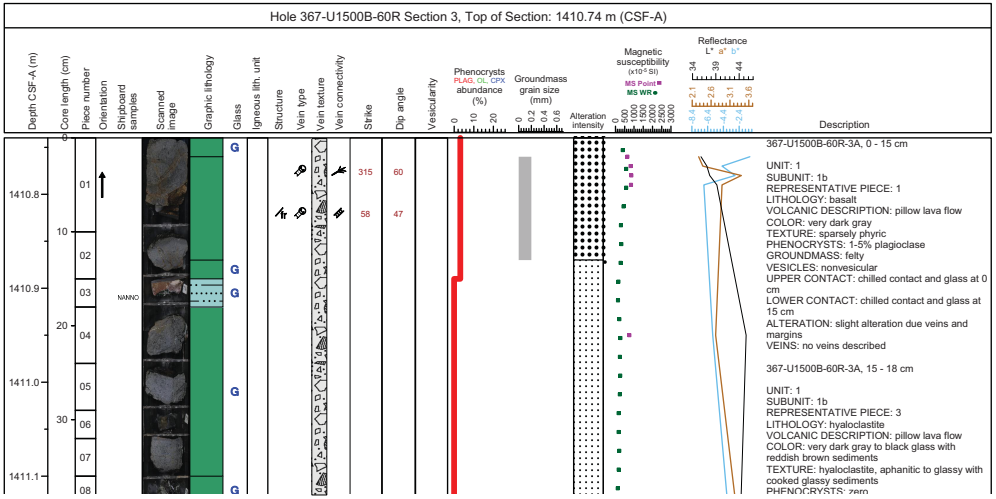
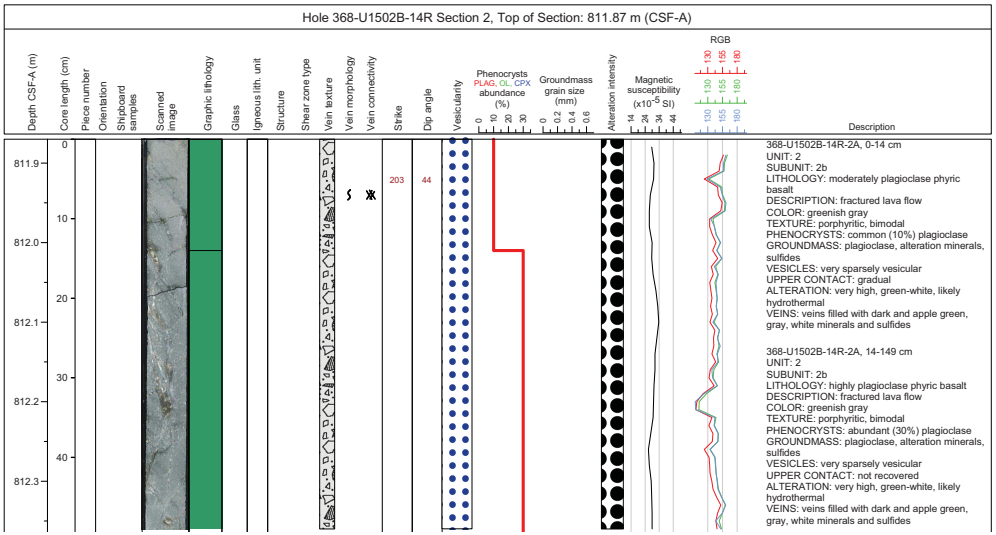
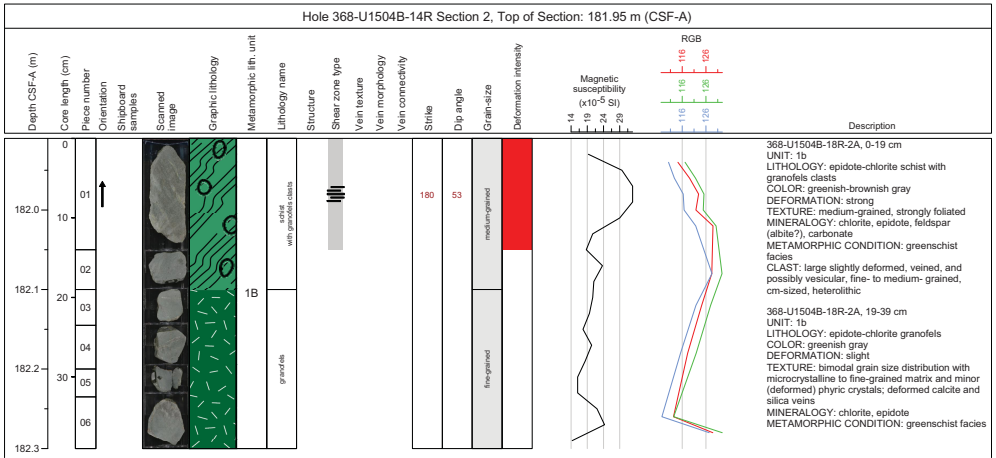

A
Hole 367-U1500B-60R Section 3, Top of Section: 1410.74 m (CSF-A)
Depth CSF-A (m)
Core length (cm)
Piece number
Orientation
Shipboard samples
Scanned image
Graphic lithology
Glass
Igneous lith. unit
Structure
Vein type
Vein texture
Vein connectivity
Strike
Dip angle
Vesicularity
Phenocrysts PLAG, OL, CPX abundance (%)
Groundmass grain size (mm)
Alteration intensity
Magnetic susceptibility (x10-5 SI)
MS Point
MS WR
Reflectance
L*
a*
b*
Description
1410.8
1410.9
1411.0
1411.1
01
02
03
04
05
06
07
08
NANNO
315
60
58
47
367-U1500B-60R-3A, 0 - 15 cm
UNIT: 1
SUBUNIT: 1b
REPRESENTATIVE PIECE: 1
LITHOLOGY: basalt
VOLCANIC DESCRIPTION: pillow lava flow
COLOR: very dark gray
TEXTURE: sparsely phyric
PHENOCRYSTS: 1-5% plagioclase
GROUNDMASS: felty
VESICLES: nonvesicular
UPPER CONTACT: chilled contact and glass at 0 cm
LOWER CONTACT: chilled contact and glass at 15 cm
ALTERATION: slight alteration due veins and margins
VEINS: no veins described
367-U1500B-60R-3A, 15 - 18 cm
