

K 204-1 (Aug. 28. 2001)

Described by N. Noguchi

Sample Size : X= 12cm, Y= 10cm, Z= 6cm; Weight: 400 g

Mn coating : 1 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 _____5_____mm

Picrite: Phenocrysts= _____%, _____%

Ol basalt Phenocrysts= 10 _____%, _____%

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

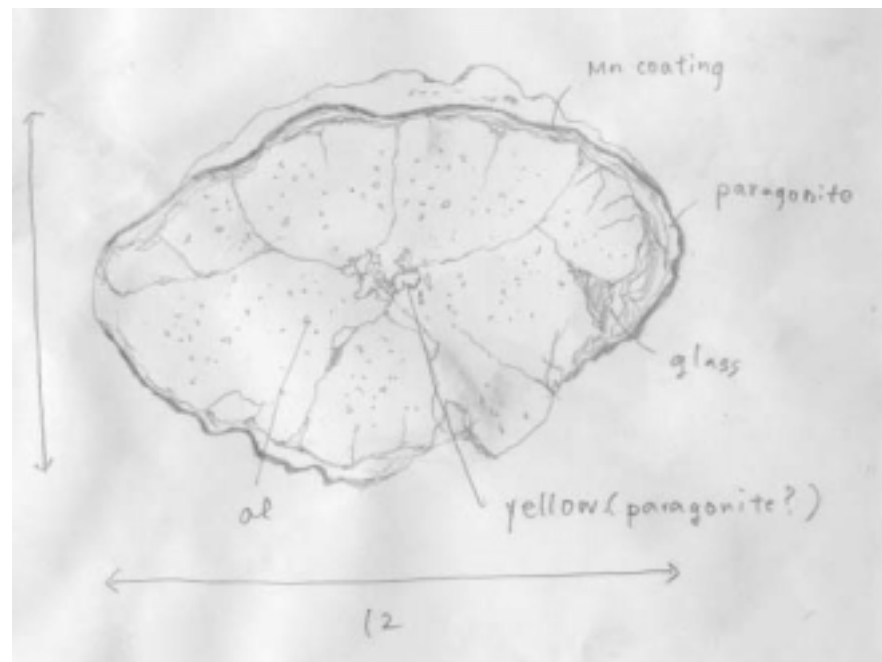
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonite volcanic glass

Lithified or unlithified

Sedimentary structure:_____



K 204-2 (Aug. 28. 2001)

Described by Z. Y. Ren

Sample Size : X= 9 cm, Y= 7cm, Z= 4cm; Weight: 100g

Mn coating : 1 mm; Color (inside the rock): black

Alteration: no weak* strong; Vesicularity 50 %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass none mm

Picrite: Phenocrysts= %, %

Ol basalt Phenocrysts= %, %

Pl-ol basalt Phenocrysts= Pl; 10 %, %

Aphyric rock Phenocrysts= %, %

Others Phenocrysts= %, %

Remarks highly vesicular 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

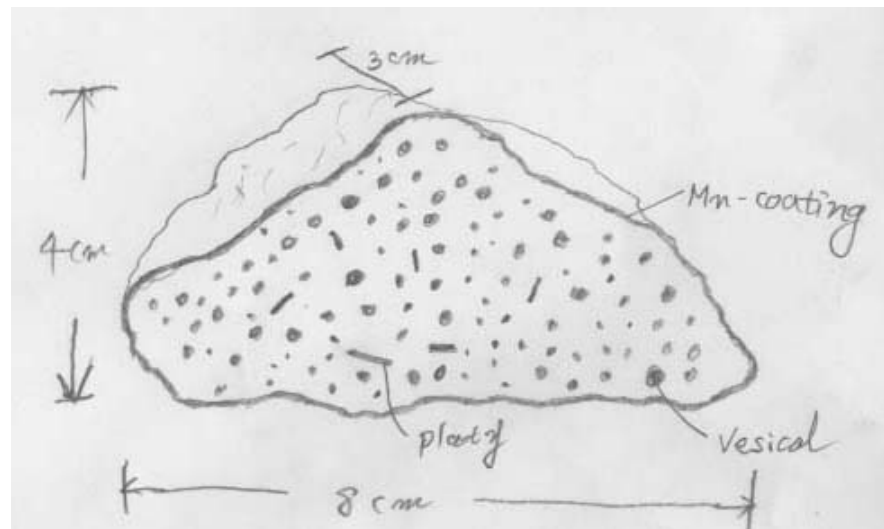
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 204-3A (Aug. 28 .2001)

