Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	1H	1A	39	SS1

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	8	92

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
R	Fe-oxide / Fe-hydroxide

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

Comments:

Resin present

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	1H	2A	132	552

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	8	92

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Whole diatoms & other siliceous material present (picture provided).

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1539	D	1H	4A	27	553

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

diatoms & spicule fragments present.
TR sphenes

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	1H	3A	50	SS 4

Observer	PR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	10	90

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
TR	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
R	Fe-oxide / Fe-hydroxide

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

Comments:

diatoms, spicules, radiolarians & other siliceous debris present.

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1538	D	2H	1A	88	SS14

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
TR	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	2H	2A	75	SS5

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	12	88

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	2H	3A	50	SS15

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 92 % Biogenic 8 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	2H	3A	120	886

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	12	88

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	2H	AA	80	SS 7

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
TR	Biotite
TR	Muscovite
	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	24	4A	54	858

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 50 % Biogenic 50 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	8	92

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
TR	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

taken from lighter colored pod

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	653	D	2H	5A	74	559

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	5	95

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	2H	6A	38	SS10

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 99 % Biogenic 1 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
5	40	65

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **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
	Sheet Silicates
R	Biotite
	Muscovite
Tr	Chlorite
	Fe-Mg silicates
+r	Amphibole (hornblende)
	Garnet
Tr	Pyroxene
	Olivine
	Other indicator minerals
+r	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
R	Fe-oxide / Fe-hydroxide

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

Comments:

Taken from darker brown pod.

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1538	D	24	1A	3	SS11

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	10	90

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	2H	6A	28	8812

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 93 % Biogenic 7 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	18	82

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1523	B	2H	6A	51	SS13

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 94 % Biogenic 6 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	10	90

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
TR	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	3H	1A	70	SS16

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 70 % Biogenic 30 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
TR	Muscovite
TR	Chlorite
	Fe-Mg silicates
TR	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1523	D	3H	2A	37	SS17

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 99 % Biogenic 1 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	18	82

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	3H	2A	94	SS18

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 98 % Biogenic 2 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	25	75

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **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
	Sheet Silicates
R	Biotite
TR	Muscovite
R	Chlorite
	Fe-Mg silicates
TR	Amphibole (hornblende)
	Garnet
TR	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
R	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	34	3A	30	5519

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 70 % Biogenic 30 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	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
	Sheet Silicates
	Biotite
R	Muscovite
TR	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
	Manganese Oxide
	Zeolite
	Opaque Minerals
	Pyrite
TR	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	3H	3A	139	JS20

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	25	75

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	3H	4A	20	1552 1

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 75 % Biogenic 25 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	12	88

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	3H	4A	134	SS22

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 70 % Biogenic 30 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	20	80

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1523	D	3H	5A	18	SS23

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 70 % Biogenic 30 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	20	80

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1553	D	3H	6A	10	SS24

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 92 % Biogenic 8 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	20	80

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1523	D	3H	6A	55	5525

Observer	DR

LITHOLOGY: _____ (dominant) _____ (minor)

COMPOSITION: % Terrigenous 97 % Biogenic 3 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	20	80

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	4H	1	27	5526

Observer	Ruthie

LITHOLOGY: muddy diatom ooze (dominant) _____ (minor)

COMPOSITION: % Terrigenous 25 % Biogenic 75 (=100%)

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

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

fairly intact, fg. fragments

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	4H	1	100	5527

Observer	Ruthie

LITHOLOGY: silty clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 93 % Biogenic 7 (=100%)

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

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

Ab. Code	Component
	BIOGENIC GRAINS
	Calcareous
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	Siliceous
	Radiolarians
TR	Diatoms
	Silicoflagellates
	Sponge spicules
R	Siliceous debris (undifferentiated) ~5-10%
	Others
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	4H	2	66	SS 28

Observer	Ruthie

LITHOLOGY: diatom-bearing silty clay (dominant) _____ (minor)

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

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

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

Ab. Code	Component
	BIOGENIC GRAINS
	Calcareous
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	Siliceous
TR	Radiolarians
R	Diatoms ~10%
	Silicoflagellates
	Sponge spicules
	Siliceous debris (undifferentiated)
	Others
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	4H	4	100	5529

Observer	Rothwell

LITHOLOGY: Silty clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 99 % Biogenic 1 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	20	80

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	4H	6	80	ss30

Observer	Rutile

LITHOLOGY: silty clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 100 % Biogenic _____ (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	25	75

