

SEM

Sediment Smear Slide / Tephra Description

Date: 14.3.18

Expedition: 375

Observer: Ree

Site: V1518  
TRPCADM

Hole: E Core: 1

Sect.: 2

Interval: 122

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

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

Pyrite

Comments:

Remarks:

SEM

Sediment Smear Slide / Tephra Description

Date: 16.3.18

Expedition: 375

Observer: Kc

Site: 3518

Hole: E

Core: 2

Sect.: 6

Interval: 110

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

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

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

SEM

Date: 16.3.18

Expedition: 375

Observer: 121

Site: 1518

Hole: B

Core: 3

Sect.: 1

Interval: 76

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

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

Alumina

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

SEM

Date: 16.3.78

Expedition: 375

Observer: K4

Site: 7518

Hole: E

Core: 3

Sect.: 1

Interval: 94

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

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

Pyrite

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 16.3.78

Expedition: 375

Observer: Her

Site: 1518

Hole: E

Core: 3

Sect.: 7

Interval: 90

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

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

Comments:

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

SEM Nice for Photography

Sediment Smear Slide / Tephra Description

Date: 17.3.78

Expedition: 375

Observer: Ru

Site: 7578

Hole: Core: 5

Sect.: 2

Interval: 17

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

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

Comments:  
 P = Srimel /  
 T = Allamit.  
 Srimel / Allamit

Remarks:

Sediment Smear Slide / Tephra Description

SEM

Date: 16.3.10

Expedition: 375

Observer: R4

Site: 7518

Hole: Core: 3

Sect.: 4

Interval: 93

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

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

Comments:

Rare Spinel + Allanite

Sp + Allanite

Remarks:

SEM

Sediment Smear Slide / Tephra Description

Date: 16.3.18

Expedition: 375

Observer: Ke

Site: 1518

Hole: E

Core: 3

Sect.: 6

Interval: 16

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

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

Pyrite

Comments:

Remarks:



**Sediment Smear Slide / Tephra Description**

Date: 11.3.18

Expedition: 375

Observer: RM

Site: 1518

Hole: F

Core: 1

Sect.: 6

Interval: 37

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

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

Pyx.

Comments:  
very coarse

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

SEM

Sediment Smear Slide / Tephra Description

Date: 14.3.18

Expedition: 375

Observer: PG

Site: 1518

Hole: E

Core: 1

Sect.: 4

Interval: 16

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

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

Pyrite

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 9.6.78

Expedition: 375

Observer: K

Site: 1518

Hole: E

Core: 7

Sect.: 4

Interval: 18

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

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

Pyrite

Comments:

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

**Sediment Smear Slide / Tephra Description**

Date: 14.3.12  
 Observer: Ky  
 Interval: 121

Expedition: 375

Site: 1518 Hole: E Core: 1 Sect.: 4

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

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

*Allanite*

*Apate*

Comments:

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

SEM

Sediment Smear Slide / Tephra Description

Date: 15.3.17

Expedition: 375

Observer: Rg

Site: 1518

Hole: Core: 2

Sect.: 1

Interval: 120

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

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

Pyrite

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 16.3.10

Expedition: 375

Observer: 124

Site: V1518

Hole: E

Core: 2

Sect.: 3

Interval: 24

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

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

Comments:

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

**Sediment Smear Slide / Tephra Description**

Date: 16317

Expedition: 375

Observer: Ru

Site: 1518

Hole: E Core: 2

Sect.: 3

Interval: 96

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

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

Pyrite

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 17.3.18

Expedition: 375

Observer: Ken

Site: 1518

Hole:

Core: 5

Sect.: 1

Interval: 6

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

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

Pyrite

Comments:

Remarks:



**Sediment Smear Slide / Tephra Description**

Date: 9/23/18

Expedition: 375

Observer: ku

Site: 1518

Hole: E

Core: 5

Sect.: 1

Interval: 40

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

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

Comments:  
Small rare

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

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 17318

Expedition: 375

Observer: 164

Site: 7518

Hole: E

Core: 5

Sect.: 1

Interval: 52

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

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

Comments:

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

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: \_\_\_\_\_

Expedition: 375

Observer: 161

Site: 1578

Hole: Core: 6

Sect.: 2

Interval: 96

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>C</u>	Cusped
<u>R</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>D</u>	Non-vesicular
<u>P</u>	Round
<u>R</u>	Elliptical
<u>R</u>	Elongate
<u>T</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>R</u>	Pyroxene
<u>T</u>	Amphibole
	Biotite
	Zircon
<u>C</u>	Quartz
<u>C</u>	Feldspar
	Other*
T/R/P/C/A/D/M	Admixed components
<u>R</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
	Authigenic mineral*

Comments:

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

**Sediment Smear Slide / Tephra Description**

Date: 17.3

Expedition: 375

Observer: 161

Site: 1578

Hole: Core: 7

Sect.: 3

Interval: 15

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>A</u>	Blocky
<u>C</u>	Cuspate
<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>P</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
	Amphibole
	Biotite
	Zircon
<u>C</u>	Quartz
<u>C</u>	Feldspar
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
	Clay minerals
<u>P</u>	Fossil debris
	Authigenic mineral*

Comments:

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

\_\_\_\_\_

**Sediment Smear Slide / Tephra Description**

Date: 17.3.18

Expedition: 375

Observer: Mu

Site: 1598

Hole: Core: g

Sect.: 3

Interval: 8

T/R/P/C/A/D/M	Vitric Components
	Color
<u>A</u>	Glass (pyroclasts)
<u>R</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>C</u>	Blocky
<u>C</u>	Cusped
<u>C</u>	Pumiceous
T/R/P/C/A/D/M	Vesicle Content/Shape
<u>C</u>	Non-vesicular
<u>A</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>P</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>R</u>	Pyroxene
	Amphibole
	Biotite
	Zircon
<u>P</u>	Quartz
<u>P</u>	Feldspar
	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>	Authigenic mineral*

Pyrite

Comments:

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

**Sediment Smear Slide / Tephra Description**

Date: 77.3.18

Expedition: 375

Observer: Plu

Site: 1598

Hole: Core: 9

Sect.: 3

Interval: 27

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>C</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>P</u>	Elliptical
<u>C</u>	Elongate
<u>C</u>	Tubular
T/R/P/C/A/D/M	Crystalline Lithic
<u>D</u>	Volcanic lithic abundance (name)

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

Apurite

Comments:

Remarks:

**Sediment Smear Slide / Tephra Description**

Date: 21.3.78

Expedition: 375

Observer: Rm

Site: 1578

Hole: E Core: 1014

Sect.: 7

Interval: 52

T/R/P/C/A/D/M	Vitric Components
	Color
<u>D</u>	Glass (pyroclasts)
<u>R</u>	Glass (pyroclasts), brown or colored
T/R/P/C/A/D/M	Shape
<u>U</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>R</u>	Round
<u>P</u>	Elliptical
<u>C</u>	Elongate
<u>U</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>K</u>	Amphibole
<u>K</u>	Biotite
	Zircon
<u>T</u>	Quartz
<u>A</u>	Feldspar
	Other*
T/R/P/C/A/D/M	Admixed components
<u>P</u>	Lithic Fragment
	Clay minerals
<u>R</u>	Fossil debris
<u>P</u>	Authigenic mineral*

Pyrite

Comments:

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

