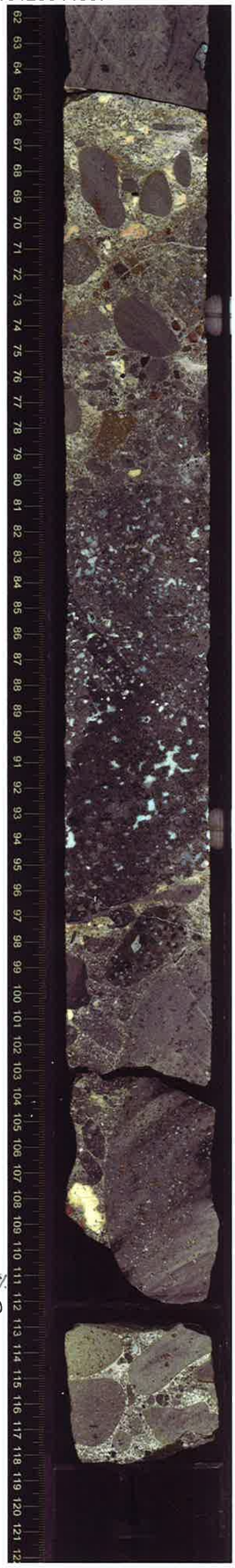
330-U1376A-5R-1-A_SHLF2881341_20110129044607



CLAST TYPE 1

SPARSELY OLIVINE PHYRIC BASALT

COLOR: MEDIUM GRAY
PHENOCRYST: OLIVINE-1.5%
MAX: 4mm, MOD: (ALTERED)
GROUNDMASS: APHANITIC
VESICLE: 0.5%
ELONGATE.
SUBANGULAR
MAX: 11mm, MOD: 8mm.
100% FILLED

CLAST TYPE 2

HIGHLY OLIVINE PHYRIC BASALT

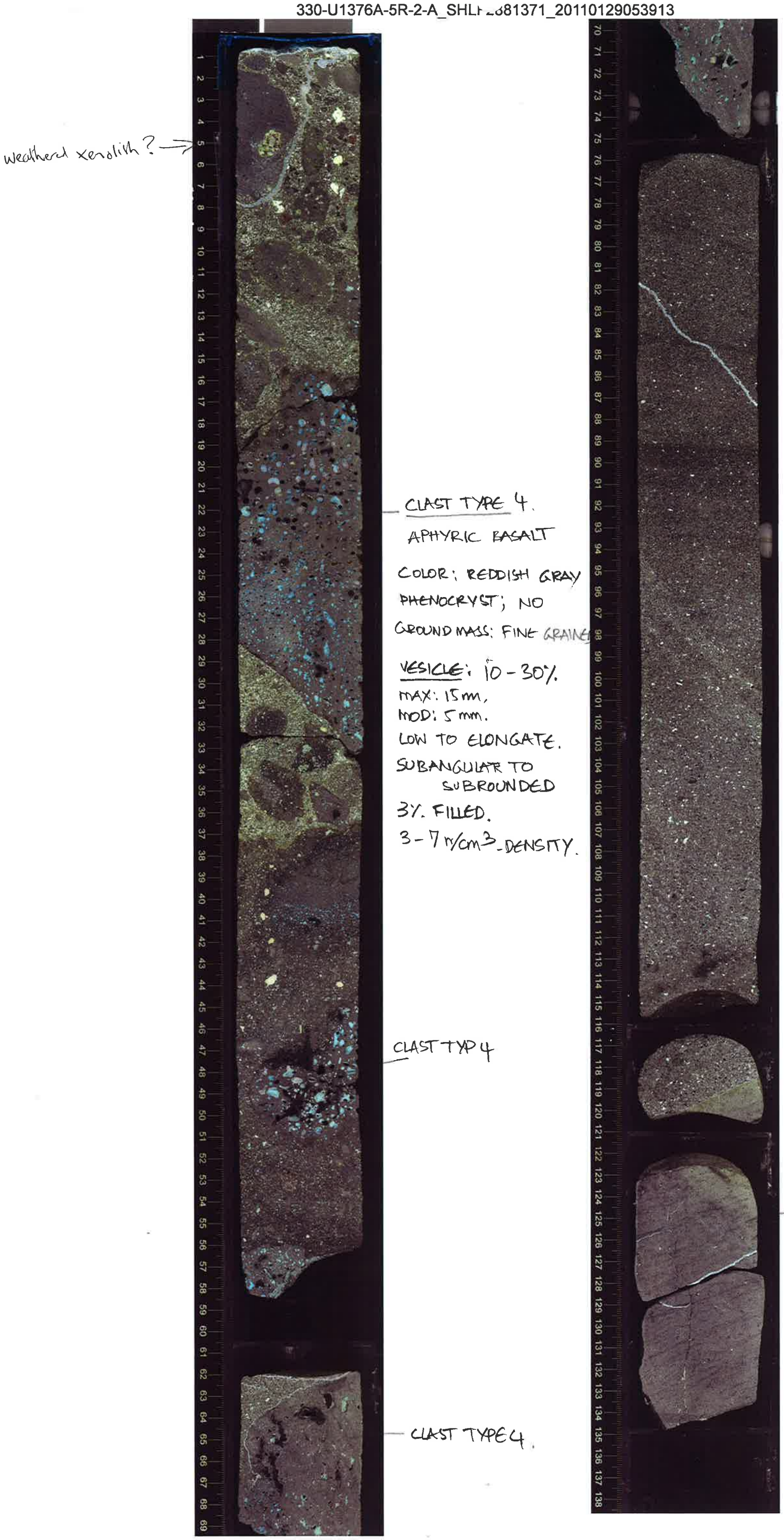
COLOR: BROWNISH GRAY
PHENOCRYST: OLIVINE-10%.
MAX: 7mm (ALTERED)
MOD: 2mm
EUHEDRAL TO SUB
GROUNDMASS: FINE GRAINED
VESICLE: 6%
LOW SPHERISITY
ANGULAR ROUNDNESS
MAX: 13mm
MOD: 4mm
10n/cm^3, 100% FILLED

