

# K 207-1 (Sep. 3. 2001)

Described by Hanyu

**Sample Size** : X= 19cm, Y= 13 cm, Z= 9cm; **Weight**: 3.5k\_g

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

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

**Lithology**: monomict or polymict

**Occurrence**: **lava\*** **hyaloclastite** **volcaniclastics** **others**

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ mm

Picrite: Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Ol basalt Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Pl-ol basalt Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Aphyric rock\* Phenocrysts= 0 %, \_\_\_\_\_ %

Others Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Remarks coarse groundmass \_\_\_\_\_

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## 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

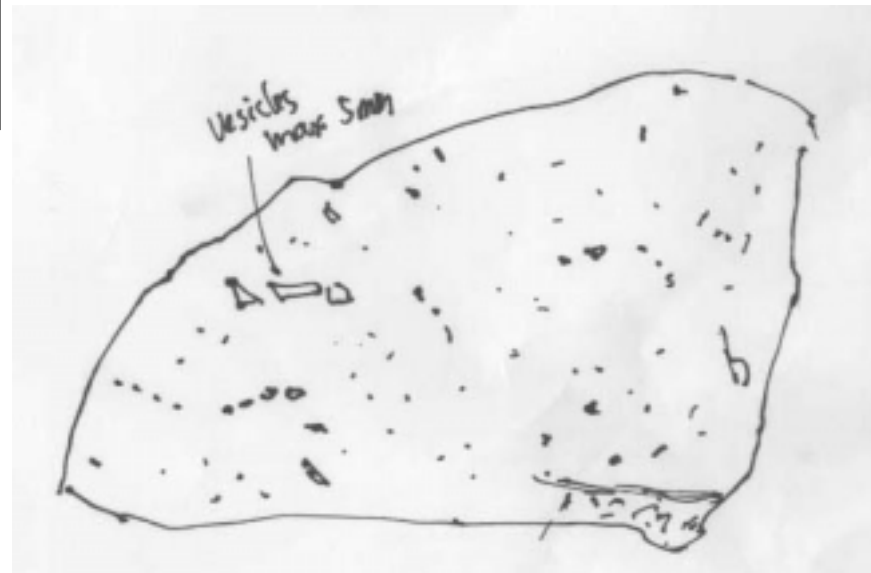
Lithified or un lithified

Sedimentary structure: \_\_\_\_\_

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# K 207-2 (Sep. 3. 2001)

Described by T. Kani

**Sample Size :** X=10cm, Y= 7cm, Z=5 cm; **Weight:** 200 g

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

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

**Lithology:** monomict\* or polymict

**Occurrence:** lava **hyaloclastite\*** **volcaniclastics** **others**

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ mm

Picrite: Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Ol basalt Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Pl-ol basalt\* Phenocrysts= Pl; 15 %, \_\_\_\_\_ %

Aphyric rock Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Others Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Remarks \_\_\_\_\_

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## 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

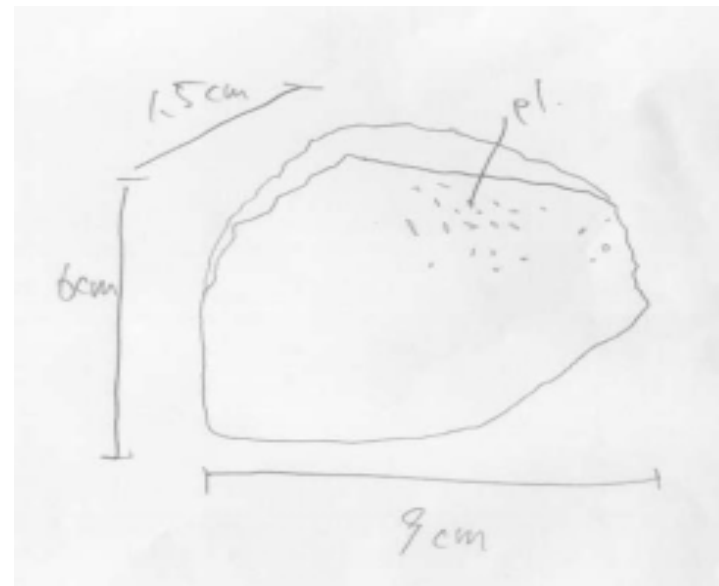
Grading normal-----none-----reverse

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_



# K 207-3 (Sep. 3. 2001)

Described by E. Takahashi

**Sample Size :** X= 9cm, Y= 8 cm, Z= 8 cm; **Weight:** 300g  
**Mn coating :** mm; **Color (inside the rock):** dark greenish gray  
**Alteration:** no weak strong; **Vesicularity** \_\_\_\_10\_\_ %  
**Lithology:** monomict or polymict  
**Occurrence:** lava\* hyaloclastite volcanoclastics others

### Rock types (lava and hyaloclastite)

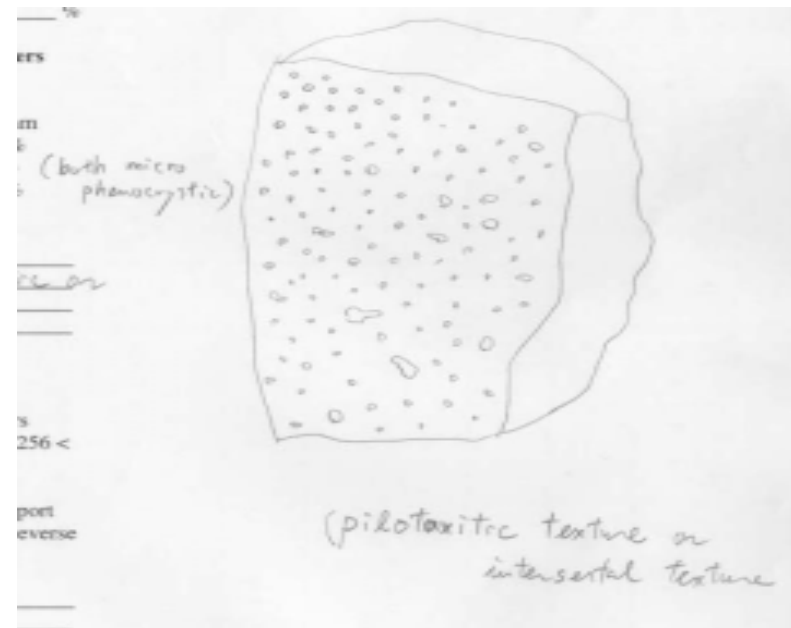
Thickness of glass	_____None_____	mm
Picrite:	Phenocrysts=	% , %
Ol basalt *	Phenocrysts= ol; 10	%, Pl; 10 %
Pl-ol basalt	Phenocrysts=	%, %
Aphyric rock	Phenocrysts=	%, %
Others	Phenocrysts=	%, %