Described by H. Mashima_____

Sample Size : X= 14cm, Y= 10 cm, Z= 7 cm; Weight: 1000g

Mn coating : mm; Color (inside the rock):black_____

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= 10 _____ %, _____ %

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

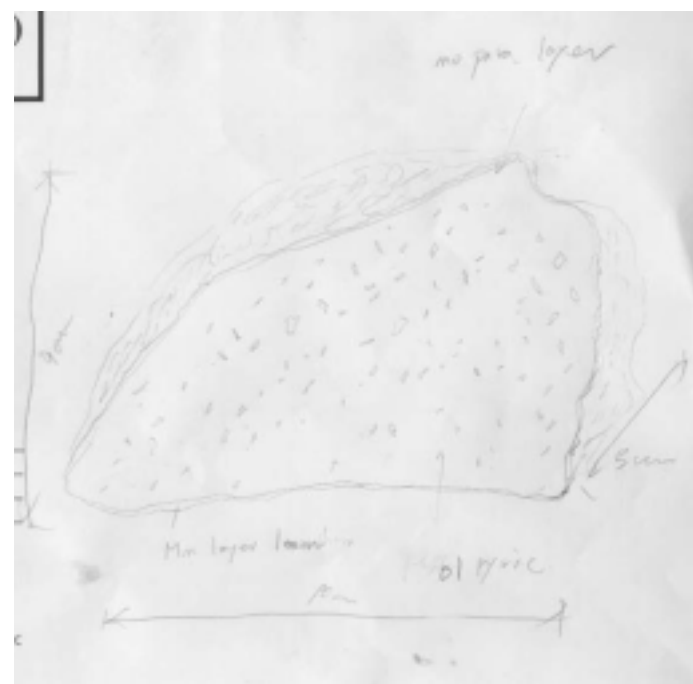
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonite volcanic glass

Lithified or unlithified

Sedimentary structure:_____



K 204-3B (Aug. 28 . 2001)

Described by T. Kani

Sample Size : X= 25cm, Y= 25 cm, Z= 17 cm; Weight: 11kg

Mn coating : 1 mm; Color (inside the rock): _____

Alteration: no weak* strong; Vesicularity <1__ %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass _____ 1-6 _____ mm

Picrite: Phenocrysts= _____ %, _____ %

Ol basalt * Phenocrysts= Ol; 10 %, _____ %

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 204-4 (Aug. 28. 2001)

Described by T. Kani

Sample Size : X= 25cm, Y= 15 cm, Z= 15cm; **Weight:** 9000g
Mn coating : 1 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 _____ mm

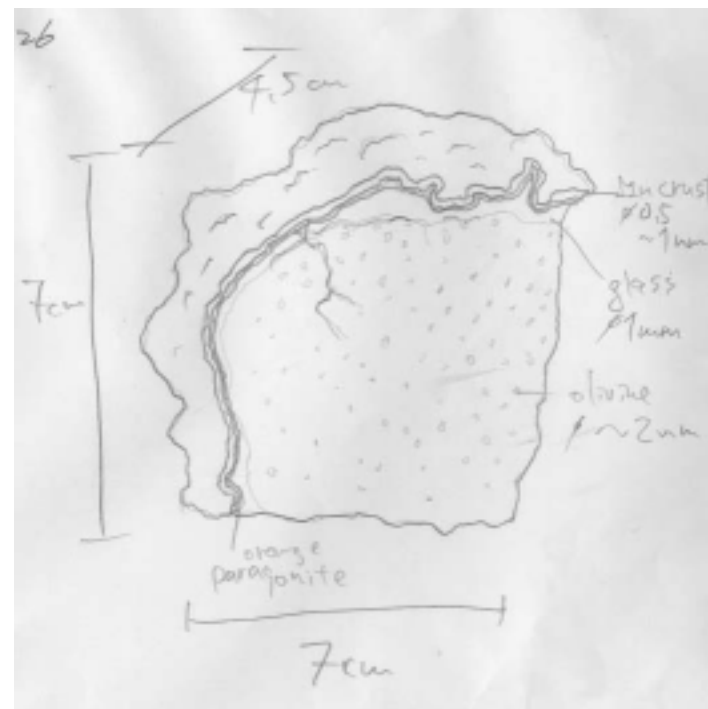
Picrite:	Phenocrysts=	%,	%
Ol basalt*	Phenocrysts=	10 %,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