CLAST TYPE 3

MODERATEILY OLIVINE PHYRIC BASALT

COLOR: REDDISH GRAY
PHENOCRYST: OLIVINE; 2%
COMPLETELY ALTERED
EUHEDRAL TO ~~ANHED~~
MAX: 2mm
MOD; 1.5mm
GROUNDMASS; FINE GRAINED
VESICLA; MODERATE TO 1% ELONGATE
SUBROUNDED
MAX; 2mm
MOD: 1mm
50% (FILLED)

330-U1376A-5R-2-A_SHL[illegible]681371_20110129053913



330-U1376A-5R-3-A_SHLF2881401_20110129054408

CLAST TYPE 1

1cm vein n=1 2mm straight 60→012

1-16cm magmatic foliation strong (in clast) 62→012° 0.5mm straight

2-16cm conjugate vein n=1 straight 70→258°

5.5-7cm vein n=1 1mm straight 70→020°

7-11cm vein n=1 0.2mm 90→232°

11-15.5cm vein n=1 0.5mm 60→278°

18cm vein n=1 1mm straight 70→350°

18-23cm vein n=1 0.5mm straight 85→095°

25-27cm vein n=1 0.3mm straight 80→226°

25-30cm vein n=1 0.2mm irregular 50→140°

35-38cm vein n=1 0.1mm irregular 80→130°

36-37cm bedding 80→006°

52cm bedding 90→180°

55-57.5cm n=1 vein 0.2mm straight 70→330°

62-63cm vein n=1 2mm irregular 90→174°

66-67cm vein n=1 1.5mm irregular 88→352°

UNIT 1
HYALOCLASTITE

COLOR: MOTTLED BLACK GREEN.

VOLCANIC ATRIBUTE:

- 85% OF ALTERED BASALT FRAGMENT
- 15% OF HYALOCLASTITE MATRIX. (FRESH GLASS)

BASALT FRAGMENT

MAX: 20mm
MOD; 5mm
ANGULAR.

68.5-69.5cm vein n=1 1mm straight 75→170°

80-81cm vein network n=3 branch + recombine 90→208°

84-86cm vein network n=3 branching 90→190°

98cm geopetal 182°

103cm geopetal 181°

117-119cm vein n=1 1.5mm straight 80→160°

119-120cm vein n=1 0.5mm 60→265°

122-126cm vein n=1 straight 0.8mm 80→130°

122-125cm vein n=1 0.3mm straight 70→250°

UNIT 1
HYALOCLASTITE
124cm (5R3A) - 31cm (5R6A.

FRESH GLASS.

1) OLIVINE (MOD - FRESH)
3% EUHEDRAL
MAX: 7mm, MOD: 3mm.

2) AUGITE
2% EUHEDRAL
MAX: 5mm, MOD: 3mm.

330-U1376A-5R-4-A_SHLF2881431_20110129054814

VESICLE; 10%.
MODERATE SPHERICITY.
ROUNDED.
MAX: 4 mm
MOD: 1 mm.
90% - FILLED.