Remarks Coarse grained groundmass (pilotaxitic or intersertal texture)

### 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 207-4 (Sep. 3. 2001)

Described by T. Kani

**Sample Size** : X= 8 cm, Y= 7 cm, Z= 5 cm; **Weight**: 200 g  
**Mn coating** : 0 mm; **Color (inside the rock)**:\_black darck green  
**Alteration**: no weak\* strong; **Vesicularity** \_\_\_\_\_10\_ %  
**Lithology**: monomict \* or polymict  
**Occurrence**: lava hyaloclastite volcanics others

## Rock types (lava and hyaloclastite)

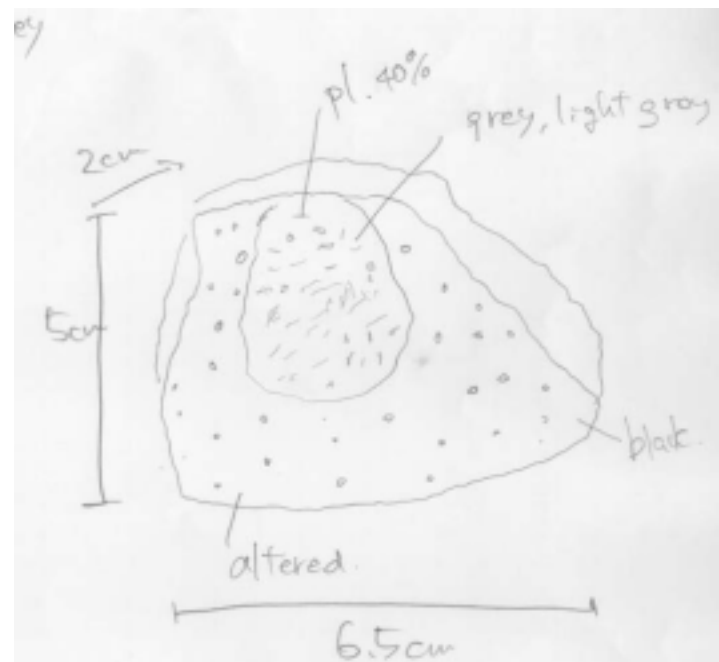
Thickness of glass			mm
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks\_pilotaxitic texture matrix. pl\_\_\_\_\_

## 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:\_\_\_\_\_



# No photo

# K 207-5 (Sep. 3. 2001)

Described by J. Kimura

Sample Size : X= 8cm, Y= 6 cm, Z= 5 cm; Weight: 100 g

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

Alteration: no weak strong; Vesicularity 2 %

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 \_\_\_\_\_

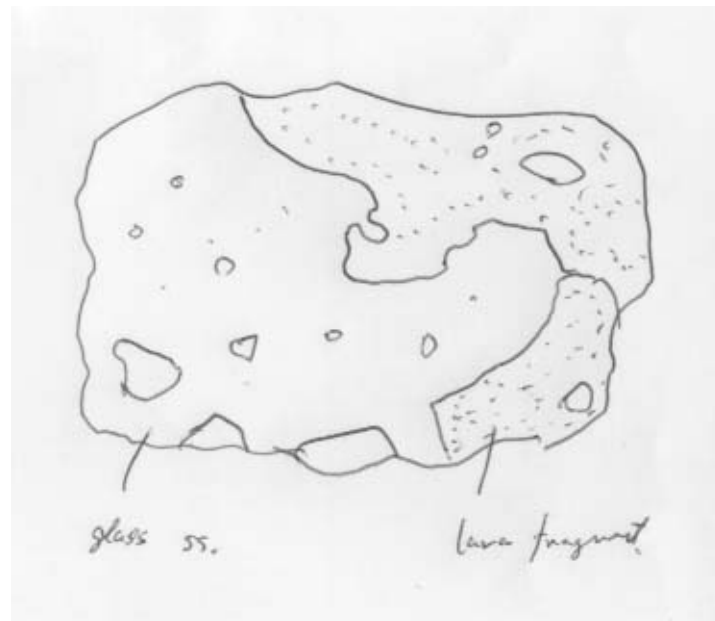
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## Volcanoclastic rocks and others (characteristic of the clasts)

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 207-6 (Sep. 3. 2001)

Described by T. Hanyu

Sample Size : X= 5cm, Y= 5cm, Z= 3cm; Weight: 60g  
 Mn coating : 1mm; Color (inside the rock): black  
 Alteration: no weak strong; Vesicularity \_\_\_\_\_ %  
 Lithology: monomict or polymict\*  
 Occurrence: lava hyaloclastite volcanoclastics\* others

## Rock types (lava and hyaloclastite)

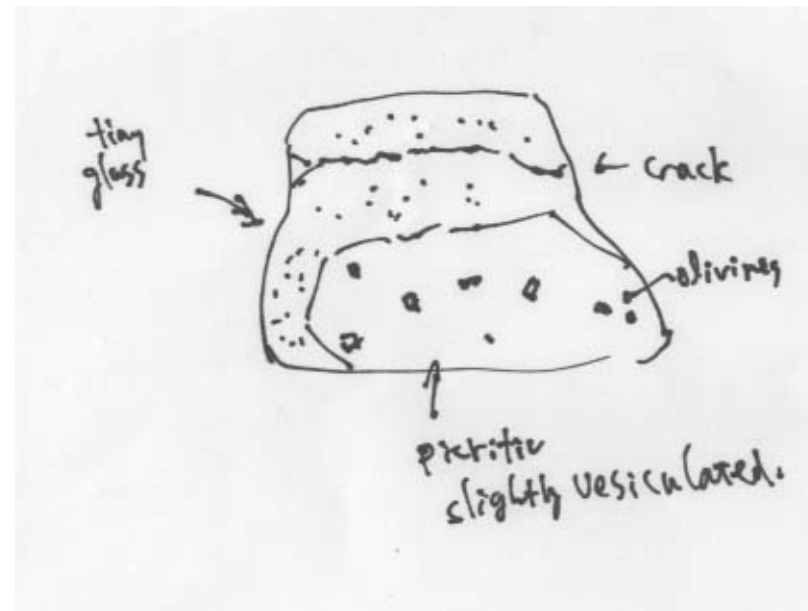
Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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## 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 207-7 (Sep. 3. 2001)

