

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: ML

Site: 1520

Hole: D Core: 14

Sect.: 7

Interval: 720

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>P</u>	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
<u>T</u>	Calcite
<u>T Pyroxide</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29 4

Expedition: 375

Observer: MG

Site: 1520

Hole: D Core: 114

Sect.: 3

Interval: 27

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>D</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
<u>T</u>	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>T</u>	Fossil debris
	Calcite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: 16

Site: 1520

Hole: Core: 214

Sect.: 7

Interval:

T/R/P/C/A/D/M	Vitric Components
	Color
	Glass (pyroclasts)
<u>M</u> <u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>D</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>R</u>	Elliptical
<u>E</u>	Elongate
<u>E</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
	Zircon
	Quartz
	Feldspar
<u>R</u>	Opaque
<u>T Chloride</u>	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
<u>R Pyrite</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.70

Expedition: 375

Observer: Rm

Site: 1520

Hole: D Core: 214

Sect.: 3

Interval: 75

T/R/P/C/A/D/M	Vitric Components
	Color
<u>C</u>	Glass (pyroclasts)
<u>D</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>R</u>	Round
<u>A</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
<u>T</u>	Zircon
<u>C</u>	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
<u>P Olivine</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
	Clay minerals
<u>C</u>	Fossil debris
	Calcite
<u>T Pyrite</u>	Authigenic mineral*

R Anatite

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: 124

Site: 1520

Hole: D Core: 4H

Sect.: 4

Interval: 119

T/R/P/C/A/D/M	Vitric Components
	Color
<u>D</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>D</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>A</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
<u>T</u>	Biotite
<u>T</u>	Zircon
<u>T</u>	Quartz
<u>P</u>	Feldspar
	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
<u>C</u>	Clay minerals
<u>P</u>	Fossil debris
<u>T</u>	Calcite
<u>R</u>	Authigenic mineral*

R Pyrite  
R blanchite  
T terrigenous matter

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 20.4.88  
 Observer: RA  
 Interval: 54

Expedition: 375

Site: 1520 Hole: D Core: 1514 Sect.: 1

T/R/P/C/A/D/M	Vitric Components
	Color
D	Glass (pyroclasts)
T	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
A	Blocky
D	Cusped
P	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
D	Non-vesicular
P	Round
P	Elliptical
P	Elongate
P	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
P	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
	Pyroxene
	Amphibole
	Biotite
T	Zircon
	Quartz
P	Feldspar
	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
R	Lithic Fragment
C	Clay minerals
P	Fossil debris
T	Calcite
T Pyrox	Authigenic mineral*

T Aluminosil  
 T FeOH

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 29.9.78

Expedition: 375

Observer: Pe

Site: 9520

Hole D Core: 15H

Sect.: 1

Interval: 105

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
<u>A</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>A</u>	Round
<u>C</u>	Elliptical
<u>P</u>	Elongate
<u>R</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>C</u>	Pyroxene
<u>T</u>	Amphibole
	Biotite
<u>R</u>	Zircon
	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
<u>R Andite</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
	Calcite
<u>R FeOx</u>	Authigenic mineral*

T Pyrite

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.10

Expedition: 375

Observer: Ru

Site: 7520

Hole: D Core: 15H

Sect.: 4

Interval: 73

T/R/P/C/A/D/M	Vitric Components
	Color
D	Glass (pyroclasts)
T	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
A	Blocky
A	Cusped
A	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
A	Non-vesicular
C	Round
C	Elliptical
C	Elongate
A	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
R	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
T	Pyroxene
P	Amphibole
	Biotite
	Zircon
T	Quartz
C	Feldspar
R	Opaque
R Aluminite	Other*
T/R/P/C/A/D/M	Admixed components
P	Lithic Fragment
	Clay minerals
C	Fossil debris
	Calcite
T Pyrite	Authigenic mineral*

T Blauconite  
T FeOlt

Comments:

Remarks:



**Sediment Smear Slide / Tephra Description**

Date: 29. 4. 78

Expedition: 275

Observer: Ne

Site: 1520

Hole: D Core: 774

Sect.: 3

Interval: 58

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>D</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>T</u>	Amphibole
<u>T</u>	Biotite
<u>T</u>	Zircon
<u>T</u>	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
<u>P</u>	Clay minerals
	Fossil debris
	Calcite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 28.4.18