1cm vein 2mm straight 75→356°

6-7cm vein n=3 0.5mm-0.2mm irregular 85→355°

14-16cm vein n=1 3-2mm straight 80→164°

18cm vein n=1 2-1mm straight 85→182°

21-24cm vein n=5 1mm stepped 85→165°

25-26cm vein n=1 1mm straight 72→016°

29-31cm vein n=3 1mm stepped 78→010°

38-41cm vein network n=7 0.2mm straight 78→014°

41-42cm vein n=1 3-2mm 73→016°

49-51cm vein n=3 0.2mm straight 78→016°

53-54cm vein n=1 3mm 80→020°

56-59cm vein network 1-0.5mm stepped 70→014°

61cm vein n=1 1mm stepped

63-64cm vein n=2 4mm max straight 85→355° 3mm avg

67cm vein n=3 1-0.5mm stepped 86→360

65-73cm vein 3mm irregular 90→280°

73-74cm vein n=1 3-2mm straight 85→190

82cm vein n=1 0.5mm stepped 80→184°

86-87cm vein n=2 4-3mm branched 85→184°

91-94cm vein n=4 2mm stepped 80→184°

98-101cm vein n=3 1mm straight 80→180°

102cm vein n=1 2mm straight 80→010°

104cm vein n=1 0.5mm isolated 90→180° straight

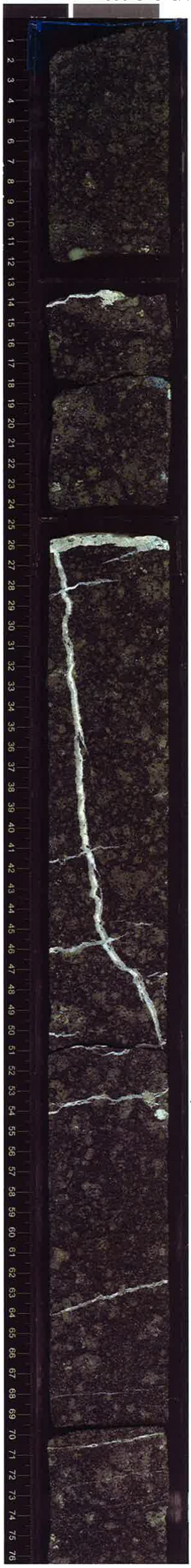
107cm vein n=1 2mm stepped 85→182°

109-111cm vein n=2 0.2mm irregular 80→194°

112cm vein n=1 5mm straight 80→016°

114-115cm vein n=1 4mm stepped 80→170°

330-U1376A-5R-5-A_SHLF2881461_20110129055314



14 cm vein n=1 8mm max avg 3mm
~~stra~~ irregular 75→004°

26cm vein n=1 8mm 85→180°

26-28cm conjugate vein n=2 2mm
straight 90→350°

26-51cm vein 4mm
curved 85→255°

41-42cm conjugate vein 1mm
straight 85→174°

45-46cm conjugate vein 2mm
irregular 90→174°

n=2
50cm vein 1mm stepped 90→180°
to 51cm

2mm
53-54cm vein n=1 stepped 88→176°

62-64cm vein n=1 1.5mm
straight 78→340°

68cm vein n=1 0.3mm straight
86→356

70-71cm vein n=1 1mm straight
86→354°

72-74cm vein n=4 0.2mm
straight 80→352°

79-80cm vein n=1 0.1mm
straight 75→330°

88-90cm vein network n=3
8mm max 4mm avg straight
80→006

95cm vein n=1 0.5mm straight isolated
86→180°

98.5cm vein n=1 1mm