Described by T. Kani

Sample Size : X= 9cm, Y= 7cm, Z= 7cm; Weight: 200g  
Mn coating : 0mm; Color (inside the rock): black  
Alteration: no\* weak strong; Vesicularity 0 %  
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 \_\_\_\_\_

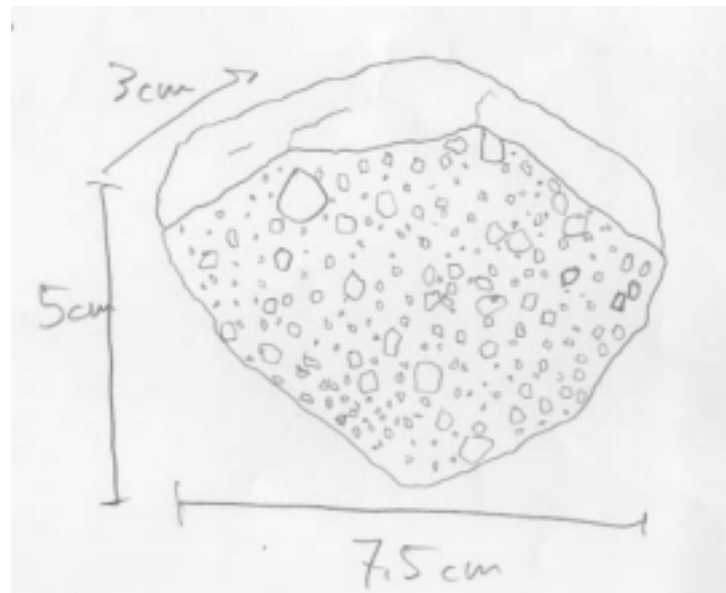
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## Volcanoclastic rocks and others (characteristic of the clasts)

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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



# No photo

# K 207-8 (Sep. 3. 2001)

Described by J. Kimura

Sample Size : X= 20 cm, Y= 9cm, Z= 8 cm; Weight: 1.5kg  
 Mn coating : 1mm; Color (inside the rock): black  
 Alteration: no weak strong; Vesicularity \_\_\_\_\_ %  
 Lithology: monomict or polymict\*  
 Occurrence: lava hyaloclastite volcanoclastics\* others

## Rock types (lava and hyaloclastite)

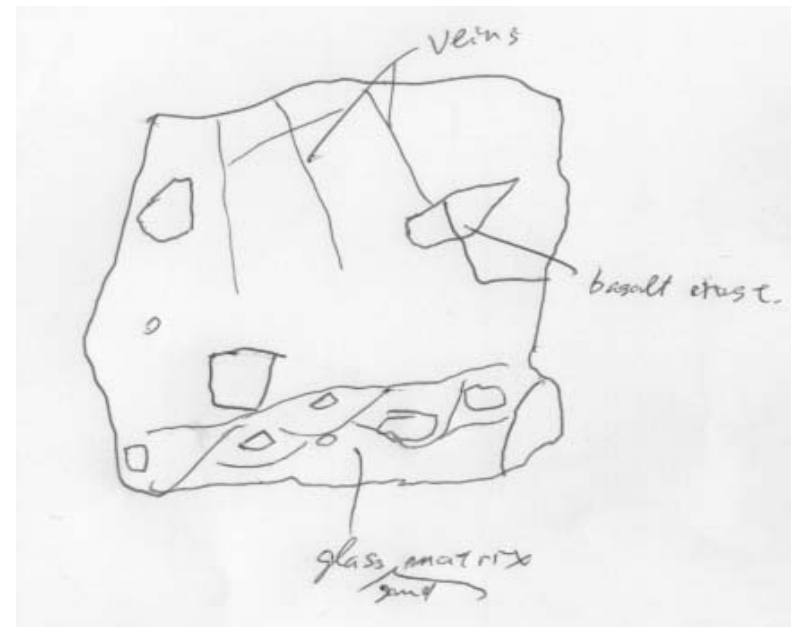
Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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## 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 unlithified

Sedimentary structure: palagonite vein





# K 207-9 (Sep. 3. 2001)

Described by Z.-Y. Ren

**Sample Size :** X= 17 cm, Y= 14 cm, Z= 12cm; **Weight:** 4k g  
**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)

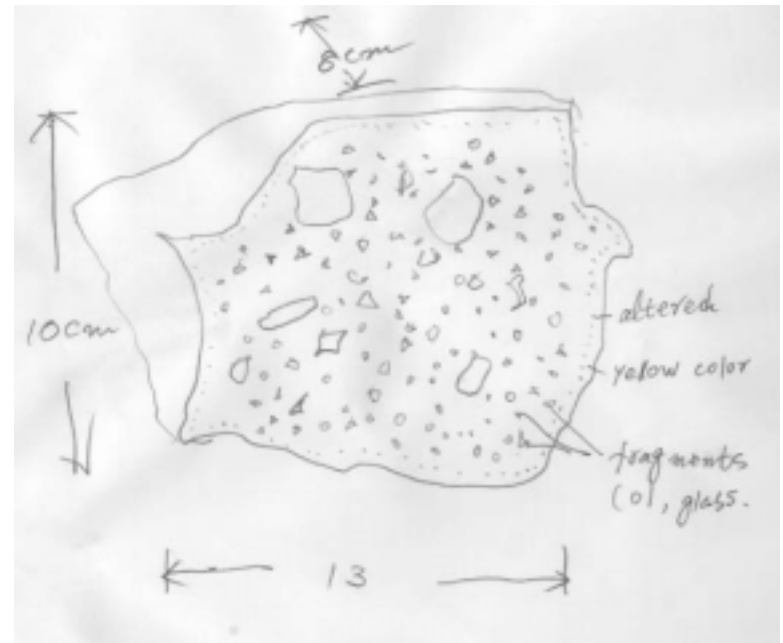
Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly \*  
 Rock type: aphyric B, 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 207-10 (Sep. 3. 2001)

Described by Y. Orihashi

Sample Size : X= 10cm, Y= 7 cm, Z= 7 cm; Weight: 400 g

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

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

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=	%,	%
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