Expedition: 375

Observer: Ru

Site: 1520

Hole: D Core: 20F

Sect.: 1

Interval: 127

T/R/P/C/A/D/M	Vitric Components
	Color
<u>G</u>	Glass (pyroclasts)
<u>A</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>C</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>A</u>	Round
<u>C</u>	Elliptical
<u>P</u>	Elongate
<u>R</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
<u>T</u>	Zircon
<u>P</u>	Quartz
<u>C</u>	Feldspar
<u>T</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
<u>A</u>	Clay minerals
<u>C</u>	Fossil debris
<u>P</u>	Calcite
<u>T Apite</u>	Authigenic mineral*

Comments:

Remarks: Mixed with background

**Sediment Smear Slide / Tephra Description**

Date: 28.4.08  
 Observer: Ku  
 Interval: 60

Expedition: 375

Site: 1520

Hole: D Core: 22 F

Sect.: R

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cuspate
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
<u>T</u>	Fossil debris
<u>T</u>	Calcite
<u>T</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 28.4.78

Expedition: 375

Observer: Na

Site: 1520

Hole: D Core: 22 F

Sect.: 2

Interval: 87

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
<u>T</u>	Zircon
	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
<u>P</u>	Clay minerals
<u>R</u>	Fossil debris
	Calcite
<u>T</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 28.4.18

Expedition: 375

Observer: Ra

Site: 7520

Hole: P Core: 26 F

Sect.: 7

Interval: 100

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusate
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>P</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 29.4.11

Expedition: 375

Observer: Ru

Site: 1500

Hole: D Core: 26 F

Sect.: 2

Interval: 9

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusate
<u>D</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
	Pyroxene
<u>R</u>	Amphibole
<u>R</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
<u>T Anatite</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
	Fossil debris
	Calcite
<u>T Pyrite</u>	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 29.4.

Expedition: 275

Observer: Mu

Site: 1520

Hole: D Core: 26 F

Sect.: 2

Interval: 20

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>D</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
	Pyroxene
<u>R</u>	Amphibole
<u>R</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
<u>T Anorth</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
	Calcite
<u>R Pyrit</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.10  
 Observer: Ru  
 Interval: 29

Expedition: 375  
 Site: 1520

Hole: Core: 26 P

Sect.: 4

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>P</u>	Amphibole
<u>P</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
<u>T Apatite</u>	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
	Authigenic mineral*

Comments:

Remarks:



**Sediment Smear Slide / Tephra Description**

Date: 28.4.18

Expedition: 375

Observer: Mc

Site: 1520

Hole: Core: 27 F

Sect.: 1

Interval: 98

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
<u>A</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>A</u>	Round
<u>C</u>	Elliptical
<u>R</u>	Elongate
<u>R</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>I</u>	Amphibole
	Biotite
	Zircon
	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
<u>T Olivine</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
<u>C</u>	Clay minerals
<u>R</u>	Fossil debris
	Calcite
<u>T Glauconite</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: Ru

Site: 1520

Hole: P Core: 27

Sect.: 2

Interval: 85

T/R/P/C/A/D/M	Vitric Components
	Color
M	Glass (pyroclasts)
T	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
C	Blocky
D	Cusate
C	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
b	Non-vesicular
P	Round
P	Elliptical
C	Elongate
A	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
P	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
T	Pyroxene
R	Amphibole
	Biotite
	Zircon
	Quartz
C	Feldspar
P	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
R	Lithic Fragment
	Clay minerals
P	Fossil debris
	Calcite
R Pyrite	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 28.4.78

Expedition: 375

Observer: Ra

Site: 1520

Hole: D Core: 27 A

Sect.: 3

Interval: 3

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cuspate
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
	Zircon
	Quartz
<u>C</u>	Feldspar
<u>P</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
	Calcite
<u>R</u>	Pyrite
<u>R P</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 28.4.