straight, isolated 88→004°

102-106cm vein n=3 1mm
stepped 80→174°

fresh glass present

n=1
117cm vein 3mm straight
non-oriented

119cm vein n=1 1mm straight 85→008°

122cm vein n=1 1mm straight 85→180°

124cm vein n=1 1mm stepped 75→006°

128.5cm vein n=1 3mm stepped 80→360°

129.5cm vein n=1 2mm stepped 85→360°

127-133cm vein n=1 0.6mm straight 70→248°

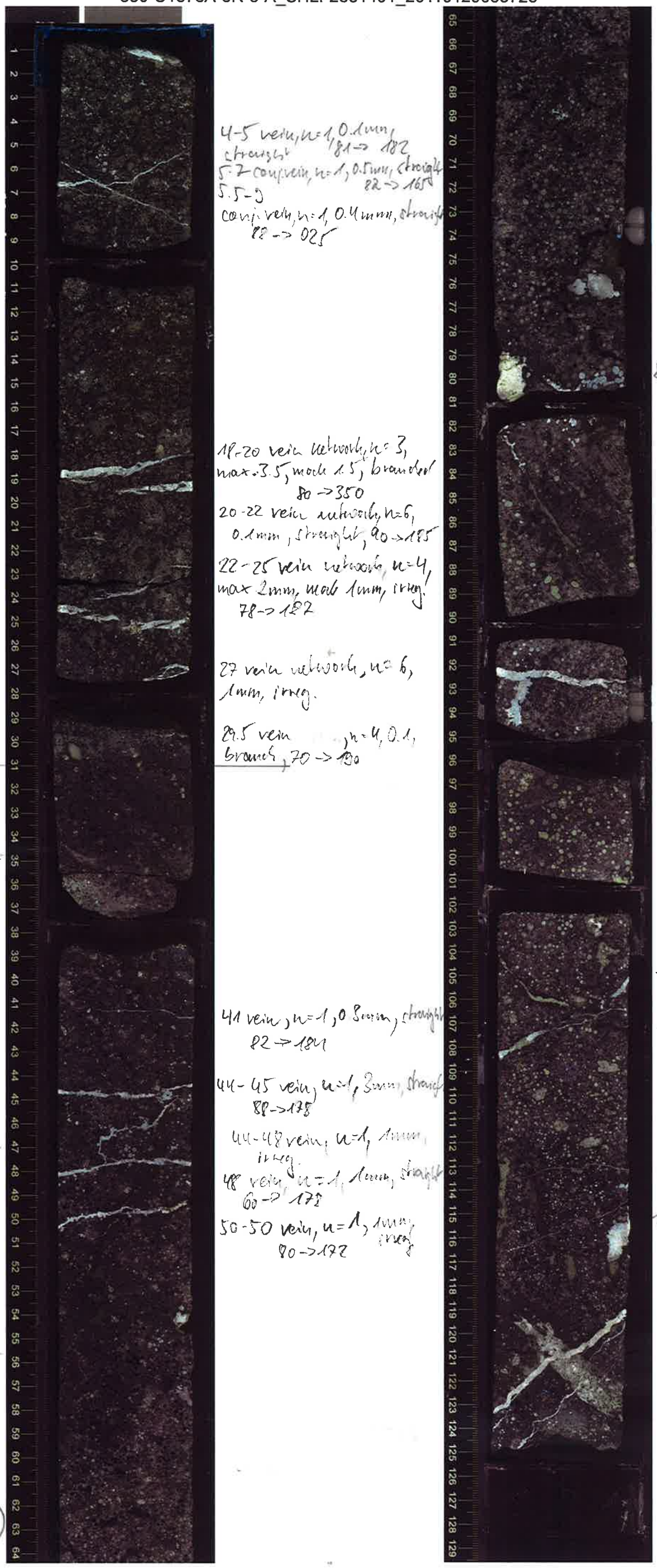
133cm vein n=1 6mm straight 90→004°

136cm vein n=2 1mm irregular
90→180°

138-143cm
~~150~~cm vein n=5 0.1mm straight
85→005°

146-148cm vein network n=10
max 7mm avg 4mm
branch + reconnect 80→010°

330-U1376A-5R-6-A_SHLF2881491_20110129055725



4-5 vein, n=1, 0.1mm, straight 81 -> 182
5-7 conj vein, n=1, 0.5mm, straight 82 -> 165
5.5-9 conj vein, n=1, 0.4mm, straight 88 -> 025

18-20 vein network, n=3, max 3.5, mode 1.5, brancher 80 -> 350
20-22 vein network, n=6, 0.1mm, straight, 90 -> 185
22-25 vein network, n=4, max 2mm, mode 1mm, irreg. 78 -> 182

27 vein network, n=6, 1mm, irreg.

29.5 vein , n=4, 0.1, branch, 70 -> 190

41 vein, n=1, 0.8mm, straight 82 -> 184

44-45 vein, n=1, 3mm, straight 88 -> 178

44-48 vein, n=1, 1mm, irreg.

48 vein, n=1, 1mm, straight 60 -> 171

50-50 vein, n=1, 1mm, irreg. 90 -> 172

80-81 vein, n=1, 2mm, straight 50 -> 216

82-88 vein, n=1, 2mm, straight 72 -> 249

92.5- vein, n=1, 4mm, straight 75 -> 194
92-94 vein, n=1, 5mm, irreg.

104-107 conjugate vein, n=1, 2mm, irreg. 45 -> 006
105-108 conjugate vein, n=1, 1mm, straight, 62 -> 152

113 vein, n=1, 0.1mm, irreg. 85 -> 186
115-117 vein, n=1, 0.1mm straight 90 -> 160

119-125 conjugate vein network, n=8, max. 2mm, mode 0.2mm straight, 90 -> 146
119-124 conjugate vein, n=1 10mm, straight, 79 -> 212

END OF UNIT 1

UNIT 2

31 cm (5R6A) – 2 cm (5R7A)

HIGHLY PYROXENE-OLIVINE-PHYRIC BASALT

COLOR: DARK GREENISH GRAY.

PHENOCRYSTS:

OLIVINE: – 4%.
MODERATELY ALTERED (SOME FRESH)
MAX: 11 mm.
MOD; 3 mm
SUBHEDRAL TO ANHEDRAL
ALTERED/BUT SOME FRESH)

AUGITE; – 7 %

MAX: 9 mm
MOD: 4 mm.
EUHEDRAL TO SUBHEDRAL

VESICLE; – 15%.
HIGH SPHERICITY (>1 – 92 cm)
HIGH TO ELONGATE SPHERICITY (92 – 125 cm)
MAX; 40 m, MOD; 2 mm.
DENSITY – 8 n/cm³
20% - FILLED ROUNDED.

330-U1376A-5R-7-A_SHLF2881521_20110129060110

END OF UNIT 2
LOWER BOUNDARY is RECOVERED

UNIT 3

BASALT BRECCIA

80% CLASTS.

20% ALTERED MATRIX (MAX: 10mm) MOD: 5mm

CLASTS:

- SPARSELY TO MODERATELY OLIVINE PHYRIC BASALT.
  MAX: 80 mm
  MOD: 30 mm.
  FINE GRAINED 0,1

- SPARSELY OLIVINE - PHYRIC
- BASALT CLAST.
  OLIVIN: 1%. (EUHEDRAL)
  MAX: 5mm
  MOD: 2mm.

  VESICLE; 3-10%
  LOW TO ELONGATE SUBANGULAR
  MAX: 3mm
  MOD: 1,5 mm.
  FINE GRAINED 0,1
  ONLY IN THE UPPER PART.

- MODERATELY OLIVINE - AUGITE - PHYRIC BASALT
  OLIVINE: 4%
  EUHEDRAL TO SUB.
  MAX 8mm.
  MOD: 4 mm.
  MODERATELY ALTERED (SOME FRESH)
  AUGITE: 2%.
  SUB TO ANHEDRAL
  MAX: 4 mm
  MOD: 2mm.

CHILLED MARGIN

71-75 vein network, n=7 mat. 1mm mode 0.2mm irregular, 176 -> 345

74-78 vein netw., n= 8, max. 4mm, mode 0.2mm irreg., 111 -> 325

55-53 vein, n=1, 0.2mm, straight, 64 -> 182

CHANGE FROM METABOLITIC BRECCIA TO PILLOW LAVA.

62cm.

UNIT 4

Cont'd

'PILLOW BRECCIA' DESCRIPTION 6R 1.

61-89 cm
PILLOW

82-89 vein network, n=6, mat. 12mm, mode 2mm, irreg., steep dip

89 vein netw., n= 4, 0.1mm, straight, 80 -> 124

- 90-98 cm.
PILLOW

96.5 vein, n=1, 0.1mm, straight 90 -> 170

PIECE 1-7 c

330-U1376A-6R-1-A_SHI [illegible]883031_20110129104947

CHILLED MARGIN.

UNIT 4 Cont'd.

'PILLOW BREECIA'

0cm - 8cm on 6R3.

BASALT LAVA WITH THIN BRECCIA INTERVALS.

Interpreted as pillow lava due to
- chilled margins
- Vesicle shape
- spalling chips around margins.

Each individual pillow likely to be in situ.

PHENOCRYSTS

FROM 6R1 0cm
to
6R4 38 cm

2% Px
SUBHEDRAL
FRESH
6mm MAX

4% OLIVINE
EUHEDRAL
COMPLETELY ALTERED
8mm MAX
4mm MOD.

MODERATELY
OLIVINE-AUGITE-
PHYRIC BASALT

ISC I=3

CURVED, LOBATE MARGINS

SPALLED CHIPS AROUND PILLOW MARGINS.

1-2.5 vein, n=3, 2.5mm, straight, 88 -> 348

PILLOW
0-28 cm

7-14.5 vein network, n=8 max. 1.5mm, mode 1mm, irregular, 20 -> 313

15-16 vein, n=1, 3.5mm, straight, 73 -> 166

PILLOW
92-97cm

21 vein, n=1, 3mm, straight 70 -> 169

SLITHER & BRECCIA

21-28 vein network, n=4, 0.6mm straight, conjugate 90 -> 189 64 -> 137

PILLOW
97-111cm

29 vein, n=1, 5mm, straight 170 -> 156

PILLOW
30-46cm

32-36 vein, n=1, 0.6mm irregular, 80 -> 212

40-42 vein, n=1, 4mm straight, 69 -> 194

43-48 vein network, n=8 0.7mm, irregular

49-51 vein network, n=3, 0.3mm, sigmoidal, 30 -> 024

PILLOW
53-66 cm

66-74 cm

66-79 cm

61-64 vein network, n=4 0.5mm, irregular, 69 -> 178

64-66 vein, n=1, n=10mm straight 40 -> 197

62-75 vein, n=1, max 20mm, mode 10mm sigmoidal, 27 -> 243

73-74 vein, n=1, 10mm, straight, 89 -> 324

PILLOW
75-90cm

74-83 vein network, n=4 conjugate, 1.8mm, irregular 20 -> 220

MOTTLED GRAY GREEN RED WHITE

FINE GRAINED 0-1

MODERATELY PHYRIC

PILLOWS WITH SLIVERS OF BRECCIA

87-89 vein, n=1, 10mm, curved, 60-359

90-92 vein, n=1, 12mm straight, 82 -> 030

NATURAL COPPER.

96-99 vein, n=1, 1mm, straight, 81 -> 024

HIGHLY ALTERED AREAS OF SCORIACEOUS GLASS

105-111 [illegible] vein network, n=2, 2mm, straight, 75 -> 002

VESICLES

6R1 0cm - 6R4 95cm
5%
5mm max
1mm modal
high rounded

114-116 vein, n=1, 3mm curved, 81 -> 003

125-128 vein network, n=2 3mm, irregular, 30 -> 193

129-132 vein, n=1, 0.3mm, straight, 80 -> 210

138-141 vein, n=1, 1mm straight, 70 -> 211

UNIT (4) CONTD

PIECCE 1-5

330-U1376A-6R-2-A_SHLF2883061_20110129105900

PILLOW
24-46cm

0-3 vein, n=1, 2mm, straight, 90 -> 208

3

PILLOW
47-57

20 vein, n=3, branching reconnect., 1.2mm, 60 -> 178

30-31 vein network, n=3 1mm, straight, steep dip -> 168

30-42 vein, n=1, 6mm, magmatic contact, curved, steep dip, ~220

42-56 vein network, n=4 max 3mm, mode, 1.5mm, curved, 82-269

PILLOW
62-68cm

63-72 vein network, n=5 0.3mm, irregular

PILLOW
73-106 cm

73-76 vein, n=1, branched 2mm, straight, 25->029

75-81 vein network, n=2, irregular, 0.1mm

74-97 vein, n=1, max 30mm, mode 20 mm, stepped, steeply dip ~270

86-88 vein, n=1, 1 mm, straight, 20 -> 030

91 vein, n=1, 1mm, straight 20 -> 173

93-97 vein, n=1, 2mm, straight, 68 -> 056

96-104 vein network, n=3, 2mm, straight, 30 -> 126

330-U1376A-6R-3-A_SHLF2883091_20110129110907

UNIT 4 - PIECE 1A

chilled margin
streak of breccia.

UNIT 5

7cm – 119 cm.

Basalt lava
Large pillow.

PIECE 1A – 2

MODERATELY
OL-AUG-PHYRIC
BASALT

ISC1=3

1 vein, n=1, 2 mm, straight, 80 -> 002
1-16 vein network, n=6, 3mm, straight, steep dip -> vertical
PILLOW
0-119

20-21 vein, n=2, 1mm, steep dip -> 167, straight

26.5-34 vein network, n=2, max 4mm, mode 1mm, sigmoidal, 39 -> 132

32-65 vein network, n=3, 2mm, 80 -> 220, straight

37.5 vein, n=1, 4mm, straight, 64 -> 002

46-55 vein, n=1, 2mm, irregular -> 59 -> 052

not recovered

40-53 vein network, n=7, 0.3mm, straight, isolated, 20-333

65-67 vein, n=1, 2mm, straight, 76 -> 166

65-83 vein network, n=4, max 3mm, mode 1mm, irregular, 86 -> vertical

73-77 vein, n=1, 2.2mm, straight, 57 -> 054
75-76 vein, n=1, 3mm, straight, 46 -> 034

83-87 vein, n=1, 3mm, straight, 67 -> 224
82-83 conjugate vein, n=2, 3mm, straight, 89 -> 156

90-99 vein network, n=3, max 1.5, mode 0.7 mm, irregular, sub-vertical

100-103 vein network, n=4, max 5mm, mode 2mm, irregular, 51 -> 359
102-117 vein network, n=2, straight, branched max. 5 mode. 2mm, 60 -> 130

109 vein, n=1, 2mm, straight, 88 -> 179

111-115 vein, n=2, straight, branched, 2mm, 56-129

113-118 vein, n=1, 2mm, sigmoidal, 60 -> 050

116-119 vein, n=1, 2mm, straight, 79 -> 150

UNIT 6

119-38 on BR 4
BASALT LAVA WITH
THIN BRECCIA
INTERVALS,

MODERATELY
OL-AUG-PHYRIC
BASALT BRECCIA.

124-131 vein netw.
n=7, 0.2mm, straight
83 -> 185
90 -> 124

330-U1376A-6R-4-A_SHLF2883121_20110129111419

UNIT 6

PIECE 1a – 1b

1-5-8 vein network, n=3, 1.5mm straight → 270

8-10 vein network n=2, max. 3mm, mode 1mm irregular, 90 → 191

12-13 vein network, n=2, max 2.5, 89 → 021

16-18 vein network, n=2 3mm, irregular, 82 → 161

max 22-24 vein network n=2, 6mm, mode 2.5, branded 77 → 129

27-31 vein network, n=2 max. 4.5, mode 2.5mm, straight, 59 → 156 branded

NOT RECOVERED CHANGE TO BRECCIA

UNIT 7

BASALT BRECCIA

38 – 95 cm

FRAGMENTED LAVA AND HYALOCLASTITE

PIECE 2 – 5a

PHENOCRYSTS SAME AS UNIT 6

MODERATELY OLIVINE-AUGITE-PHYRIC BASALT BRECCIA.

MOTTLED GREEN GRAY REDDY BROWN.

FINE GRAINED, 0.1

MODERATELY-PHYRIC BRECCIATED.

1-2 vein, n=1, 3mm, straight 72 → 015

PILLOW

1-11 cm

10-38 cm

24-85 vein, n=1, 0.8 straight 65 → 286

32-34 vein network, n=4 max. 2.5, mode, 0.3mm, irregular, branded, 25 → 180

107-111 vein, n=1, 2.5mm straight, 79 → 240

110-113 vein network, n=9, 0.2mm, irregular, steep dip, 180°

111-114 vein network, n=4 2mm, 72 → 030, branched

116-117 vein, n=2, 5mm, branded, 88 → 182

46 vein, n=1, 4mm, straight 86 → 181

48 vein, n=1, 2mm, straight 90 → 150

50-64 vein network, n=2 0.5mm, branded, vertical, steep dip,

120.5 vein network, n=2, 2mm branded, straight, steep dip → 180

123-125 vein network, n=5, 2mm, mode 1mm, irreg.) 29 → 000

90% CLASTS 5mm Subangular moderate poorly sorted.

MOD. OL-AUG-PHYRIC BASALT BRECCIA. MOTTLED GREEN-GRAY-BLACK-REDDY BROWN FINE-GRAINED 0.1 MODERATELY-PHYRIC BRECCIATED. 2% VESICLES 2-1mm, high, rounded.

127-130 vein network, n=3, max. 5mm, irreg.) 90 → 190

113-130 vein network, n=8, 2mm, irregular, vertical

62-75 vein, n=1, 0.1mm 75 → 112, irreg.

90% CLASTS 5mm mod. Moderate Sub-rounded (>20mm) Small ones subangular Poorly sorted

87-91 vein, n=1, 0.5mm, straight, 24-118

98-105 vein network, n=6, 2.5mm max, mode 1mm, 70 → 115 straight

UNIT 8

BASALT LAVA

95 – 132 cm

CLAST

PIECE 5a-6

ISC1=1

PHENOCRYSTS

0% PX !

10% OLIVINE EUHEDRAL, PORPHYRITIC MAX 3mm MOD 1mm

HIGHLY OLIVINE-PHYRIC BASALT CLAST.

(NO CHILLED MARGINS, DIFFERENT LITHOLOGY TO SURROUNDINGS).

GRAY-WHITE-REDD. FINE GRAINED 0.1 HIGHLY PHYRIC.

5% VESICLES 15mm max 3mm mod elongate, rounded.

UNIT 9

132 – 134 cm

PIECE 6

29. PX SUB FRESH 3/1.5 mm

4% OL EUH. COMP 2.5/1.5mm

330-U1376A-6R-5-A_SHLF2883151_20110129160046

UNIT 9 CONTD.
0 - 7 cm
PIECE 1A

UNIT 10
PIECE 1A - 3
7cm
BECOMES MASSIVE -
NO GLASSY MARGIN
7 - 75 cm

ISCI 1

less than 1m
no glassy margin

0% PL
0% PX
10% OL
PERVASIVELY ALTERED
EUHEDRAL
MAX 3mm
MOD 3mm
HIGHLY OL PHYRIC BASALT CLAST
MOTTLED GRAY
WHITE
FINE GRAINED

2-8 igneous contact straight, 74->058
7-12 vein network, n=8, 4mm, 74-> ±0°, irreg, branched

VESICLES
7-75cm
0%

14-17 vein network, n=3, 3mm, irreg, bracked, 81-> 355

22-23 vein, n=1, 4mm, curved 80-> 192
25-26 vein, n=1, 2mm, straight, 67-> 349
29-32 vein, n=1, 0.2mm straight, 37->210
28-35 vein, n=1, 8mm straight, 80-> 293

37-53 fractured

41 vein, n=1, 0.1mm straight, 88-> 195
41-45 vein, n=1, 0.1mm straight, 37-> 134
44-51 vein, n=11, 1.5mm stepped, 90-> 126
46-52 vein network, n=11, 0.1 irreg.

55-61 vein network, n=6, 0.1mm, branched,
57.5-61 vein, n=1, 4mm straight, 70-> 089
59-63 vein network, n=3, 0.1mm, straight 84-> 317
63-64 vein, n=1, 3mm, straight, 77->157
65-67 vein, n=1, 2mm, straight, 88-> 156
66-74 vein, n=1, 1mm, straight, 37-> 248
74-75 vein, n=1, 2mm straight, Po > 006

75cm
NOT RECOVERED

UNIT 11 PIECE 1-7
75 - 87 cm @ 6R-6

BASALT BRECCIA
FRAGMENTED LAVA
& HYALOCLASTITE

84-85 vein, n=1 2mm, irreg, 66->171

0% PL
2% PX
MAX 2mm
MOD 1mm
SUBHEDRAL, FRESH
4% OL
MAX 3mm
MOD 1.5mm
SUBHEDRAL
PERVASIVELY ALTERED
MODERATELY OL-AUG-PHYRIC BASALT BRECCIA

100-102 vein, n=1, 1mm, straight 75-> 152

MOTTLED BLACK
GREEN REDDISH BROWN
FINE GRAINED

103-108 vein network, n=8 0.3mm, irregular

ATTRIBUTES

VOLCANIC CLAST
90%
MOD: 10mm
MODERATE
SUBANGULAR
POOR

VESICLES
5%
MAX 3mm
MOD 1mm
HIGH
ROUNDED

117-118 vein, n=1, 7mm, straight, 80-> 008
119-124 vein network, n=6, irregular
125-127 vein, n=1, 3mm, straight, 66-> 177
132-133 vein, n=1, 3mm straight, 82-> 172
130-134 vein network, n=6 0.1mm, irregular
134-135 vein, n=1, 0.3 straight, 72-320
137 vein, n=1, 02mm, straight, non-oriented
137 vein network, irreg., non-oriented, n=6, 0.1mm

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UNIT (11)
PIECE 1 - 5d

1-6 vein network, n=4
0.1mm, irregular

8 vein, n=1, 3mm,
straight, 81->125

11-12 vein, 2mm, n=1,
straight, 73-> 009

13-14 vein network, n=3
5mm, branched, straight
80->001

22-26 vein network, n=6
0.1mm, horizontal +/- 180°
straight

26-28 vein, n=2, 4mm,
branched, 84-> 001

28-35 vein network, n=5
1mm, irregular

33-34 vein, n=1, 0.1mm
straight, 88-> 164

34-35 vein, n=1, 0.8mm,
irreg, 21-> 188

37-39 vein, n=1, 0.8mm,
straight, 60->307

38-39 vein, n=2, branched
6mm, straight, 70-> 015

48-49 vein, n=2, 1mm,
branching & reconn. straight
89->190

54-55 vein, n=2, 4mm branched
74->178

58-61 vein, n=1, 2mm, straight
83->297

59-60 vein, n=2, 5mm,
branched, 80->007

71-73 vein network, n=3,
max. 4mm, mode 1mm,
branched, 80 -> 164

75-76 vein, n=2, 5mm,
straight, 81-> 173

76-81 vein network, n=6,
0.1mm, irregular, vertical-
horizontal

82-83 vein, n=1, 2mm,
straight, 70->180

NOT RECOVERED

UNIT (12) PIECE 4-5b
BASALT LAVA, CLAST
87 — 22.5 cm @ 68-7
90-104 vein network, n=10
0.2mm, irreg.

ISC1 1

NO GLASSY MARGINS

LESS THAN 1 m

0% PL

0% PX

10% OL
MAX 6mm
MOD 3mm
EUHEDRAL
SLIGHTLY ALTERED

HIGHLY OL-PHYRIC
BASALT CLAST

GRAY

FINE GRAINED

VESICLES

0%

96-97 vein, n=1, 0.8mm,
curved, 76->360

107-111 vein, n=1, 1mm,
irregular, 83-> 304

112-118 vein network, n=4,
0.2mm, straight, branched,
step at p. -> 216

117-124 vein, n=1, 2mm,
straight, 71-> 309

125-127 vein network, n=3
0.5mm, irreg.

125-128.5 vein, n=1, 4mm,
straight, 79 -> 119

123 vein, n=1, straight
90 -> 180, 0.1mm