

K 208-1 (Sep. 4. 2001)

Described by T. Sisson

Sample Size : X= 11 cm, Y= 5 cm, Z= 4 cm; Weight: 100g

Mn coating : 0 mm; Color (inside the rock): charcoal grey

Alteration: no* weak strong; Vesicularity 2-5 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= olivine 2 %, %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks__finely vesicular, nearly aphyrid basalt

_____plasioclase visible in groundmass, probably well crystallized pillow interior

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

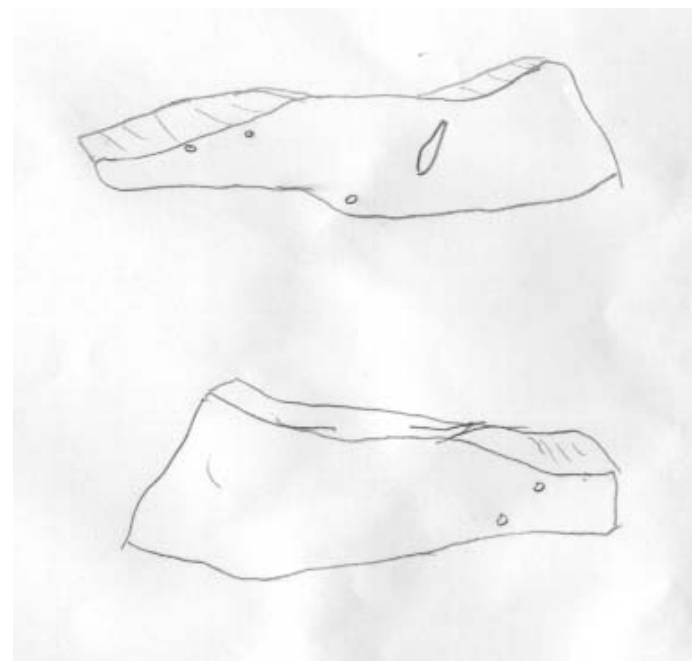
Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure:_____



K 208-2a (Sep. 4. 2001)

Described by P. Lipman

Sample Size : X= 11 cm, Y= 10 cm, Z= 7 cm; **Weight:** 700g

Mn coating : 0 mm; **Color (inside the rock):** black

Alteration: no* weak strong; **Vesicularity** -5% %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	<1 %,	%
Others	Phenocrysts=	%,	%

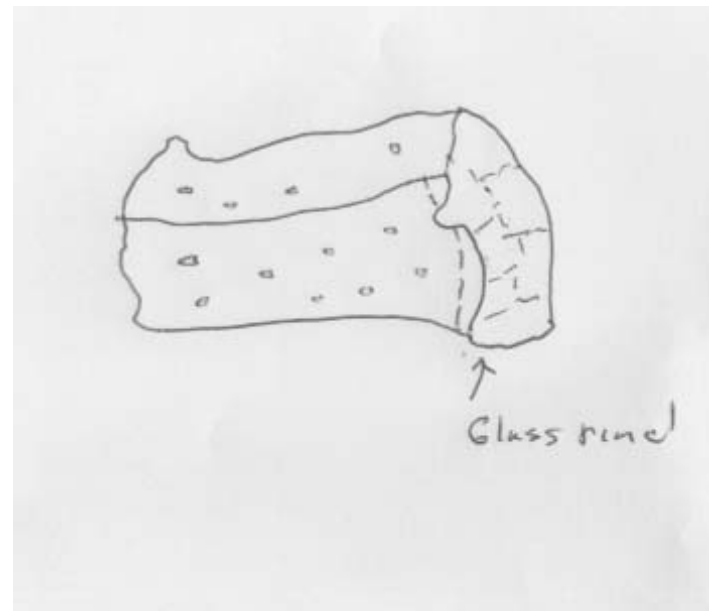
Remarks _____

Prismatic pillow fragment

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly
 Rock type: aphyric B, porphritic B, picrite, others
 Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <
 Sorting : well-----poorly
 Roundness : round-----angular
 Fabric: clast-support ----- matrix support
 Grading normal-----none-----reverse
 Matri silt sand paragonaite volcanic glass
 Lithified or unlithified

