>	

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

Percent Texture		
Sand	Silt	Clay
15	40	30

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
1	Foraminifera
8	Nannofossils
	Pteropods
	Ostracodes
2	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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	1557	B	75	X	CC	20	20.

Sediment/Rock Name	<i>Sandy silt</i>	Observer	<i>Lerner</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20	60	10.

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

Percent	Component
BIOGENIC GRAINS	
Calcareous	
3	Foraminifera
6	Nannofossils
	Pteropods
	Ostracodes
	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
1	<i>tunicate 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	1351	B	76	X	CC	30	

Sediment/Rock Name	<i>calcareous sandy mud.</i>	Observer	<i>Levar</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20.	50	15

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

Percent	Component
BIOGENIC GRAINS	
Calcareous	
4	Foraminifera
5.	Nannofossils
	Pteropods
	Ostracodes
6	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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: *SS -*

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SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	77	X	1	70	

Sediment/Rock Name	<i>Sandy mud.</i>	Observer	<i>Lane.</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
15	60	20

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
50	Quartz
2	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
8	Rock fragments
	Volcanic glass
	Accessory/trace minerals
	Micas
2	Biotite
	Muscovite
2	Chlorite
15	Clay Minerals
1	Glaucanite
3	Ferromagnesian minerals
5	<i>other dense pale blue material</i>
	Authigenic minerals
	Zeolite
4	Pyrite
2	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
2	Nannofossils
	Pteropods
	Ostracodes
1	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	1351	B	78	H	1	50.	

Sediment/Rock Name	sandy silt	Observer	Lave
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20	60	5

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
Framework minerals	
48	Quartz
2	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
10	Rock fragments
	Volcanic glass
Accessory/trace minerals	
2	Micas
3	Biotite
	Muscovite
4	Chlorite
3	Clay Minerals
	Glauconite
2	Ferromagnesian minerals
6	other dense
Authigenic minerals	
	Zeolite
2	Pyrite
4	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
Calcareous	
4	Foraminifera
3	Nannofossils
	Pteropods
	Ostracodes
5	Bioclast (undifferentiated)
	Calc. Sponge
	tunicate spicules
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:

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SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	80	X	CC	12.	

Sediment/Rock Name	<i>sandy silt</i>	Observer	<i>Lere</i>
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SMEAR	Thin Sect
<input checked="" type="checkbox"/>	

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

Percent Texture		
Sand	Silt	Clay
20	60	10

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
55	Quartz
3	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
12	Rock fragments
	Volcanic glass
	Accessory/trace minerals
4	Micas
1	Biotite
	Muscovite
3	Chlorite
6	Clay Minerals
	Glauconite
2	Ferromagnesian minerals <small>Fe-Mg-BiO precipitates</small>
3	<i>other dense</i>
	Authigenic minerals
	Zeolite
2	Pyrite
2	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
5	Nannofossils
	Pteropods
	Ostracodes
	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
1	<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	1351	B	82	X	CC	15	

Sediment/Rock Name	sandy mud.	Observer	Lova..
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20	55	15

max coarse sand,

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
Framework minerals	
50	Quartz
3	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
9	Rock fragments
	Volcanic glass
Accessory/trace minerals	
3	Micas
2	Biotite
	Muscovite
1	Chlorite
10	Clay Minerals
	Glauconite
1	Ferromagnesian minerals
3	other dense
Authigenic minerals	
	Zeolite
2	Pyrite
3	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
Calcareous	
7	Foraminifera
2	Nannofossils
	Pteropods
	Ostracodes
3	Bioclast (undifferentiated)
	Calc. Sponge
	tunicate spicules
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	1351	B	84	X	1	20	

Sediment/Rock Name	<i>conchy calc silt.</i>	Observer	<i>Lave</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
17	57	10

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
5	Foraminifera
4	Nannofossils
	Pteropods
	Ostracodes
5	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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:

15

✓

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	86	X	1	20	

Sediment/Rock Name	<i>sandy silt</i>	Observer	<i>howe</i>
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SMEAR	Thin Sect
	<input checked="" type="checkbox"/>

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

Percent Texture		
Sand	Silt	Clay
20	60	10

more med sand

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
Framework minerals	
<i>55</i>	Quartz
<i>2</i>	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
<i>10</i>	Rock fragments
	Volcanic glass
Accessory/trace minerals	
<i>2</i>	Micas
<i>3</i>	Biotite
	Muscovite
<i>1</i>	Chlorite
<i>7</i>	Clay Minerals
	Glauconite
<i>4</i>	Ferromagnesian minerals
<i>5</i>	<i>other dense</i>
Authigenic minerals	
	Zeolite
<i>2</i>	Pyrite
<i>3</i>	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
Calcareous	
<i>2</i>	Foraminifera
<i>5</i>	Nannofossils
	Pteropods
	Ostracodes
<i>3</i>	Bioclast (undifferentiated)
<i>1</i>	<i>Calc. Sponge</i>
<i>1</i>	<i>tunicate 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	1351	8	88	X	1	202090	

