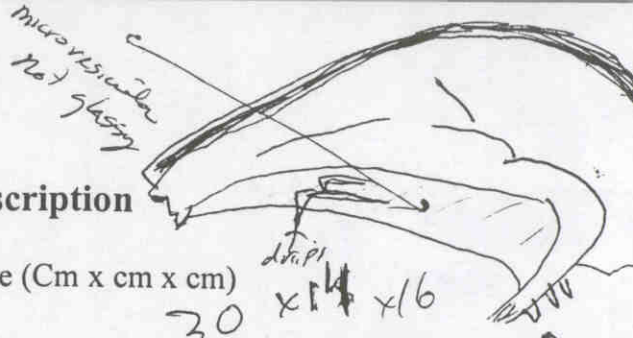


RESET06 Cruise AT15-6 **Sample Description**

Sample Number _4206 - _1_____ Size (Cm x cm x cm) 30 x 14 x 16

Sample wt. (Kg. approx) 10

Macroscopic: Pillow Lobate Sheet Other

Hydrothermal/Biological on sample:
Macrobio? Microbial?
Coatings white coatings on curved flange orange lines on section & in crack

Top Glass: Fresh Altered Thickness (cm) 0.3 - 1cm
Features:
fine glass, some with white coatings between internal glass layers in No

Bottom Features:
~~Glass: Fresh~~ Altered Thickness (cm)_____
NO GLASS
Features: microvesicular with small drips

Microscopic:
Interior Texture:
Crystallinity: Holocrystalline Mesocrystalline Glassy
Vesicularity
locally to a few %

Mineralogy: Phenocrysts: Plagioclase Olivine Cpx
1%

Other:
Xenocrysts
Crystal clots? plag + (pyr?) or glass one is 1cm in dia.

Sample Distribution
Probe —
ICP —
U/Th —
Rock in bucket —
Other

General or specific or vague comments

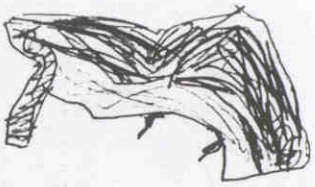
— might be '91-'92 or new flow. looks somewhat altered for new flow.
— plenty of glass left on rock

RESET06 Cruise AT15-6 **Sample Description**

Sample Number _4206 - 2 Size (Cm x cm x cm) 9 x 5 x 9

Sample wt. (Kg. approx) 1.5

Macroscopic: Pillow Lobate Sheet Other



Hydrothermal/Biological on sample:
Macrobio? Microbial?
Coatings none obvious

Top Glass: Fresh Altered Thickness (cm) 0.5 - 2.2
Features: nice thick rind on top & side
fresh glass throughout

Bottom Features:
Glass: Fresh Altered Thickness (cm) 0 to 0.3
NO GLASS
Features: locally as drips/flanges
fresh glass throughout

Microscopic:
Interior Texture:
Crystallinity: Holocrystalline Mesocrystalline Glassy
Vesicularity none

Mineralogy: Phenocrysts: Plagioclase Olivine Cpx
rare.

Other:
Xenocrysts
Crystal clots? plag + glass

Sample Distribution
Probe ✓
ICP ✓
U/Th ✓
Rock in bucket ✓
Other

General or specific or vague comments
- pretty sure it is new flow.
- plenty of glass left on rock.