Sedimentary structure: _____



K 208-2b (Sep. 4. 2001)

Described by M. Coombs

Sample Size : X= 14 cm, Y= 10 cm, Z= 10 cm; Weight: 1kg

Mn coating : 0 mm; Color (inside the rock): dk grey

Alteration: no weak* strong; Vesicularity 2 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 5 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt* Phenocrysts= ol 1 %, pl 1 %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks__ _Nearly aphyric pillow basalt

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

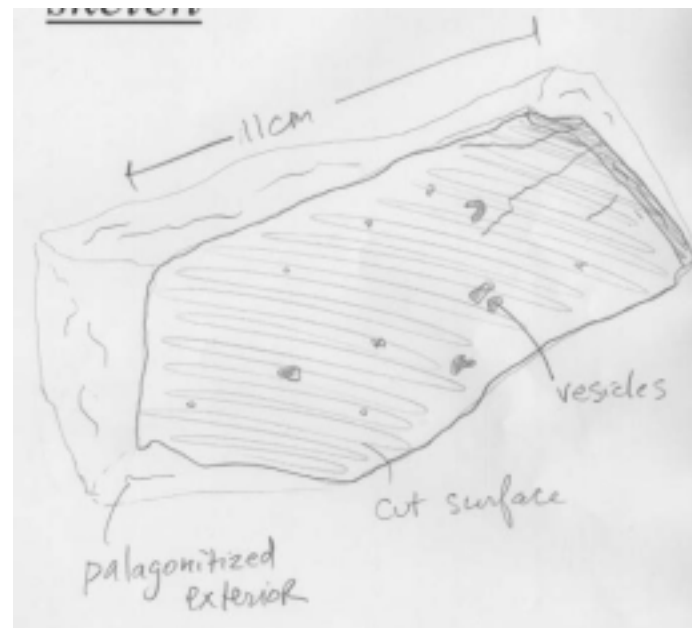
Roundness : round-----angular

Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonite volcanic glass
Lithified or un lithified

Sedimentary structure:_____



K 208-3 (Sep. 4. 2001)

Described by Y. Orihashi

Sample Size : X= 15 cm, Y= 13 cm, Z= 11 cm; **Weight:** 1kg

Mn coating : 0 mm; **Color (inside the rock):** black

Alteration: no weak* strong; **Vesicularity** <3 %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass partly 1-2 mm

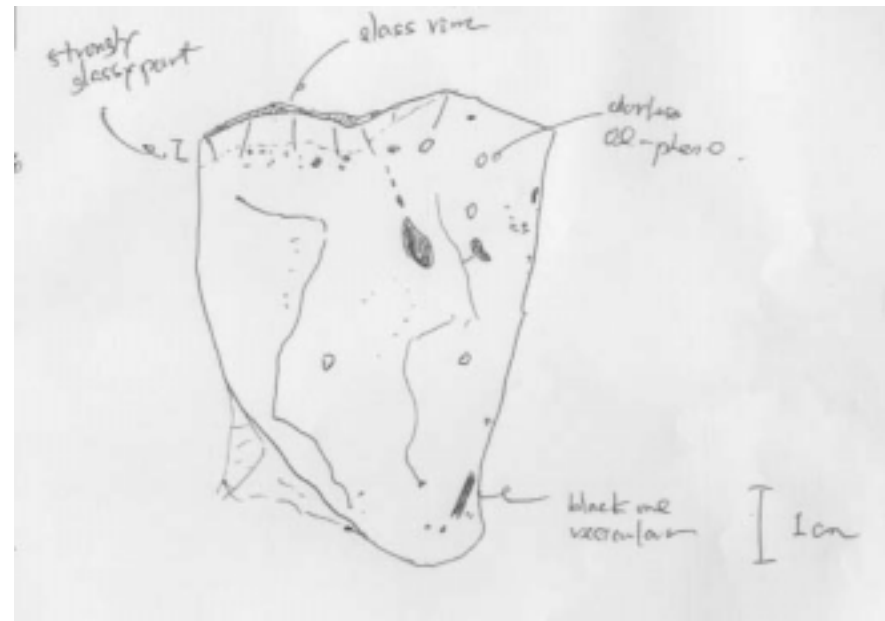
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock *	Phenocrysts=	<1 %,	%
Others	Phenocrysts=	%,	%