Sediment/Rock Name	sandy mud.	Observer	Leves ..
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
15	60	20.

med sand mass

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
50	Quartz
2	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
8	Rock fragments
	Volcanic glass
	Accessory/trace minerals
3	Micas
2	Biotite
	Muscovite
3	Chlorite
16	Clay Minerals
	Glauconite
2	Ferromagnesian minerals
4	other dense
	Authigenic minerals
	Zeolite
4	Pyrite
1	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
2	Nannofossils
	Pteropods
	Ostracodes
1	Bioclast (undifferentiated)
	Calc. Sponge
	tunicate spicules
	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: 95

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET


Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	90	X	2	101	

Sediment/Rock Name	Sandy silt	Observer	Love...
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SMEAR	Thin Sect
✓	

Dominant	Minor
✓	

Percent Texture		
Sand	Silt	Clay
20	60	10

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
50	Quartz
3	Feldspar (undifferentiated)
	✓ K-feldspar (Orthoclase, Microcline...)
	Plagioclase
10	Rock fragments
	Volcanic glass
	Accessory/trace minerals
2	Micas
3	Biotite
	Muscovite
2	Chlorite
6	Clay Minerals
	Glaucconite
4	Ferromagnesian minerals
6	other dense  tourmaline (1)
	Authigenic minerals
	Zeolite
2	Pyrite
3	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
3	Foraminifera
4	Nannofossils
	Pteropods
	Ostracodes
3	Bioclast (undifferentiated)
	Calc. Sponge
	tunicate spicules
	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	1351	B	92	X	2	100	

Sediment/Rock Name	Sand calcareous cemented mud	Observer	h.o.p.
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SMEAR	Thin Sect
<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Percent Texture		
Sand	Silt	Clay
15	45	30

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
	Framework minerals
30	Quartz
15	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
15	Rock fragments
	Volcanic glass
	Accessory/trace minerals
3	Micas
1	Biotite
	Muscovite
2	Chlorite
19	Clay Minerals
	Glauconite
1	Ferromagnesian minerals
3	other dense
	Authigenic minerals
	Zeolite
3	Pyrite
2	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
	Calcareous
4	Foraminifera
1	Nannofossils
	Pteropods
	Ostracodes
5	Bioclast (undifferentiated)
1	Calc. Sponge tunicate spicules
	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: pervasive alteration to calcite

SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	1351	B	93	X	4	80.	

Sediment/Rock Name	<i>sandy calcareous mud.</i>	Observer	<i>hao.</i>
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SMEAR	Thin Sect
	<input checked="" type="checkbox"/>

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

Percent Texture		
Sand	Silt	Clay
12	50	25

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

Percent	Component
BIOGENIC GRAINS	
	Calcareous
2	Foraminifera
3	Nannofossils
	Pteropods
	Ostracodes
4	Bioclast (undifferentiated)
	<i>Calc. Sponge</i>
	<i>tunicate 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: *less pervasive alteration to calcite.*



SEDIMENT SMEAR SLIDE & THIN SECTION WORKSHEET

Leg	Site	Hole	Core	Type	Sec	Interval (cm)	
						Top	Bottom
317	U1351	B	94	X	4	70	

Sediment/Rock Name	<i>Calcareous Sandy mud</i>	Observer	<i>KMM</i>
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SMEAR	Thin Sect
✓	

Dominant	Minor
	✓

Percent Texture		
Sand	Silt	Clay
20	80	20

MAD

Percent	Component
SILICICLASTIC GRAINS/MINERAL	
Framework minerals	
<i>15</i>	Quartz
<i>15</i>	Feldspar (undifferentiated)
	K-feldspar (Orthoclase, Microcline...)
	Plagioclase
<i>5</i>	Rock fragments
<i>5</i>	Volcanic glass
Accessory/trace minerals	
Micas	
	Biotite
<i>5</i>	Muscovite
<i>5</i>	Chlorite
<i>23</i>	Clay Minerals
	Glaucinite
Ferromagnesian minerals	
<i>5</i>	<i>other dense</i>
<i>1</i>	<i>C</i>
Authigenic minerals	
	Zeolite
<i>2</i>	Pyrite
	Opaque minerals (undifferentiated)
	Fe-oxide
	Carbonate
	Micrite
	Others

Percent	Component
BIOGENIC GRAINS	
Calcareous	
10 <i>5</i>	Foraminifera <i>smaller pink difficult to extract</i>
<i>10</i>	Nannofossils
5	Pteropods
	Ostracodes
<i>5</i>	Bioclast (undifferentiated) <i>fine silt</i>
	<i>calc. sponge tunicate 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: