

Unit (82)
(continued)

Vesicles 0-34 cm
20%
5 mm max
0.5 mm modal
100/cm²
moderate sphericity
rounded

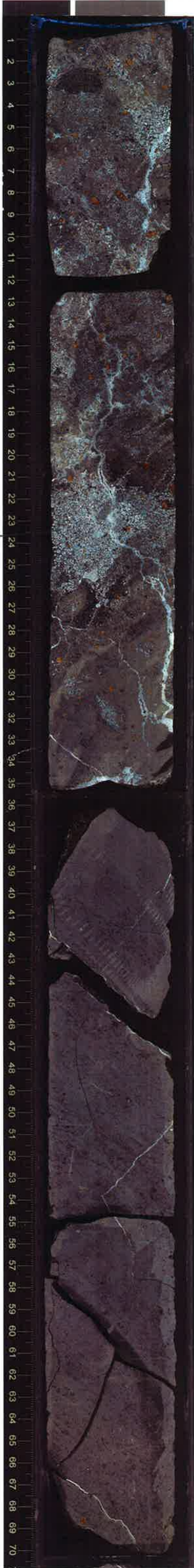
Vesicular
Centre of
lobe

34 cm

Dark gray
aphanitic

2% olivine
fresh 36-70 cm

Massive
part of
lobe



← This piece actually
from working half
switched for labelled.

vein 3mm irregular 5-12cm
60-72.50

← These pieces not
put together properly.
Vein does not match

13-33cm vein irregular
branching 75-72.35
3mm

33-35cm vein 0.5mm straight
60-72.18

35cm vein 2mm 90-182°

37-70cm magmatic foliation
90-025°

39-44cm conjugate vein 0.5mm
straight 70-128°

40.5-41.5 conjugate vein 0.2mm
straight 80-050

42-46cm vein 1mm 80-090
straight

50.5-54cm vein 0.5mm
80-118° straight branch

54-66cm vein 0.5mm
curved 80-110°

57.5-62.5 fracture 90-025°

66.5-70cm vein 1mm curved
75-72.20

71-72cm vein 1mm branch
rotated piece

75cm

Unit (83)

Volcanic breccia
modal 20mm
mottled orange-
gray-white
aphanitic
low sphericity
angular

Moderately
olivine-phyric
basalt

2% olivine
(in plug, or angle)
altered.

mostly free of
vesicles.



Unit (83)
(continued)

as for
section 4



Unit 83
(continued)

Volcanic
breccia

as for section 4

37-

37-45 cm
example of
vesicular
clast. 45
20% vesicles
low sphericity
subangular
7mm max
1mm nodules
50/cm²



72-79 cm magmatic foliation
80 → 214°

70-79 vein network branching
1-2mm irregular

83-87.5cm vein 0.5mm irregular

96-104cm vein 1mm straight
branched 80 → 244°

96-107cm magmatic foliation 80 → 310°

104-107cm vein 1mm curved 75 → 290°

108-109.5cm vein 1mm straight
90 → 230°

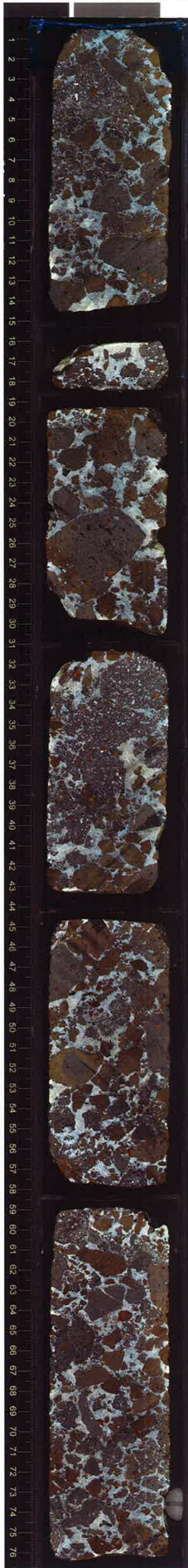
109-112.5cm vein 10mm

110-115cm vein 0.1mm straight
90 → 314°

125.5-129cm vein 0.2mm straight
70 → 035°

124-136cm vein network 80 → 280°
1-2mm n=5 straight

Unit (83)
(Continued)
as for
Section 4



Cont'd.