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: _____



K 204-5A (Aug. 28. 2001)

Described by T. Kani_____

Sample Size : X= 6cm, Y= 5 cm, Z= 4 cm; Weight: 150 g

Mn coating : 2 mm; Color (inside the rock): black

Alteration: no weak* strong; Vesicularity 0 %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcaniclastics others

Rock types (lava and hyaloclastite)

Thickness of glass _____ mm

Picrite: Phenocrysts= _____ %, _____ %

Ol basalt * Phenocrysts= 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

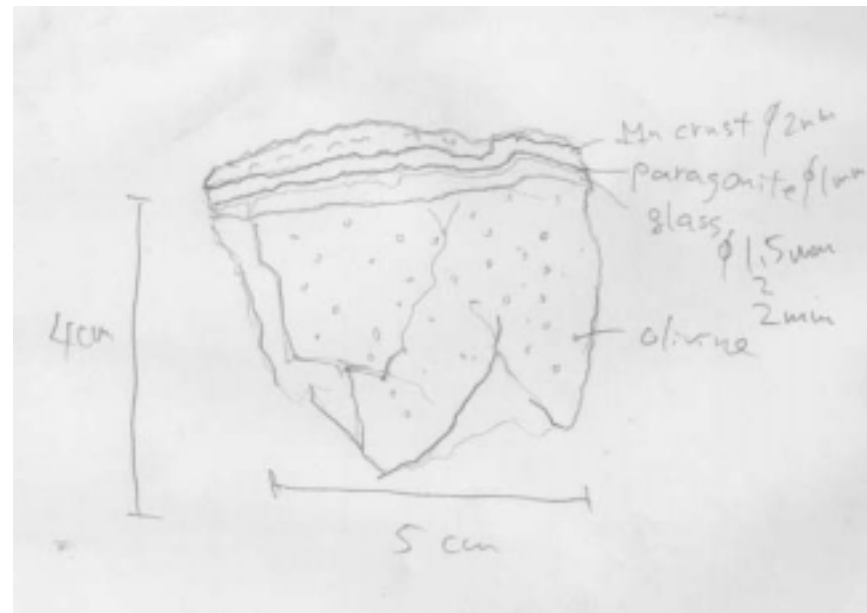
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____



K 204-5B (Aug. 28. 2001)

Described by M. Mashima

Sample Size : X= cm, Y= cm, Z= cm; Weight: 800 g

Mn coating : <0.5 mm; Color (inside the rock): dark green

Alteration: no* weak strong; Vesicularity several %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 3-8 mm

Picrite: Phenocrysts= % , %

Ol basalt* Phenocrysts= 15 % , %

Pl-ol basalt Phenocrysts= % , %

Aphyric rock Phenocrysts= % , %

Others Phenocrysts= % , %

Remarks porphyritic

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

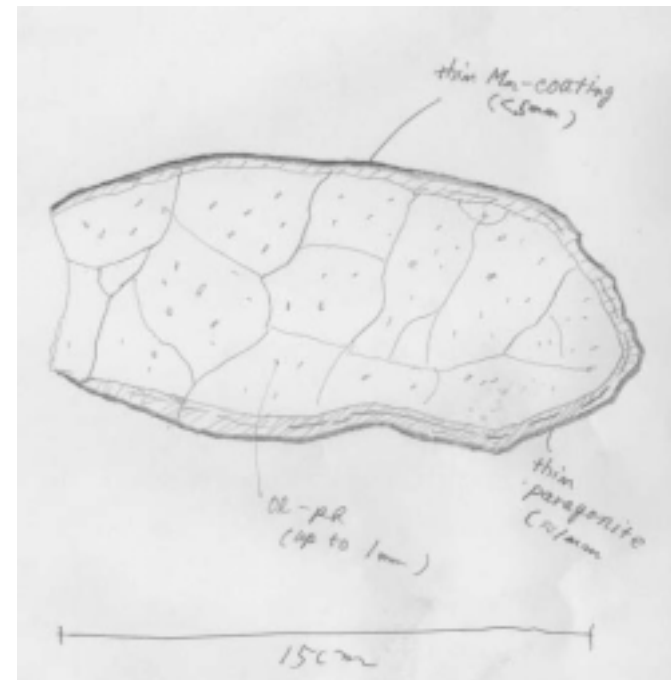
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____