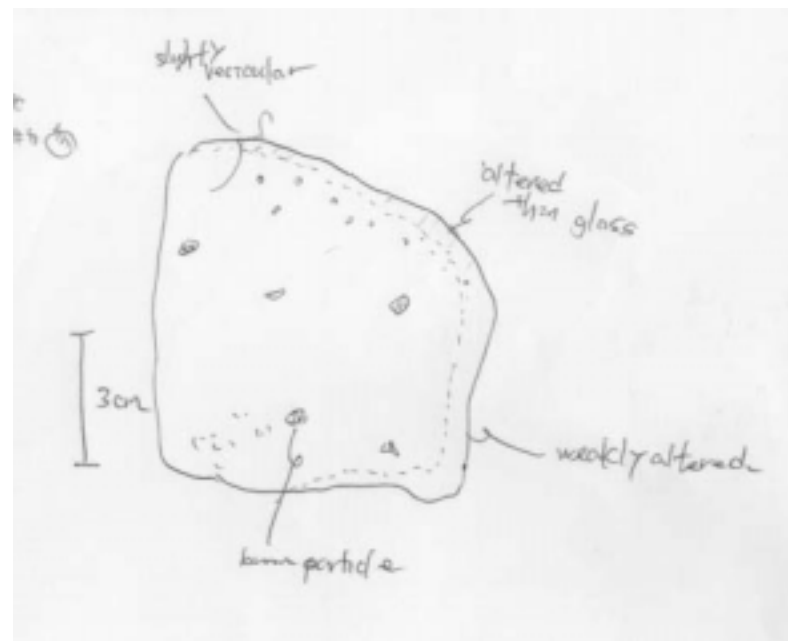
Grading normal-----none\*-----reverse

Matri silt sand paragonaite volcanic glass \*

Lithified or unlithified

Sedimentary structure: very weak lamination

\_\_\_\_\_  
 \_\_\_\_\_



# K 207-11 (Sep. 3. 2001)

Described by Y. Orihashi

**Sample Size** : X= 9 cm, Y= 8 cm, Z= 5 cm; **Weight**: 300g  
**Mn coating** : none 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)

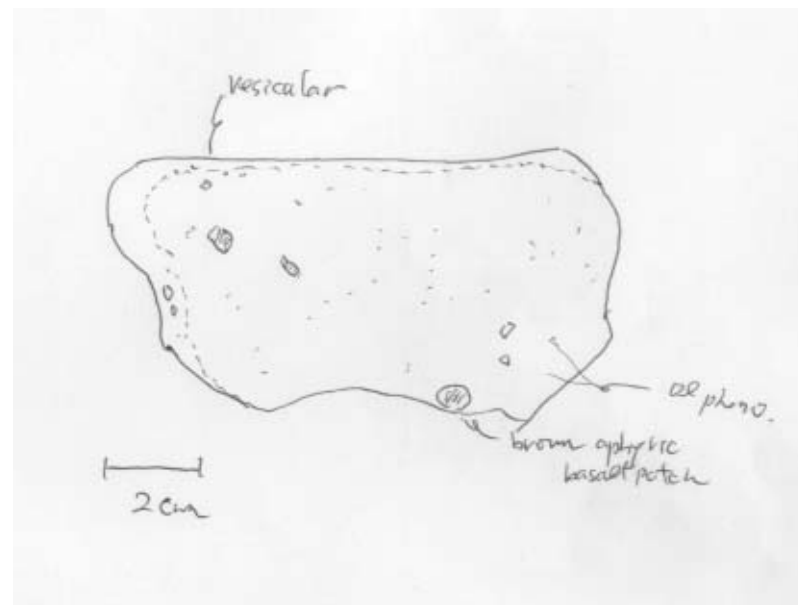
Thickness of glass		mm	
Picrite:	Phenocrysts=	%,	%
Ol basalt	Phenocrysts=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks \_\_\_\_\_

## Volcanoclastic rocks and others (characteristic of the clasts)

Fragments comp.: mono poly\*  
 Rock type: aphyric B, 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 207-12 (Sep. 3. 2001)

Described by Y. Orihashi

Sample Size : X= 10cm, Y= 8cm, Z= 7 cm; Weight: 400 g

Mn coating : vry thin 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= % , %

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

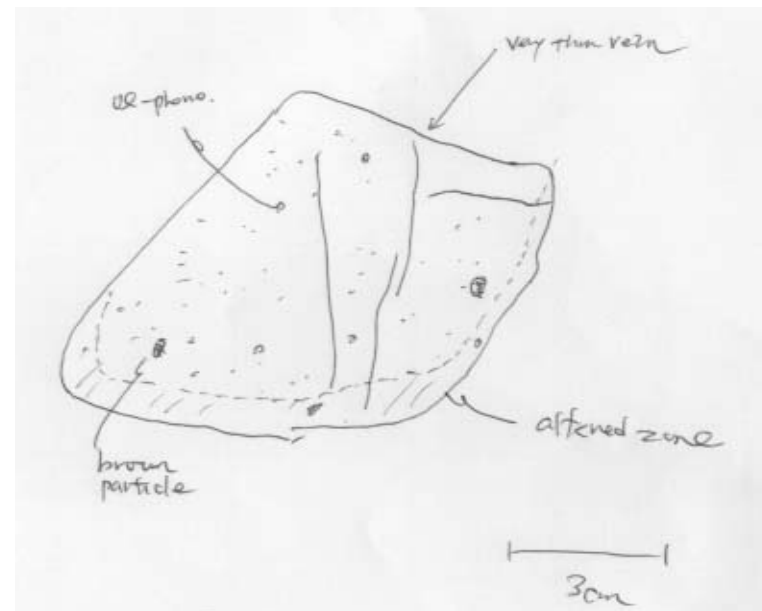
Grading normal-----none\*-----reverse

Matri silt sand paragonaite volcanic glass\*

Lithified or unlithified

Sedimentary structure: Ol pheno>>Pl \_\_\_\_\_

\_\_\_\_\_



# K 207-13 (Sep. 3. 2001)

Described by T.Hunyu

Sample Size : X= 15 cm, Y= 10cm, Z= 9 cm; Weight: 1k g

Mn coating : 2-8 mm; Color (inside the rock): black

Alteration: no weak\* strong; Vesicularity 0 %

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 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 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