Expedition: 375

Observer: Ra

Site: 1520

Hole: Core: 27F

Sect.: 3

Interval: 79

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>D</u>	Cusped
<u>R</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>M</u>	Non-vesicular
<u>R</u>	Round
<u>R</u>	Elliptical
<u>P</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>T</u>	Amphibole
<u>T</u>	Biotite
<u>T</u>	Zircon
<u>T</u>	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
<u>R</u>	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18  
 Observer: Ru  
 Interval: 83

Expedition: 375

Site: 7520

Hole: D Core: 28F

Sect.: 1

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
<u>T</u>	Amphibole
<u>T</u>	Biotite
<u>T</u>	Zircon
	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
<u>T-Anatite</u>	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
	Calcite
<u>T</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: RG

Site: 1520

Hole: D Core: 35X

Sect.: CC

Interval: 3

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>P</u>	Amphibole
<u>R</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>P</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 29.4.18

Expedition: 375

Observer: Rg

Site: 1520 D

Hole: Core: 38X

Sect.: CC

Interval: 37

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>E</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>T</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
<u>R</u>	Clay minerals
<u>P</u>	Fossil debris
<u>R</u>	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.78

Expedition: 375

Observer: Pa

Site: 8520

Hole: D Core: 38X

Sect.: 2

Interval: 44

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
	Opaque
<u>T Anorthite</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
<u>T</u>	Calcite
<u>C</u>	Pyrite
<u>T glauconite</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_



**Sediment Smear Slide / Tephra Description**

Date: 28.4.17

Expedition: 375

Observer: Me

Site: 1500

Hole: D Core: 39X

Sect.: 2

Interval: 14-1

T/R/P/C/A/D/M	Vitric Components
	Color
<u>b</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>M</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
	Pyroxene
<u>P</u>	Amphibole
	Biotite
	Zircon
<u>T</u>	Quartz
<u>C</u>	Feldspar
	Opaque
<u>Tch/ant</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
	Clay minerals
<u>C</u>	Fossil debris
<u>P</u>	Calcite
<u>C</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.6.18

Expedition: 375

Observer: Na

Site: 1500

Hole: D Core: 39X

Sect.: 3

Interval: 23

T/R/P/C/A/D/M	Vitric Components
	Color
	Glass (pyroclasts)
<u>M</u> <u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>P</u>	Blocky
<u>E</u>	Cusped
<u>R</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>P</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
<u>T</u>	Zircon
	Quartz
	Feldspar
	Opaque
<u>R</u>	Other* <i>Allanite</i>
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 29.4.19  
 Observer: Ph  
 Interval: 65

Expedition: 375

Site: 1520

Hole: D Core: 39X

Sect.: 5

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
	Pyroxene
<u>T</u>	Amphibole
<u>T</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.4.18

Expedition: 375

Observer: hm

Site: 7520

Hole: D Core: 40 X

Sect.: 1

Interval: 59

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>R</u>	Round
<u>R</u>	Elliptical
<u>C</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
	Zircon
	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
<u>T Andite</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
<u>C</u>	Clay minerals
	Fossil debris
<u>P</u>	Calcite
<u>P</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.4.18

Expedition: 375

Observer: Ru

Site: 1520

Hole: D Core: 40 X

Sect.: CC

Interval: 40

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cuspate
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>P</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>R</u>	Amphibole
<u>T</u>	Biotite
<u>T</u>	Zircon
	Quartz
	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
	Clay minerals
	Fossil debris
	Calcite
	Pyrite
<u>T Glass</u>	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.9.10

Expedition: 375

Observer: Wm

Site: 1520

Hole: D Core: 44X

Sect.: 1

Interval: 85

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>D</u>	Blocky
<u>C</u>	Cusped
<u>P</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>M</u>	Non-vesicular
<u>R</u>	Round
<u>P</u>	Elliptical
<u>P</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
	Amphibole
	Biotite
<u>T</u>	Zircon
	Quartz
<u>P</u>	Feldspar
	Opaque
<u>T</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
<u>P</u>	Clay minerals
<u>R</u>	Fossil debris
<u>P</u>	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.4.18  
 Observer: RA  
 Interval: 20

Expedition: 375

Site: 1520

Hole: D Core: 47X

Sect.: 7

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>P</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>P</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>P</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>T</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
<u>T</u>	Zircon
	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
	Clay minerals
	Fossil debris
	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.9.98