K 204-6A (Aug. 28. 2001)

Described by E. Takahashi

Sample Size : X= 18cm, Y= 12cm, Z= 12 cm; Weight: 3000g

Mn coating : <1 mm; Color (inside the rock): _____

Alteration: no weak * strong; Vesicularity 0.1 %

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 1-2 mm

Picrite: Phenocrysts= %, %

Ol basalt* Phenocrysts= Ol; 10 %, Pl; 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

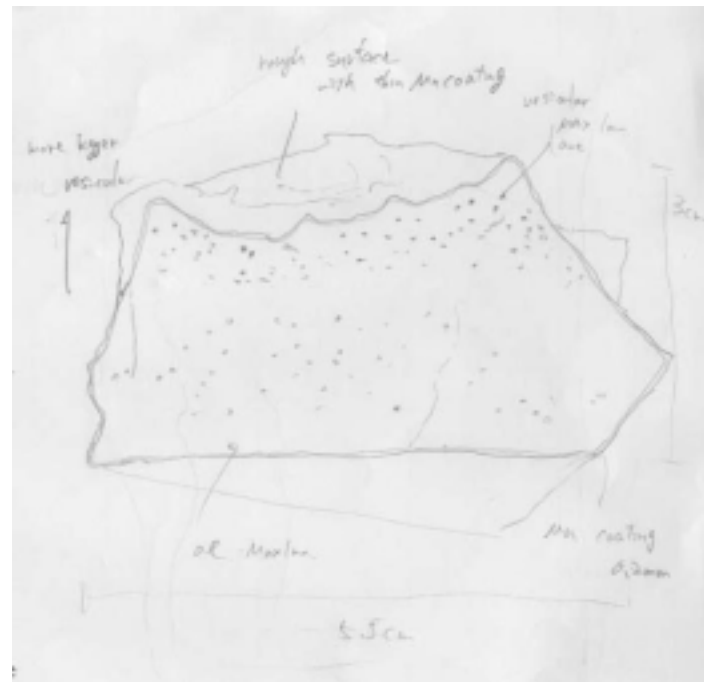
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 204-6B (Aug. 28 , 2001)

Described by J. kunihigo

Sample Size : X= 11 cm, Y= 8cm, Z= 3cm; **Weight:** 150g

Mn coating : 0.2 mm; **Color (inside the rock):** dark green

Alteration: no * weak strong; **Vesicularity** 10 %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcaniclastics others

Rock types (lava and hyaloclastite)

Thickness of glass _____ none _____ mm

Picrite: Phenocrysts= _____ %, _____ %

Ol basalt * Phenocrysts= Ol.; 10 _____ %, _____ %

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, porphritic B, picrite, others

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

Sorting : well-----poorly

Roundness : round-----angular

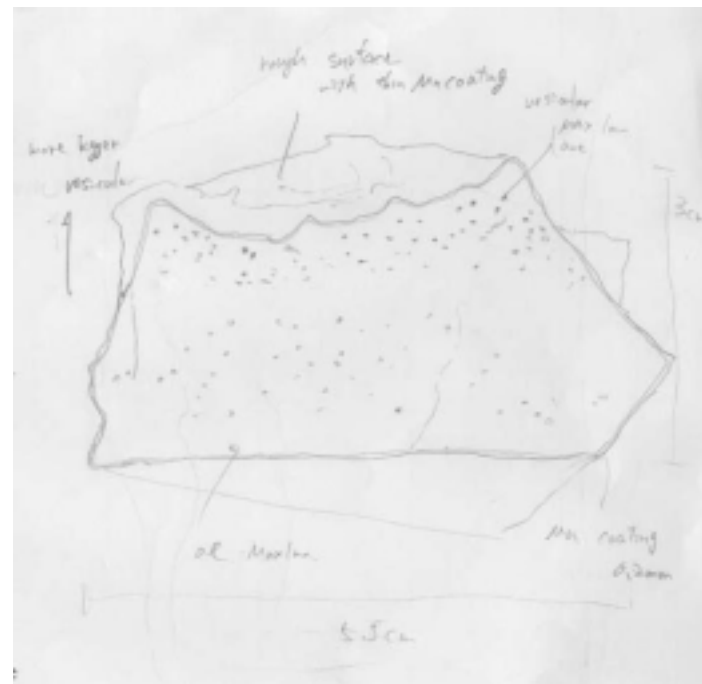
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: _____