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

Ab. Code	Component
	SILICICLASTIC GRAINS/MINERALS
	Framework minerals
	Quartz
	Feldspar
	K-feldspar
	Plagioclase
	Rock Fragments
	VOLCANIC/PLUTONIC GRAINS
	Euhedral crystals
	Vitric grain (glass, pumice)
	Palagonite (altered glass)
	ACCESSORY/TRACE MINERALS
	Sheet Silicates
	Biotite
	Muscovite
	Chlorite
	Fe-Mg silicates
	Amphibole (hornblende)
	Garnet
	Pyroxene
	Olivine
	Other indicator minerals
	Glauconite
	Chert
	Zircon
	Apatite
	Titanite (sphene)
	Carbonate
	Authigenic minerals
	Barite
K/C	Manganese Oxide ~ 10%
	Zeolite
	Opaque Minerals
	Pyrite
	Fe-oxide / Fe-hydroxide

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1233	D	5	1	85	SS31

Observer	Li

LITHOLOGY: clay (dominant) biosil-bearing (minor)

COMPOSITION: % Terrigenous 82 % Biogenic 18 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	5	95

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	5	1	73	5532

Observer	Li

LITHOLOGY: clay (dominant) 0 (minor)

COMPOSITION: % Terrigenous 100 % Biogenic 0 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	633	D	5H	2	71	5533

Observer	U

LITHOLOGY: clay (dominant) biosiliceous-rich (minor)

COMPOSITION: % Terrigenous 75 % Biogenic 25 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	17	83

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	5H	2	127	5534

Observer	

LITHOLOGY: clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 100 % Biogenic 0 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	10	90

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	5H	3	139	5535

Observer	

LITHOLOGY: Clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 95 % Biogenic 5 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	5H	4	58	SS38

Observer	Ruttie

LITHOLOGY: biosil-bearing clay (dominant) _____ (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≦ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

Ab. Code	Component
	BIOGENIC GRAINS
	Calcareous
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
R	Siliceous debris (undifferentiated) ~10%??
	Others
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Comments:

"proto" green unit?

biosiliceous ground mass, but no recognizable fossils...

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1535	D	5H	5	80	5539

Observer	

LITHOLOGY: Clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 95 % Biogenic 5 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

Ab. Code	Component
	BIOGENIC GRAINS
	Calcareous
	Foraminifers
	Nannofossils
	Calcareous debris (undifferentiated)
	Siliceous
	Radiolarians
	Diatoms
	Silicoflagellates
	Sponge spicules
R	Siliceous debris (undifferentiated) ~5%?
	Others
	Organic Debris
	Plant Debris
	Fish Remains (teeth, bones, scales)

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	5H	6	65	55336

Observer	

LITHOLOGY: Clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 99 % Biogenic 1% (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	5	95

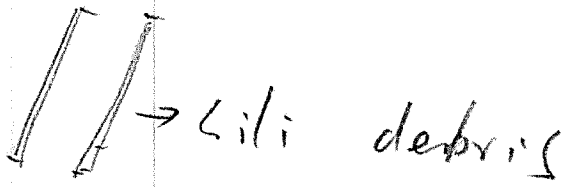
(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:



Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
378	1533	D	5H	6	65	SS40

Observer	Ruthie

LITHOLOGY: silty clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 93 % Biogenic 7 (=100%)

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

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
579	1533	D	5H	6	139	5544

Observer	Kathi R

LITHOLOGY: clay (dominant) _____ (minor)

COMPOSITION: % Terrigenous 100 % Biogenic 0 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	5	95

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	1533	D	1H	3W	105	55427

Observer	CDH

LITHOLOGY: Sand (dominant) _____ (minor)

COMPOSITION: % Terrigenous 98 % Biogenic 2 (=100%)

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
60	15	25

(= 100%)

Abundance Code
≤ 1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

Leg	Site	Hole	Core	Section	Position (cm) in core	Sm.Slide #
379	U533	D	5H	6	107	5537

Observer	CD

LITHOLOGY: clay (dominant) biosiliceous-clay (minor)

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

Siliciclastic texture (%)		
% Sand	% Silt	% Clay
	15	85

(= 100%)

Abundance Code
≤1% = **TR** (trace)
1% - 10% = **R** (rare)
10% - 25% = **C** (common)
25% - 50% = **A** (abundant)
> 50% = **D** (dominant)

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

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

Comments:

biosiliceous debris is common in ground mass.