Remarks___fresh glass on the surface

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.:	mono	poly
Rock type:	aphyric B, porphyritic B, picrite, others	
Grain size (mm) :	< 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <	
Sorting :	well-----	poorly
Roundness :	round-----	angular
Fabric:	clast-support -----	matrix support
Grading	normal-----	none-----reverse
Matri	silt sand paragonaite volcanic glass	
	Lithified or un lithified	

Sedimentary structure:_____



K 208-4 (Sep. 4. 2001)

Described by T. Hanyu

Sample Size : X= 17 cm, Y= 14 cm, Z= 11 cm; **Weight:** 2kg

Mn coating : 0 mm; **Color (inside the rock):** black

Alteration: no* weak strong; **Vesicularity** 5 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 5 mm

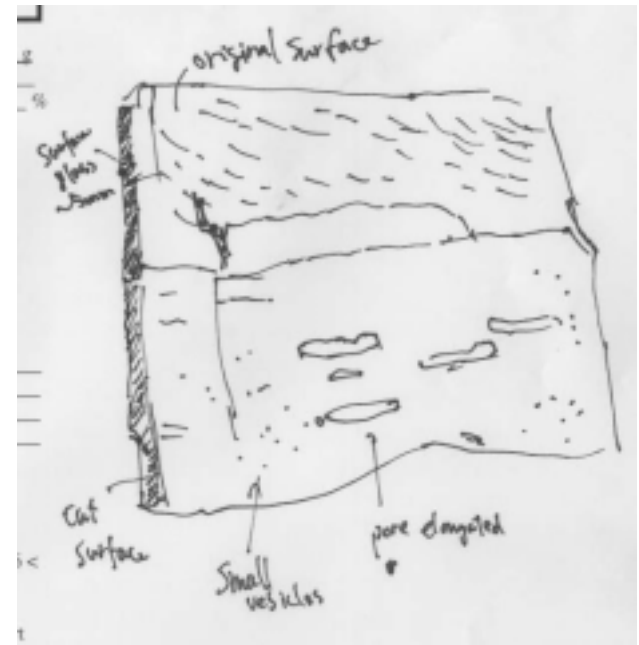
Picrite:	Phenocrysts=	%,	%
Ol basalt*	Phenocrysts=	2 %,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks _____

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.:	mono	poly
Rock type:	aphyric B, porphyritic B, picrite, others	
Grain size (mm) :	< 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <	
Sorting :	well-----	poorly
Roundness :	round-----	angular
Fabric:	clast-support -----	matrix support
Grading	normal-----	none-----reverse
Matri	silt sand paragonaite volcanic glass	
	Lithified or un lithified	

Sedimentary structure: _____



K 208-5a (Sep. 4. 2001)

Described by T. Hanyu

Sample Size : X= 10 cm, Y= 7 cm, Z= 6 cm; Weight: 200 g

Mn coating : 0 mm; Color (inside the rock): black

Alteration: no* weak strong; Vesicularity 5 %

Lithology: monomict*or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock* Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks _____

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

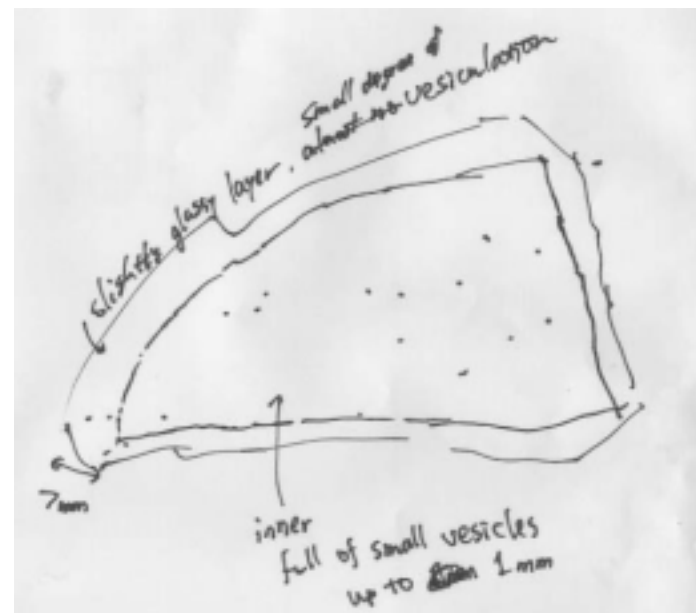
Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 208-5b (Sep. 4. 2001)