K 204-6C (Aug. 28 , 2001)

Described by Z. Y. Ren_____

Sample Size : X= 18 cm, Y= 16 cm, Z= 17cm; **Weight:** 2500g
Mn coating : 1.3 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 _____ 3-5 _____ mm

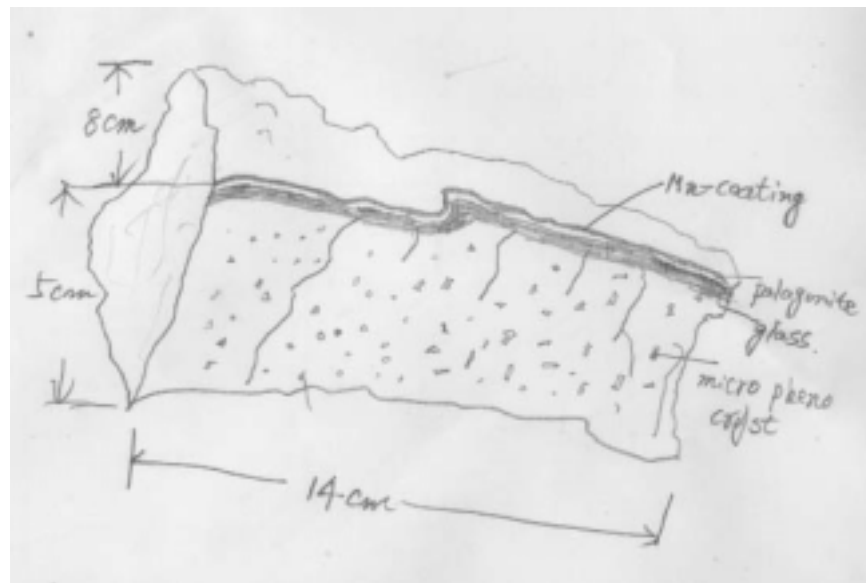
Picrite:	Phenocrysts=	%,		%	
Ol basalt	Phenocrysts=	%,		%	
Pl-ol basalt*	Phenocrysts=	Pl; 10	%,	Ol; 1	%
Aphyric rock	Phenocrysts=	%,		%	
Others	Phenocrysts=	%,		%	

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 204-7 (Aug. 28 . 2001)

Described by M. Coombs__

Sample Size : X= 22cm, Y= 10 cm, Z= 8 cm; Weight: 5000 g

Mn coating : 2 mm; Color (inside the rock):_dark green__

Alteration: no weak strong; Vesicularity __5__ %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass _____5-12_____ mm