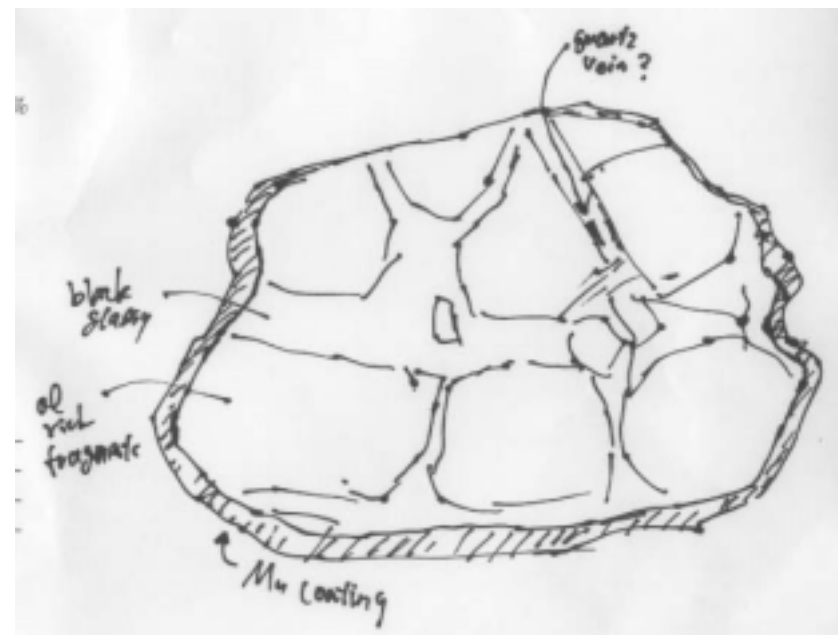
Matri silt sand paragonaite volcanic glass\*

Lithified\* or unlithified

Sedimentary structure: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# No photo

# K 207-14 (Sep. 3. 2001)

Described by N. Noguchi

**Sample Size :** X= 10cm, Y= 7 cm, Z= 6cm; **Weight:** 300g  
**Mn coating :** 0mm; **Color (inside the rock):** dark grey\_  
**Alteration:** no\* weak strong; **Vesicularity** 5 %  
**Lithology:** monomict\* or polymict  
**Occurrence:** lava hyaloclastite\* volcanics others

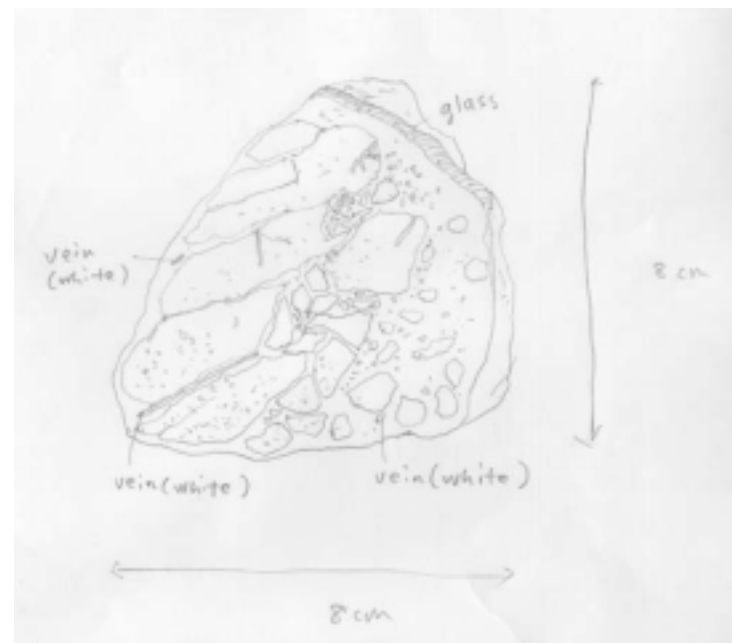
## Rock types (lava and hyaloclastite)

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

## 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 207-15 (Sep. 3. 2001)

Described by H. Mashima

**Sample Size :** X= 7 cm, Y= 6 cm, Z= 6 cm; **Weight:** 250g  
**Mn coating :** mm; **Color (inside the rock):** black and 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 \_\_\_\_\_ mm

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

Remarks \_\_\_\_\_

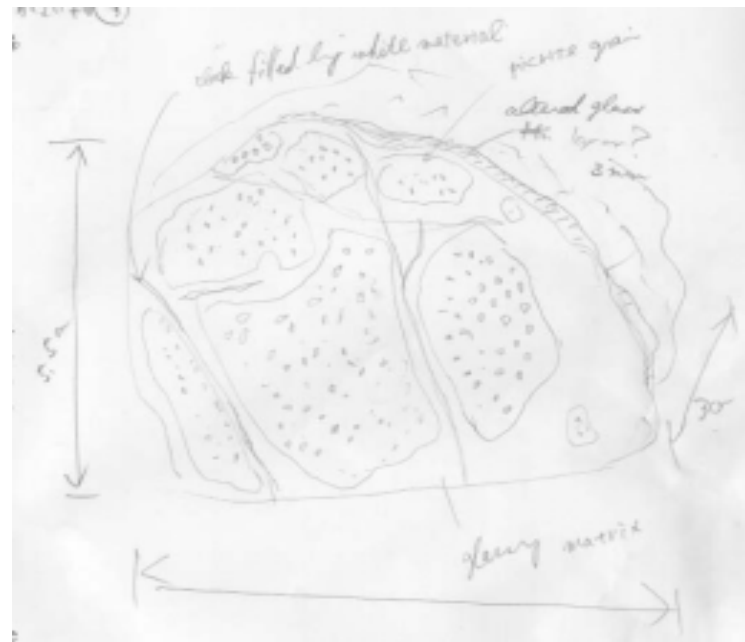
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## Volcanoclastic rocks and others (characteristic of the clasts)

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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