Described by T. Kani

Sample Size : X= 12 cm, Y= 10 cm, Z= 8 cm; Weight: 600 g

Mn coating : 0 mm; Color (inside the rock): black

Alteration: no* weak strong; Vesicularity <5 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 3 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock* Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks _____

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

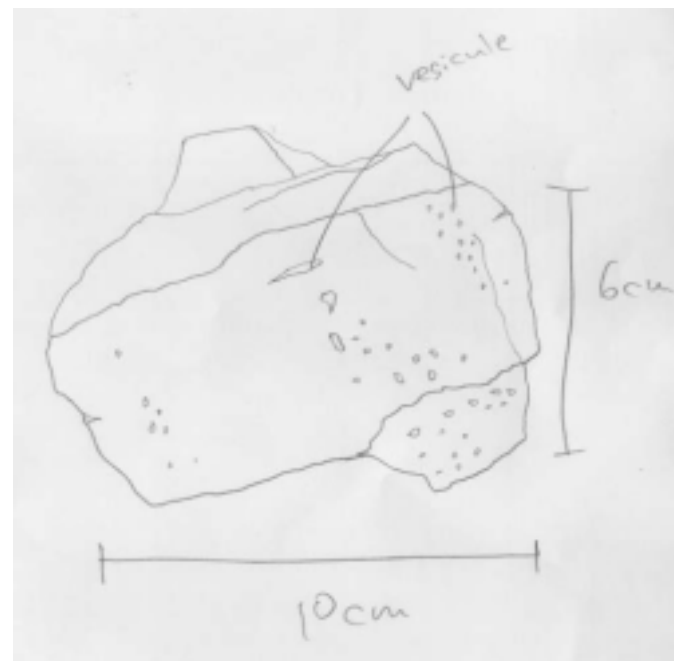
Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____



K 208-6 (Sep. 4. 2001)

Described by J. Kimura

Sample Size : X= 18 cm, Y= 13 cm, Z= 13 cm; Weight: 2kg
Mn coating : 0 mm; Color (inside the rock): black
Alteration: no* weak strong; Vesicularity _____ %
Lithology: monomict or polymict
Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

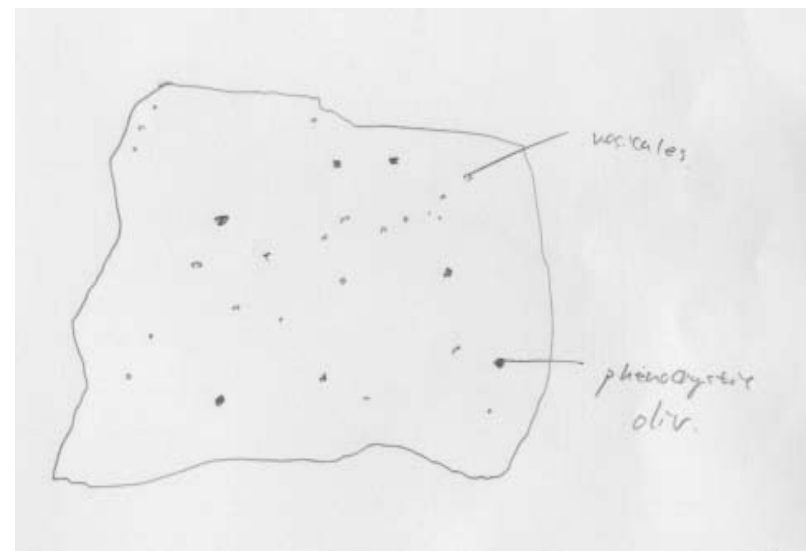
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	ol: 1-2 %,	%
Others	Phenocrysts=	%,	%

Remarks _____

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly
Rock type: aphyric B, porphyritic B, picrite, others
Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <
Sorting : well-----poorly
Roundness : round-----angular
Fabric: clast-support ----- matrix support
Grading normal-----none-----reverse
Matri silt sand paragonaite volcanic glass
Lithified or un lithified

Sedimentary structure: _____



K 208-7 (Sep. 4. 2001)

Described by E. Takahashi

Sample Size : X= 20 cm, Y= 20 cm, Z= 12 cm; **Weight:** 3.5kg

Mn coating : 0 mm; **Color (inside the rock):** dark grey

Alteration: no* weak strong; **Vesicularity** 3-5 %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

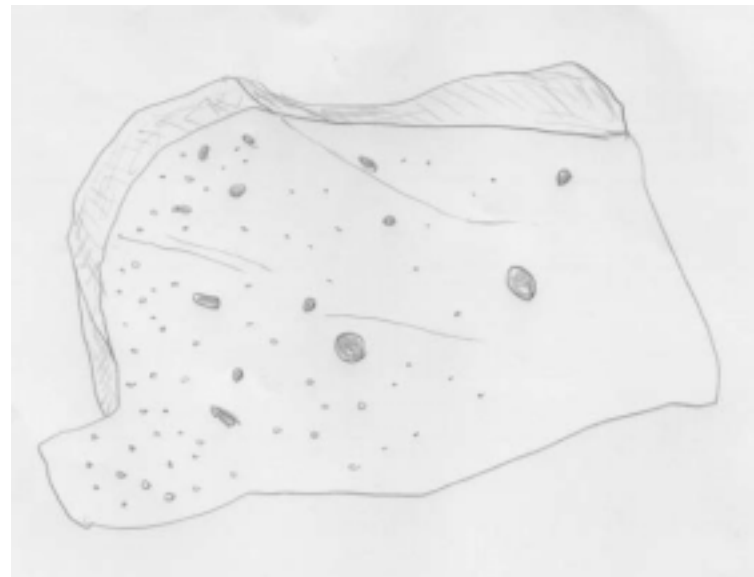
Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	<0.1 %,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks_aphyric basalt with small olivine

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.:	mono	poly
Rock type:	aphyric B, porphyritic B, picrite, others	
Grain size (mm) :	< 1 – 2 – 4 – 8 – 16 – 32 – 64 – 128 – 256 <	
Sorting :	well-----	poorly
Roundness :	round-----	angular
Fabric:	clast-support -----	matrix support
Grading	normal-----	none-----reverse
Matri	silt sand paragonaite volcanic glass	
	Lithified or un lithified	

Sedimentary structure: _____



K 208-8 (Sep. 4. 2001)

Described by H. Yokose

Sample Size : X= 21 cm, Y= 16 cm, Z= 15 cm; **Weight:** 2kg

Mn coating : 0 mm; **Color (inside the rock):** black

Alteration: no* weak strong; **Vesicularity** 7 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass _____ mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock *Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks pillow lava

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

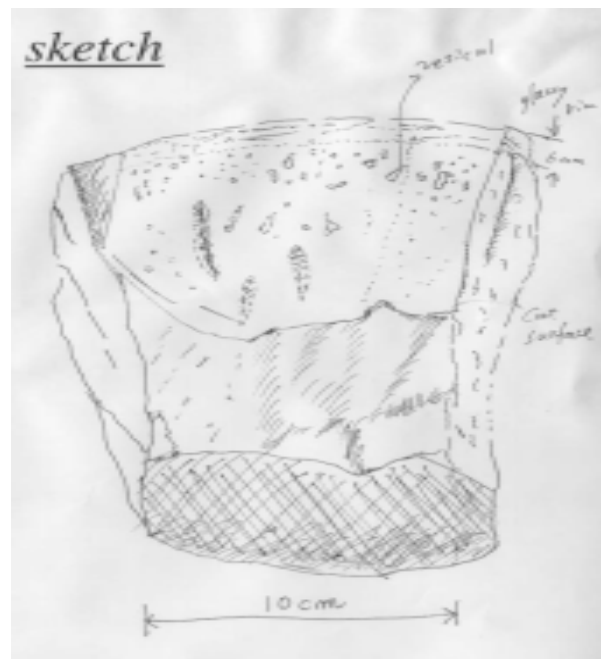
Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 208-9 (Sep. 4. 2001)