1-6

2% OLIVINE
COMPLETELY MAERED
8MM MAX
2MM MOD.
SUBHEDRAL

0.5% PLAG
3.5MM MAX
1MM MOD
SUBHEDRAL, FRESH

0.5% Px
SUBHEDRAL, FRESH
3MM MAX
1MM MOD.

MOTTLED GRAY
ORANGE WHITE

AFANITIC,
MODERATELY
OLIVINE-PHYRIC
BASALT BRECCIA

VOLCANIC
ATTRIBUTES.

0-88cm on
Section 3.

70% VOLCANIC
CLASTS.

5mm MOD
LOW
SUBANGULAR
POORLY SORTED.

VESICLES

0.5% IN GENERAL.
1MM MAX
0.5MM MOD.
MODERATE
ROUNDED.



5% ves.

5% ves.

24-26
vein, (avg.) non-oriented

10% ves

53-60
vein network, (avg.) non-oriented



moderately
alt

124-125
vein, straight, sub-horiz.

← rounded top to
clast-reworked?

139-140
vein, curved, steeply dip/
non-oriented

UNIT 3

1-15



75-78
vein, straight, non-ovoidal

91-93
vein, irregular, non-ovoidal

10%
veg.

45-47
vein, branched, non-ovoidal

moderate
alt.

high
alt. margins

62-64
vein network, n=2
irregular, non-ovoidal

UNIT

1-5b.



88cm - 38cm on 4A

95% volcanic casts.

2mm mod.

LOW

SUBANGULAR

v. POORLY

sorted.

26% ves.

38-40
vein, irregular, non-oriented

15% ves.

zone of high attrition

10% ves.

larger clasts - moderately attr.
smaller - highly attr.

UNIT 83

1-6C

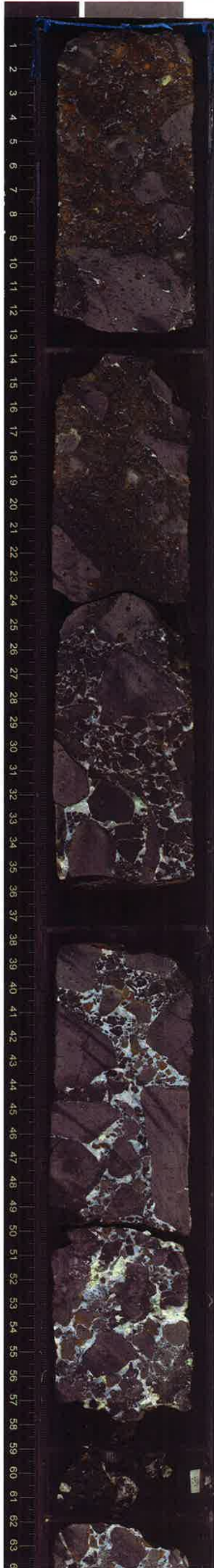
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HIGH PROPORTION
OF SAND
- FRESHER
GLASS?

38cm - end.

85% VOLCANIC
GLASS.

4MM MOD
LOW, SUBANGULAR
POORLY SORTED.



72-74
vein network, n=6
irreg, non-oriented

midway
alt.

117.5-120 vein, irreg,
non-oriented

UNIT 83

0-99cm
Piece 1a-6

VOLCANIC BRECCIA

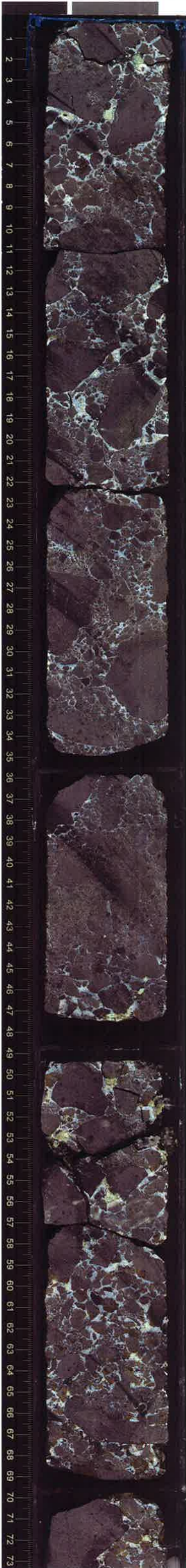
SAME AS BEFORE

~~0% OLIVINE
0% PX
2% PLAGIOCLASE
SUBHEDRAL, FRESH
2.5mm MAX
1mm MOD.~~

MODE

VESICLES FOR SECTION
5-8 IN GENERAL
0.5%
4.5mm MAX
0.1mm MOD
MODERATE ROUNDED.

