

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
82	158	D	11A	6A	80	

Observer	ST
LITHOLOGY:	Dominant: <u>diatom ooze</u>
	Minor: _____

COMPOSITION: % Terrigenous

24%

% Biogenic

76%

(=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	<u>10%</u>	<u>90%</u>

(= 100%)

Abundance Code

≤10% = R (rare)
10% - 24% = C (common)
25% - 49% = A (abundant)
> 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
<u>C</u>	Quartz
<u>A</u>	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glaucinite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
	<u>Opaque Minerals</u>
<u>R</u>	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
<u>C</u>	Radiolarians
<u>D</u>	Diatoms
<u>R</u>	Silicoflagellates
<u>C</u>	Sponge spicules
<u>C</u>	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Silt clay bearing diatom ooze

Comments

Desc ✓

Leg	Site	Hole	Core	Section	Position (cm) in core Sm.Slide #	
382	1538	D	12H	3A	84cm	

Observer	
LITHOLOGY:	Dominant: Minor:

COMPOSITION: % Terrigenous 20 % Biogenic 80 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	30	70

(= 100%)

Abundance Code
≤10% = R (rare)
10% - 24% = C (common)
25% - 49% = A (abundant)
> 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
D	Quartz
R	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
R	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
D	Diatoms
R	Silicoflagellates
R	Sponge spicules
	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Silty clay Bearing
Diatom ooze

Comments

Desc ✓

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
352	1538	D	121	4 A	41 cm	

Observer	
LITHOLOGY:	Dominant: Minor:

COMPOSITION: % Terrigenous 90 % Biogenic 10 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	70	30

(= 100%)

Abundance Code
≤10% = R (rare)
10% - 24% = C (common)
25% - 49% = A (abundant)
> 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
R	Quartz
R	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
D	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
R	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
C	Diatoms
R	Silicoflagellates
R	Sponge spicules
D	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Biotica bearing
Carbonate

Comments

Leg	Site	Hole	Core	Section	Position (cm)	
					In core	Sm.Slide #
352	1538	D	12th	6A	63cm	

Observer	
LITHOLOGY:	Dominant:
	Minor:

COMPOSITION: % Terrigenous 85 % Biogenic 15 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	40	60

(= 100%)

Abundance Code
 $\leq 10\%$ = R (rare)
 10% - 24% = C (common)
 25% - 49% = A (abundant)
 > 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
D	Quartz
R	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glaucanite
	Chert
	Zircon
	Apatite
R	Titanite (sphene)
	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
R	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
D	Diatoms
R	Silicoflagellates
R	Sponge spicules
	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Diatom Bearing
Silly Clay

Comments

Desc ✓

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
382	1538	D	13H	CC	15cm	

Observer	
LITHOLOGY:	Dominant: Minor:

COMPOSITION: % Terrigenous 40 % Biogenic 60 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	30	70

(= 100%)

Abundance Code
 ≤10% = R (rare)
 10% - 24% = C (common)
 25% - 49% = A (abundant)
 > 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
D	Quartz
R	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
R	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
R	Glaucinite
	Chert
	Zircon
	Apatite
R	Titanite (sphene)
	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
D	Diatoms
R	Silicoflagellates
R	Sponge spicules
	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Silty clay Rch
Diatom Ooze

Comments

Leg	Site	Hole	Core	Section	Position (cm) in core Sm.Slide #	
382	1538	D	14H	2A	80	

Deer

Observer	
LITHOLOGY:	Dominant: <hr/>
	Minor: <hr/>

COMPOSITION: % Terrigenous 20 % Biogenic 80 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	30	70

(= 100%)

Abundance Code
 ≤10% = R (rare)
 10% - 24% = C (common)
 25% - 49% = A (abundant)
 > 50% = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
	Framework minerals
C	Quartz
R	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
C	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
C	Foraminifers
A	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
D	Diatoms
R	Silicoflagellates
R	Sponge spicules
	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Carbonate bearing Diatom Ooze

Comments

Desc ✓

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
382	1538	D	14H	CC	10cm	

Observer	
LITHOLOGY:	Dominant: _____ Minor: _____

COMPOSITION: % Terrigenous 20 % Biogenic 80 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	30	70

(= 100%)

Abundance Code
 $\leq 10\%$ = R (rare)
 10% - 24% = C (common)
 25% - 49% = A (abundant)
 $> 50\%$ = D (dominant)

Ab. Code	Component
SILICICLASTIC GRAINS/MINERALS	
D	Framework minerals
R	Quartz
	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
VOLCANIC/PLUTONIC GRAINS	
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
ACCESSORY/TRACE MINERALS	
	<u>Sheet Silicates</u>
	Biotite
	Muscovite
	Chlorite
	<u>Fe-Mg silicates</u>
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	<u>Other indicator minerals</u>
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	<u>Authigenic minerals</u>
	Barite
	Manganese Oxide
	Zeolite
C	<u>Opaque Minerals</u>
	Pyrite
	Fe-oxide / Fe-hydroxide

Ab. Code	Component
BIOGENIC GRAINS	
	<u>Calcareous</u>
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	<u>Siliceous</u>
R	Radiolarians
D	Diatoms
R	Silicoflagellates
R	Sponge spicules
	Siliceous debris (undifferentiated)
	<u>Others</u>
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Name:

Silty Clay Bearing Diatom Ooze

Comments