# No photo

# K 207-16 (Sep. 3. 2001)

Described by M. Nakagawa

Sample Size : X= 25cm, Y= 13cm, Z= 12cm; Weight: 4kg

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

Alteration: no\* weak strong; Vesicularity 0-20\_ %

Lithology: monomict\* or polymict

Occurrence: lava\* hyaloclastite volcanics others

## Rock types (lava and hyaloclastite)

Thickness of glass 6-4 mm

Picrite: Phenocrysts= % , %

Ol basalt\* Phenocrysts= 20 % , %

Pl-ol basalt Phenocrysts= % , %

Aphyric rock Phenocrysts= % , %

Others Phenocrysts= % , %

Remarks \_\_\_\_\_

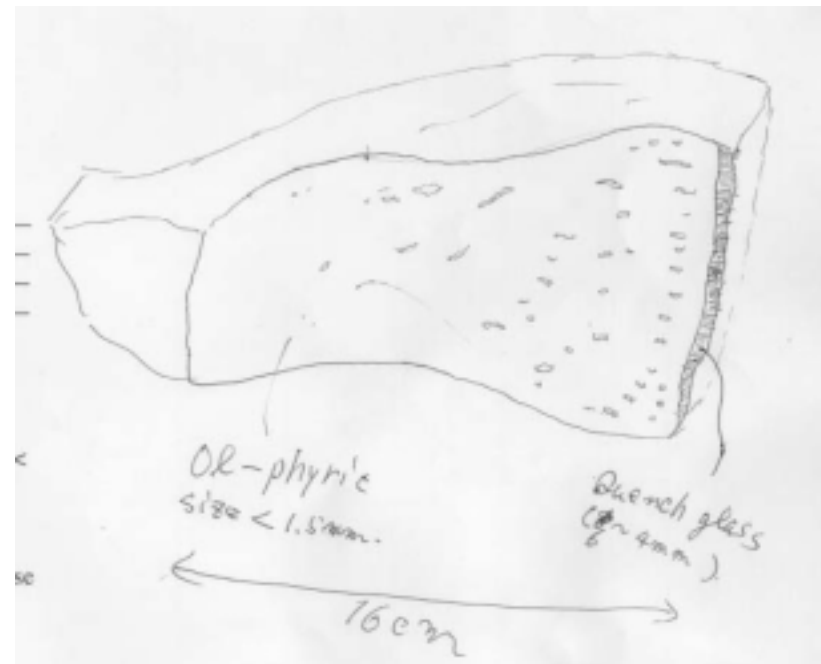
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## Volcaniclastic rocks and others (characteristic of the clasts)

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 207-17 (Sep. 3. 2001)

Described by T. Kani

Sample Size : X= 12cm, Y= 10 cm, Z= 10 cm; Weight: 1.5kg

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

Alteration: no weak\* strong; Vesicularity 3 %

Lithology: monomict\* or polymict

Occurrence: lava\* hyaloclastite volcanics others

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ mm

Picrite: Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Ol basalt\* Phenocrysts= Ol, 5 \_\_\_\_\_ %, \_\_\_\_\_ %

Pl-ol basalt Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Aphyric rock Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Others Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %

Remarks pillow lava

## 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

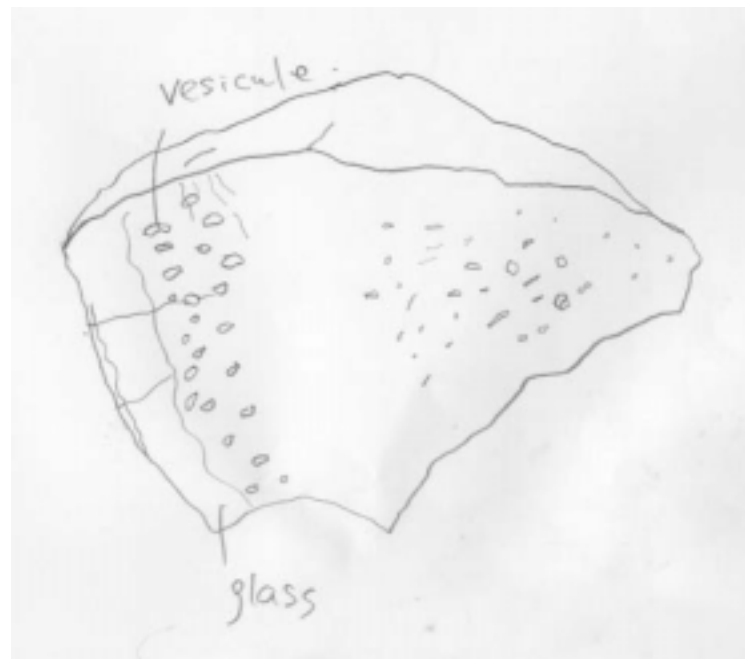
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or un lithified

Sedimentary structure: \_\_\_\_\_



# K 207-18 (Sep. 3. 2001)

Described by J. Kimura

**Sample Size** : X= 9 cm, Y=9 cm, Z= 6 cm; **Weight**: 400 g  
**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 \_\_\_\_\_ 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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



# No photo

# K 207-19 (Sep. 3. 2001)

Described by M. Nakagawa

**Sample Size :** X= 13 cm, Y= 10 cm, Z= 8cm; **Weight:** 1k g

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

**Alteration:** no\*   weak   strong; **Vesicularity** 0-5 %

**Lithology:**   monomict\* or polymict

**Occurrence:** **lava\***   **hyaloclastite**   **volcaniclastics**   **others**

## Rock types (lava and hyaloclastite)

Thickness of glass           8-5                           mm

Picrite:           Phenocrysts=                           %,                           %

Ol basalt\*       Phenocrysts=                           %,                           %

Pl-ol basalt   Phenocrysts=       20 %,                           %

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

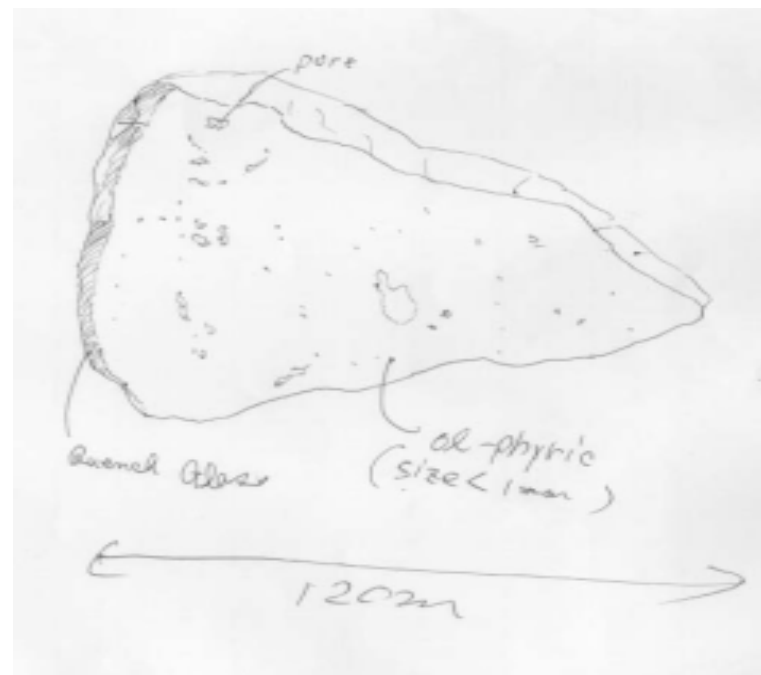
Grading           normal-----none-----reverse