Described by M. Coombs

Sample Size : X= 16 cm, Y= 15 cm, Z= 12 cm; **Weight:** 2kg

Mn coating : 0 mm; **Color (inside the rock):** dk grey

Alteration: no weak* strong; **Vesicularity** -4 %

Lithology: monomict* or polymict

Occurrence: lava * hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 3-9 mm

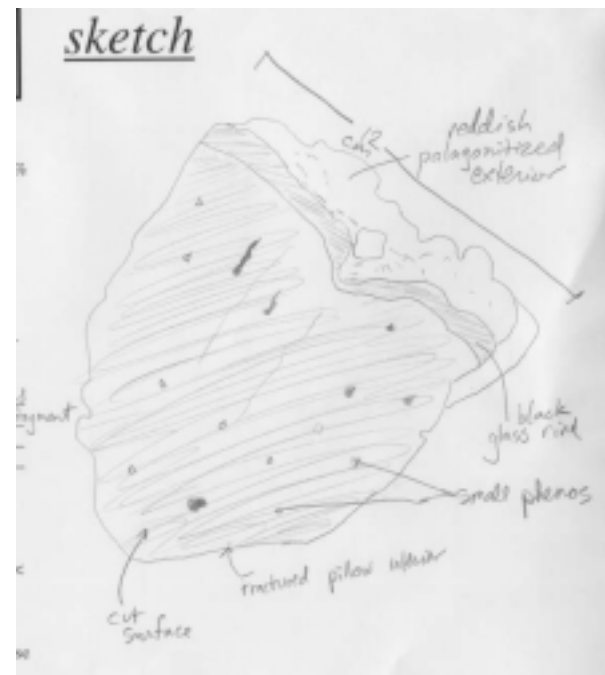
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt*	Phenocrysts=	ol: 3 %, pl: 2 %	
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks__vnggy vesicles concentrated near glass . Small phenos . Pillow basalt fragment

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.:	mono	poly
Rock type:	aphyric B, porphyritic B, picrite, others	
Grain size (mm) :	< 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <	
Sorting :	well-----	poorly
Roundness :	round-----	angular
Fabric:	clast-support -----	matrix support
Grading	normal-----	none-----reverse
Matri	silt sand paragonite volcanic glass	Lithified or un lithified

Sedimentary structure: _____



K 208-10 (Sep. 4. 2001)

Described by P. Lipman

Sample Size : X= 21 cm, Y= 9 cm, Z= 9 cm; **Weight:** 1.3kg

Mn coating : 0 mm; **Color (inside the rock):** black

Alteration: no* weak strong; **Vesicularity** 5 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock Phenocrysts= -1%, %

Others Phenocrysts= %, %

Remarks finely crystalline groundmass



Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 208-11 (Sep. 4. 2001)

Described by E. Takahashi

Sample Size : X= 11 cm, Y= 7 cm, Z= 6 cm; **Weight:** 150g

Mn coating : 0 mm; **Color (inside the rock):** dark grey

Alteration: no* weak strong; **Vesicularity** -1 %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= <1 %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks ___aphysic basalt with rare small olivine _____

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 208-12 (Sep. 4. 2001)

Described by Y. Orihashi

Sample Size : X= 25 cm, Y= 16 cm, Z= 11 cm; Weight: 2kg

Mn coating : 0 mm; Color (inside the rock): black

Alteration: no weak* strong; Vesicularity 5 %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