Picrite: Phenocrysts= _____%, _____%

Ol basalt Phenocrysts= _____%, _____%

Pl-ol basalt* Phenocrysts= Pl; 3 _____%, Ol; 3 _____%

Aphyric rock Phenocrysts= _____%, _____%

Others Phenocrysts= _____%, _____%

Remarks__pillow lava knob w/ vuggy center__

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

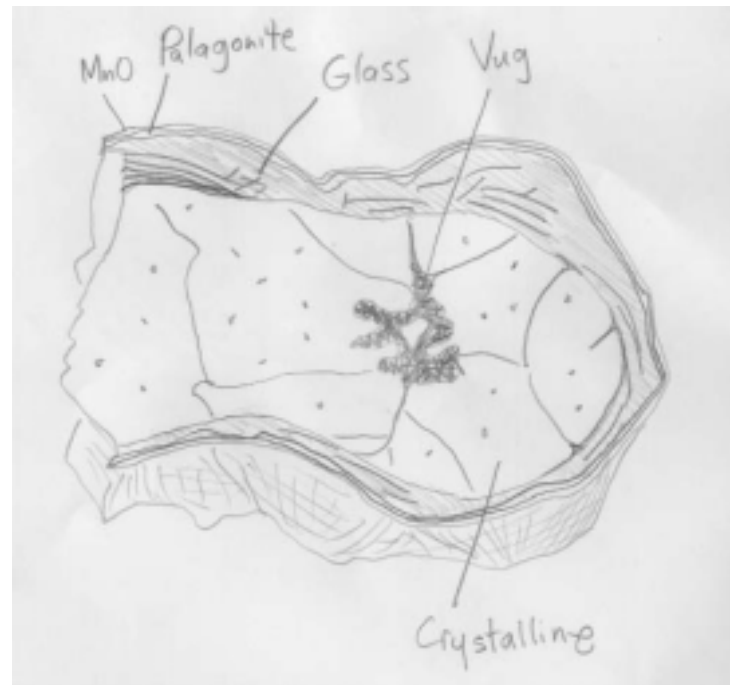
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure:_____



K 204-8 (Aug. 28. 2001)

Described by H. Yokose

Sample Size : X= 20 cm, Y= 15cm, Z= 12cm; Weight: _____g

Mn coating : 2 mm; Color (inside the rock): 2600

Alteration: no weak* strong; Vesicularity <1 %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanics others

Rock types (lava and hyaloclastite)

Thickness of glass 6-10 mm

Picrite: Phenocrysts= _____ %, _____ %

Ol basalt* Phenocrysts= Ol; 11 %, _____ %

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

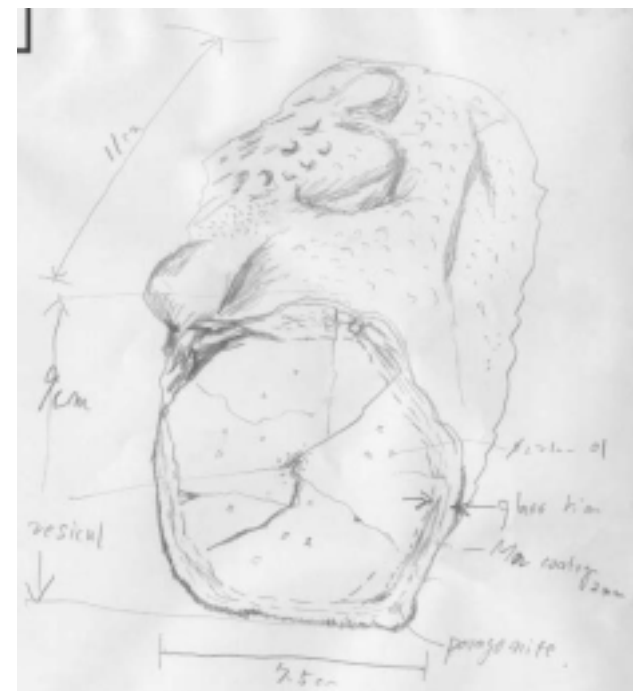
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____



K 204-9 (Aug. 28. 2001)

Described by M. Nakagawa

Sample Size : X= 23 cm, Y= 8 cm, Z= 8 cm; Weight: 15000g
Mn coating : <1 mm; Color (inside the rock):_Dark green_____
Alteration: no weak strong; Vesicularity __several____ %
Lithology: monomict or polymict
Occurrence: lava* hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

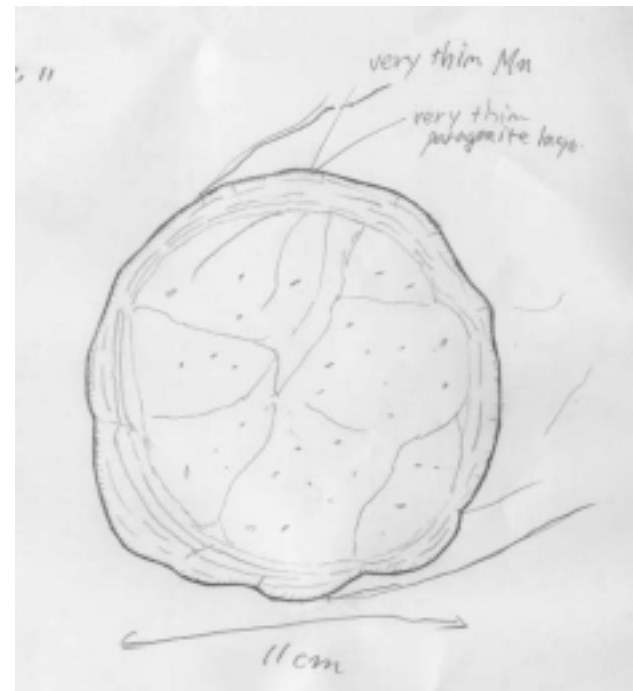
Thickness of glass __8-15____ mm
Picrite: Phenocrysts= %, %
Ol basalt* Phenocrysts= 10 %, %
Pl-ol basalt Phenocrysts= %, %
Aphyric rock Phenocrysts= %, %
Others Phenocrysts= %, %