Expedition: 375

Observer: Ra

Site: 7520

Hole: D Core: 49X

Sect.: CC

Interval: 37

T/R/P/C/A/D/M	Vitric Components
	Color
<u>D</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>C</u>	Round
<u>C</u>	Elliptical
<u>P</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
<u>P</u>	Amphibole
	Biotite
<u>T</u>	Zircon
	Quartz
<u>C</u>	Feldspar
<u>P</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
<u>C</u>	Clay minerals
<u>C</u>	Fossil debris
<u>P</u>	Calcite
<u>P</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_



**Sediment Smear Slide / Tephra Description**

Date: 304.18  
 Observer: na  
 Interval: 84

Expedition: 375

Site: 1520

Hole: D Core: 50X

Sect.: CC

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>P</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
<u>T</u>	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
	Clay minerals
	Fossil debris
<u>T</u>	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 30.4.18

Expedition: 395

Observer: Rg

Site: 1520

Hole: D Core: 57X

Sect.: 1

Interval: 25

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>P</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>D</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>T</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
<u>T</u>	Zircon
<u>T</u>	Quartz
<u>C</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
<u>R</u>	Clay minerals
<u>C</u>	Fossil debris
	Calcite
	Pyrite
<u>T Fe004</u>	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 30.4.18

Expedition: 375

Observer: Ry

Site: 1520

Hole: D Core: 51X

Sect.: 7A

Interval: 35

T/R/P/C/A/D/M	Vitric Components
	Color
<u>ny</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>P</u>	Blocky
<u>D</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>P</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
<u>P</u>	Clay minerals
<u>P</u>	Fossil debris
	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 0.5.18

Expedition: 375

Observer: Na

Site: 1520

Hole: D Core: 58

Sect.: 1

Interval: 30

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>C</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>P</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
<u>R</u>	Amphibole
	Biotite
	Zircon
	Quartz
	Feldspar
<u>P</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
<u>C</u>	Clay minerals
<u>P</u>	Fossil debris
<u>P</u>	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 2.5.18

Expedition: 375

Observer: NA

Site: 1520

Hole: D Core: 60X

Sect: 7

Interval: 14

T/R/P/C/A/D/M	Vitric Components
	Color
	Glass (pyroclasts)
<u>C</u> <u>D</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>A</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>A</u>	Round
<u>C</u>	Elliptical
<u>R</u>	Elongate
<u>T</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>C</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>P</u>	Opaque
<u>0/0/0/0/T</u>	Other*
T/R/P/C/A/D/M	Admixed components
<u>T</u>	Lithic Fragment
<u>C</u>	Clay minerals
<u>C</u>	Fossil debris
	Calcite
<u>R</u>	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 2578

Expedition: 575

Observer: Nu

Site: 1520

Hole: D Core: 62

Sect.: 2

Interval: 39

T/R/P/C/A/D/M	Vitric Components
	Color
<u>M</u>	Glass (pyroclasts)
<u>T</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>A</u>	Cusped
<u>D</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>R</u>	Round
<u>C</u>	Elliptical
<u>A</u>	Elongate
<u>A</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>R</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>R</u>	Opaque
	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
<u>C</u>	Clay minerals
<u>P</u>	Fossil debris
	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 2.5.18  
 Observer: Na  
 Interval: 90

Expedition: 375

Site: 1500

Hole: 0 Core: 62x

Sect.: 2

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
<u>A</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>A</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>A</u>	Non-vesicular
<u>C</u>	Round
<u>C</u>	Elliptical
<u>R</u>	Elongate
<u>R</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>C</u>	Volcanic lithic abundance (name)

T/R/P/C/A/D/M	Crystal components
<u>P</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
	Quartz
<u>P</u>	Feldspar
<u>P</u>	Opaque
<u>Feldspar</u>	Other*
T/R/P/C/A/D/M	Admixed components
	Lithic Fragment
<u>C</u>	Clay minerals
<u>C</u>	Fossil debris
<u>T</u>	Calcite
	Pyrite
	Authigenic mineral*

Comments:

Remarks: \_\_\_\_\_

\_\_\_\_\_