SOME INDIVIDUAL CLASTS UP TO 10%



17-19 vein cutw.
irreg, non-oriented

NO GLASSY MARGIN?
↑
TRANSITION FROM BRECCIA TO MASSIVE CLAST →

100-114
vein, straight
60-7120

110-110
very straight
85-1175

110-114
very straight
74-268

120-120
vein, network
irreg, non-oriented

132-134
vein, straight
Sub-horiz →
158

121-132
vein, irreg,
non-oriented

137-137
vein, straight
90-7310



UNIT 84

Piece 6-10
99-138.5.

N30cm (15C10)

LAVA FRAGMENT
→ LAVA LOBE OR CLAST.

0% OLIVINE
0% PX
2% PLAGIOCLASE
SUBHEDRAL, FRESH
2.5mm MAX
1mm MOD

MODERATELY
PLAG-PHYRIC
BASALT

MEDIUM GRAY
FINE GRAINED

0% VESICLES,
slightly altered

TRANSITION FROM CLAST TO BRECCIA.
←

UNIT 85

Piece 10
138.5cm to end.

UNIT 85

0-68cm
Piece 1-5

UNIT 85 ISV.
SIMILAR TO
UNIT 83

20% OL
5mm/1mm

0.5% Px
3.5/1mm

0.5% Plag
3.5/1mm

MODERATELY
OLIVINE-PHYRIC
BASALT BRECCIA

MOTTLED ORANGE
GRAY WHITE

APLANITIC

85% VOLCANIC
CLUSTS.

4mm max

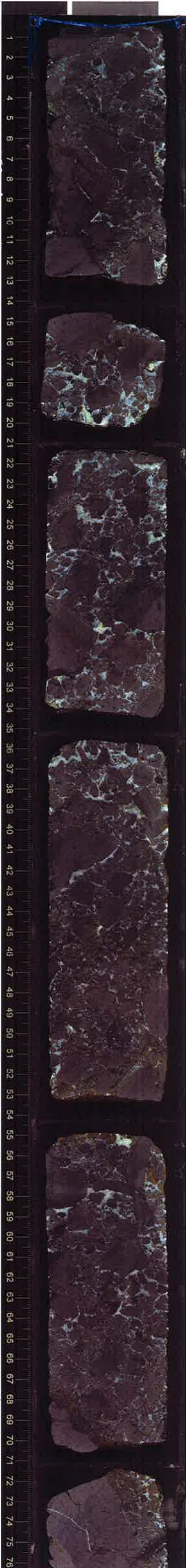
LOW SUBANGULAR
POOR SORTING

BRECCIA TO
MASSIVE

UNIT 86

68-124.5
Piece 5-8a

ISCI 1



7-11 vein frag.
step dip

85.5-89

vein, sigmoid

86-89

87-91

vein, straight

91-96

89-94
vein, straight
branching

99-100

vein, sigmoid

step dip

-5114

91-94

vein, straight

sub-horiz.

-> 132

72-76
vein veins, frag., sub-
vesic.



0.5% P 5
SUBHEDRAL, FRESH
2mm max
1mm mod

0.5% Px
SUBHEDRAL, FRESH
2.5mm max
0.75mm mod.

5% OLIVINE
MODERATELY ACT.
SUBHEDRAL
5/1.5mm
MODERATELY
OLIVINE-PHYRIC
BASALT.

MEDIUM GRAY
FINE GRAINED

102-105
vein, straight, 49->302
104-109 vein, web.
conjugate

100.111 fracture
80->162

shift/alt.

121-124 vein, frag.,
non-oriented

UNIT 87

124.5 - end
Piece 8a-10

30% OLIVINE
4mm/2mm
SUBH. COMP. ACT.

0.5% Plag
1.5mm max
0.5mm mod
SUBH. COMP. ACT.

0% Px

MODERATELY
OLIVINE-PHYRIC
BASALT BRECCIA

MOTTLED GRAY
ORANGE WHITE
FINE GRAINED

UNIT 87
1a-13

70%
VOLCANIC
CRST.

10MM MAX
LOW
SUBANGULAR
POOR.



2-15
Magmatic foliation
21-082

15-17 fracture,
straight
80-086

1245 →
127
vein web.
irreg.
non-orth.



slightly altered

UNIT 87

1-2 piece

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