Matri           silt sand paragonaite volcanic glass

Lithified   or   unlithified

Sedimentary structure: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



# K 207-20 (Sep. 3. 2001)

Described by Z.-Y. Ren

Sample Size : X= 12cm, Y= 9cm, Z= 8 cm; Weight: 800 g

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

Alteration: no weak strong; Vesicularity 8 %

Lithology: monomict or polymict

Occurrence: lava \* hyaloclastite volcanoclastics others

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ mm

Picrite: Phenocrysts= \_\_\_\_\_ %

Ol basalt\* Phenocrysts= Ol, 5 %, \_\_\_\_\_ %

Pl-ol basalt Phenocrysts= \_\_\_\_\_ %

Aphyric rock Phenocrysts= \_\_\_\_\_ %

Others Phenocrysts= \_\_\_\_\_ %

Remarks pillow basalt

## 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

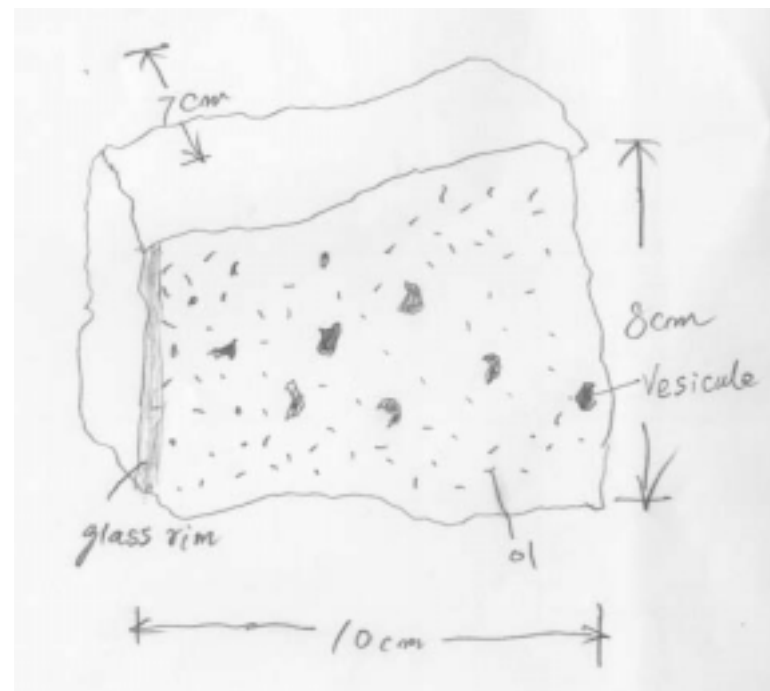
Fabric: clast-support ----- matrix support

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

Matri silt sand paragonaite volcanic glass

Lithified or unlithified

Sedimentary structure: \_\_\_\_\_



# No photo

# K 207-21 (Sep. 3. 2001)

Described by M. Nakagawa

**Sample Size** : X= 9 cm, Y= 8cm, Z= 7 cm; **Weight**: 200 g  
**Mn coating** : 0 mm; **Color (inside the rock)**: dark green  
**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=	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks \_\_\_\_\_

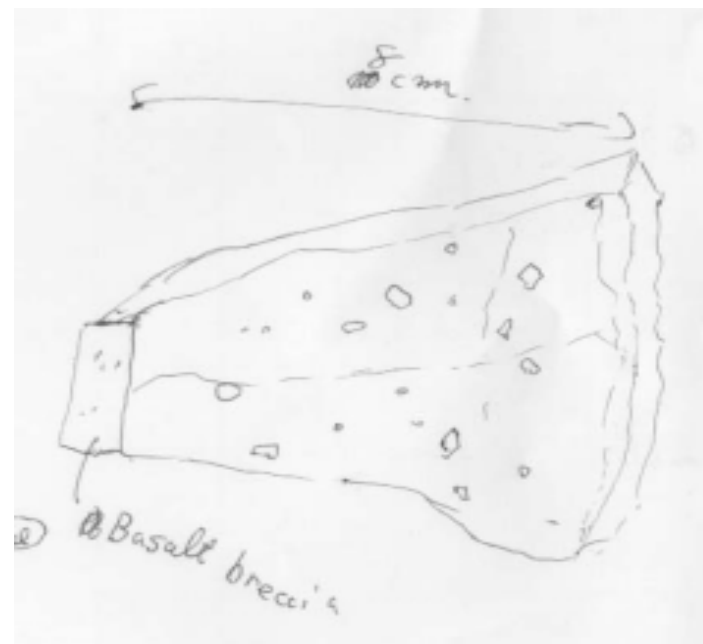
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_



# No photo

# K 207-22 (Sep. 3. 2001)

Described by H. Mashima

Sample Size : X= 15 cm, Y= 13 cm, Z= 9cm; 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 4 mm

Picrite: Phenocrysts= % , %

Ol basalt \* Phenocrysts= 10 % , %

Pl-ol basalt Phenocrysts= % , %

Aphyric rock Phenocrysts= % , %

Others Phenocrysts= % , %

Remarks this sample has pillow rim texture

## 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: \_\_\_\_\_



# No photo

# K 207-23 (Sep. 3. 2001)

Described by Z.-Y. Ren

Sample Size : X= 8 cm, Y= 6cm, Z= 6 cm; Weight: 150 g  
Mn coating : 0 mm; Color (inside the rock): black  
Alteration: no weak strong; Vesicularity \_\_\_\_\_ %  
Lithology: monomict or polymict  
Occurrence: lava\* hyaloclastite volcanics others

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ mm

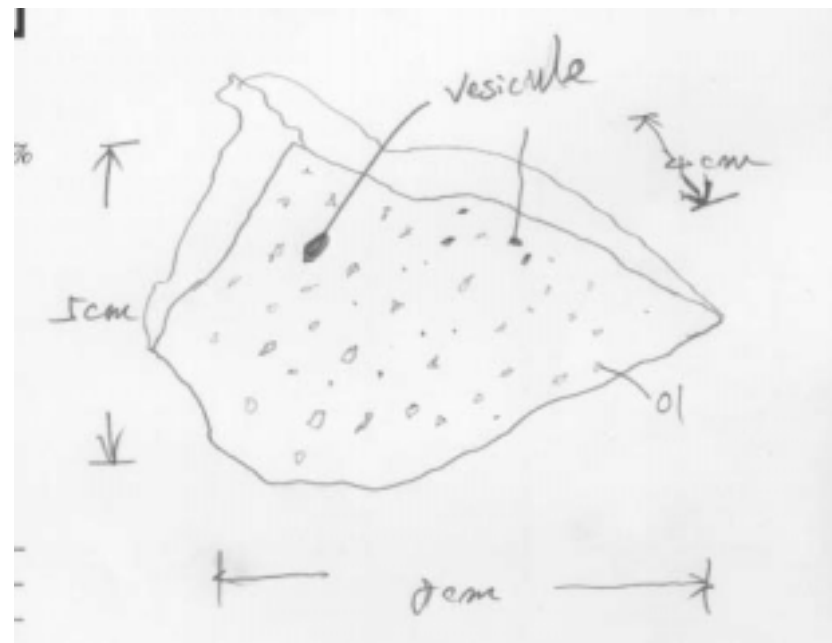
Picrite:	Phenocrysts=	%,	%
Ol basalt*	Phenocrysts= Ol;	10%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks Pillow ol basalt