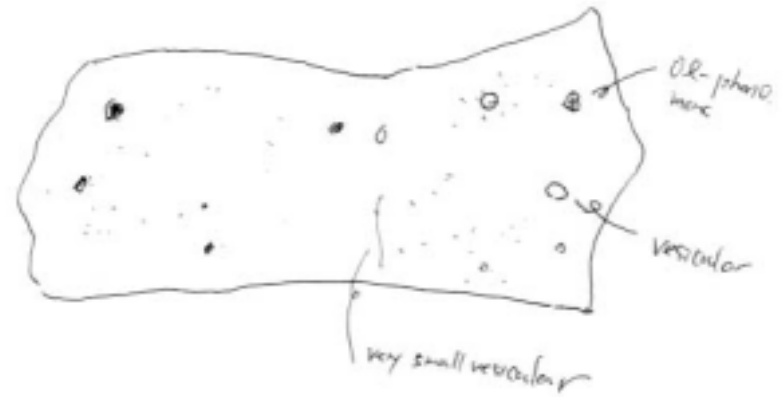
Picrite:	Phenocrysts=		%,		%
Ol basalt*	Phenocrysts=	3-5	%,		%
Pl-ol basalt	Phenocrysts=		%,		%
Aphyric rock	Phenocrysts=		%,		%
Others	Phenocrysts=		%,		%

Remarks _____

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.:	mono	poly
Rock type:	aphyric B, porphritic B, picrite, others	
Grain size (mm) :	< 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <	
Sorting :	well-----	poorly
Roundness :	round-----	angular
Fabric:	clast-support -----	matrix support
Grading	normal-----	none-----reverse
Matri	silt sand paragonaite volcanic glass	Lithified or un lithified

Sedimentary structure: _____



K 208-13 (Sep. 4. 2001)

Described by N. Noguchi

Sample Size : X= 19 cm, Y= 17 cm, Z= 12 cm; Weight: 1.8kg

Mn coating : 0 mm; Color (inside the rock): dark grey

Alteration: no weak* strong; Vesicularity 5 %

Lithology: monomict* or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt* Phenocrysts= ol: 5 %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks _____

Volcaniclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

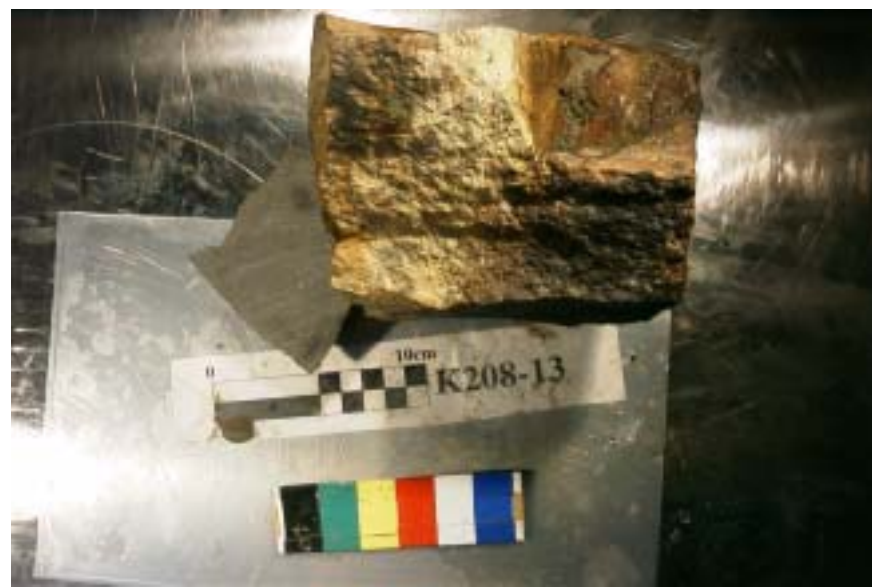
Roundness : round-----angular

Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass
Lithified or un lithified

Sedimentary structure: _____



K 208-14 (Sep. 4. 2001)

Described by T. Hanyu

Sample Size : X= 14 cm, Y= 11 cm, Z= 9 cm; Weight: 1kg

Mn coating : 0 mm; Color (inside the rock): black

Alteration: no* weak strong; Vesicularity 5 %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 0 mm

Picrite: Phenocrysts= %, %

Ol basalt* Phenocrysts- ol: 5 %, %

Pl-ol basalt Phenocrysts= %, %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks _____

Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly

Rock type: aphyric B, porphyritic B, picrite, others

Grain size (mm) : < 1 - 2 - 4 - 8 - 16 - 32 - 64 - 128 - 256 <

Sorting : well-----poorly

Roundness : round-----angular

Fabric: clast-support ----- matrix support

Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____