Remarks ; _fine phenocryst (Ol > Pl) < 1mm____

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 204-10 (Aug. 28. 2001)

Described by N. Noguchi

Sample Size : X= 7cm, Y= 4cm, Z= 4 cm; **Weight:** 80g

Mn coating : 1.5 mm; **Color (inside the rock):** black

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

Lithology: monomict or polymict

Occurrence: lava* hyaloclastite volcanoclastics 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 _____

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

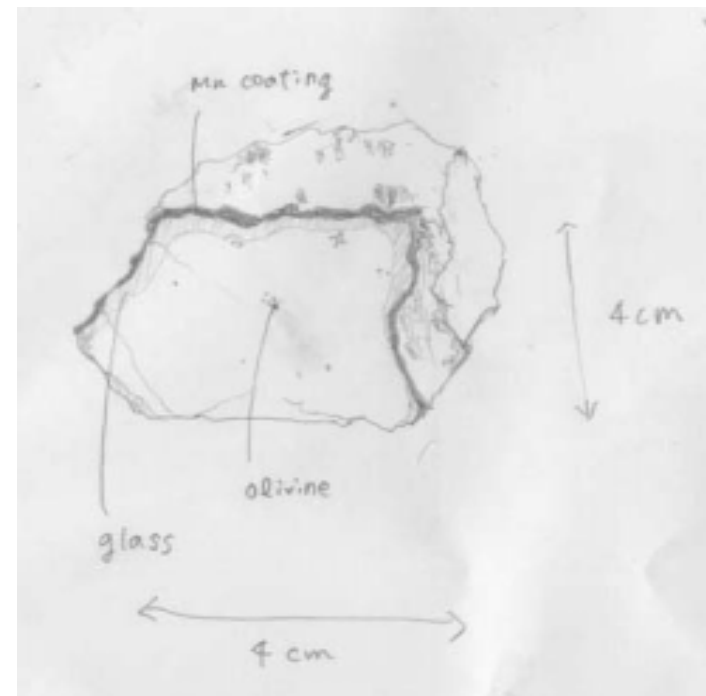
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: _____



K 204-11 (Aug. 28. 2001)

Described by M. Coombs_____

Sample Size : X= 17 cm, Y= 8 cm, Z= 6.5 cm; **Weight:** 700 g

Mn coating : 1 mm; **Color (inside the rock):** dark green

Alteration: no weak strong; **Vesicularity** 0____%

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcaniclastics others

Rock types (lava and hyaloclastite)

Thickness of glass _____ 4 _____ mm

Picrite: Phenocrysts= _____ %, _____ %

Ol basalt Phenocrysts= _____ %, _____ %

Pl-ol basalt* Phenocrysts= Pl; 4 _____ %, Ol; 2 _____ %

Aphyric rock Phenocrysts= _____ %, _____ %

Others Phenocrysts= _____ %, _____ %

Remarks__very fine- grained, dence rock__



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 204-12 (Aug. 28. 2001)

Described by J. Kunihiro

Sample Size : X= 17 cm, Y= 10 cm, Z= 6cm; Weight: 3800 g

Mn coating : 1 mm; Color (inside the rock): black

Alteration: no weak strong; Vesicularity none %

Lithology: monomict or polymict

Occurrence: lava * hyaloclastite volcanoclastics others

Rock types (lava and hyaloclastite)

Thickness of glass 12-17 mm

Picrite: Phenocrysts= % , %

Ol basalt Phenocrysts= % , %

Pl-ol basalt* Phenocrysts= Pl; 5 % , %

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: _____