## 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: \_\_\_\_\_



# No photo

# K 207-24 (Sep. 3. 2001)

Described by Michelle Coombs

**Sample Size :** X=25 cm, Y= 18 cm, Z= 9cm; **Weight:** \_\_\_g  
**Mn coating :** 0 mm; **Color (inside the rock):** green – dark green  
**Alteration:** no weak\* strong; **Vesicularity** \_\_\_10\_\_\_ %  
**Lithology:** monomict\* or polymict  
**Occurrence:** lava\* hyaloclastite volcanoclastics others

## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ 0 mm

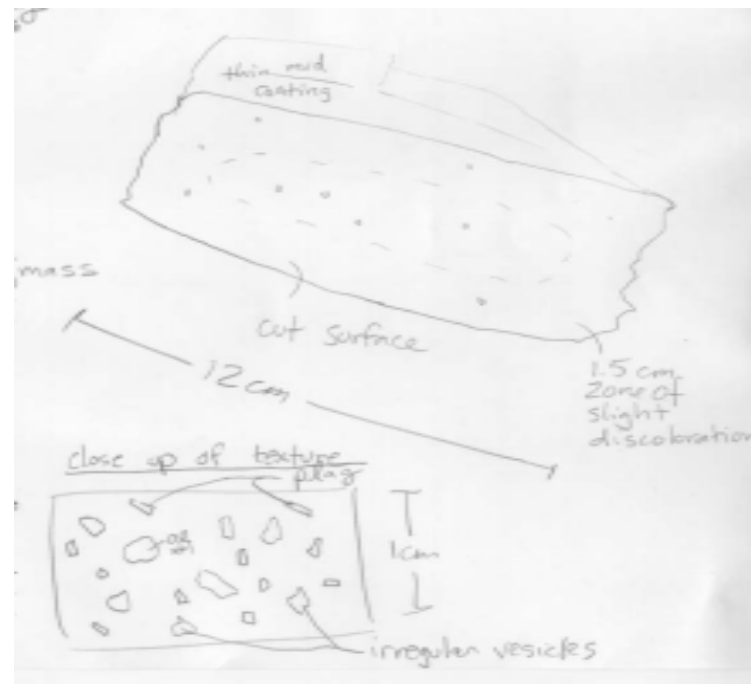
Picrite:	Phenocrysts=	%,	%
Ol basalt*	Phenocrysts= Ol, <5	%,	%
Pl-ol basalt	Phenocrysts=	%,	%
Aphyric rock	Phenocrysts=	%,	%
Others	Phenocrysts=	%,	%

Remarks\_dikfytaxitic textured grounmass lost of visible palagoclse & mafics ingmass

## 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 207-25 (Sep. 3. 2001)

Described by H. Yokose

Sample Size : X= 9cm, Y= 7 cm, Z= 5cm; Weight: 500g

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

Alteration: no weak strong; Vesicularity 2 %

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= % , %

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 207-26 (Sep. 3. 2001)

Described by N. Noguch

**Sample Size :** X= 12 cm, Y= 10 cm, Z= 8cm; **Weight:** 1kg  
**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			mm
Picrite:	Phenocrysts=	%,	%
Ol basalt*	Phenocrysts=	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 207-27 (Sep. 3. 2001)

Described by Coombs

**Sample Size** : X=6 cm, Y= 3 cm, Z= 2 cm; **Weight**: 50 g  
**Mn coating** : 0 mm; **Color (inside the rock)**: dark green  
**Alteration**: no weak strong; **Vesicularity** \_\_\_\_\_ %  
**Lithology**: monomict\* or polymict  
**Occurrence**: lava\* hyaloclastite volcanoclastics others

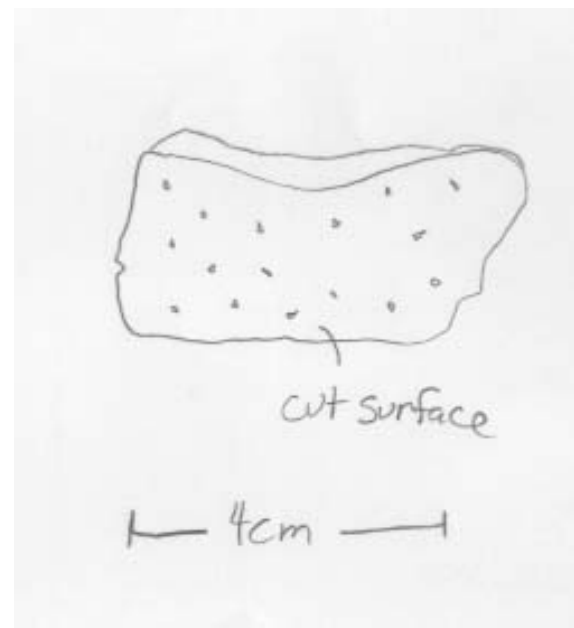
## Rock types (lava and hyaloclastite)

Thickness of glass \_\_\_\_\_ 0 \_\_\_\_\_ mm  
Picrite: Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %  
Ol basalt Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %  
Pl-ol basalt\* Phenocrysts= Ol, 3 \_\_\_\_\_ %, Pl; 3 %  
Aphyric rock Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %  
Others Phenocrysts= \_\_\_\_\_ %, \_\_\_\_\_ %  
Remarks small phenocryst

## 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 207-28 (Sep.3. 2001)

Described by Lipman

Sample Size : X= 6 cm, Y= 5 cm, Z= 3cm; Weight: 100 g  
 Mn coating : No 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 10 mm  
 Picrite: Phenocrysts= \_\_\_\_\_ %  
 Ol basalt Phenocrysts= 5 %  
 Pl-ol basalt Phenocrysts= \_\_\_\_\_ %  
 Aphyric rock Phenocrysts= \_\_\_\_\_ %  
 Others Phenocrysts= \_\_\_\_\_ %

Remarks internal fracture; pillow fragment

## 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: \_\_\_\_\_