UNIT: 1
SUBUNIT: 1b
REPRESENTATIVE PIECE: 3
LITHOLOGY: hyaloclastite
VOLCANIC DESCRIPTION: pillow lava flow
COLOR: very dark gray to black glass with reddish brown sediments
TEXTURE: hyaloclastite, aphanitic to glassy with cooked glassy sediments
PHENOCRYSTS: zero


B
Hole 368-U1502B-14R Section 2, Top of Section: 811.87 m (CSF-A)
Depth CSF-A (m)
Core length (cm)
Piece number
Orientation
Shipboard samples
Scanned image
Graphic lithology
Glass
Igneous lith. unit
Structure
Shear zone type
Vein texture
Vein morphology
Vein connectivity
Strike
Dip angle
Vesicularity
Phenocrysts PLAG, OL, CPX abundance (%)
Groundmass grain size (mm)
Alteration intensity
Magnetic susceptibility (x10-5 SI)
RGB
Description
811.9
812.0
812.1
812.2
812.3
203
44
368-U1502B-14R-2A, 0-14 cm
UNIT: 2
SUBUNIT: 2b
LITHOLOGY: moderately plagioclase phyric basalt
DESCRIPTION: fractured lava flow
COLOR: greenish gray
TEXTURE: porphyritic, bimodal
PHENOCRYSTS: common (10%) plagioclase
GROUNDMASS: plagioclase, alteration minerals, sulfides
VESICLES: very sparsely vesicular
UPPER CONTACT: gradual
ALTERATION: very high, green-white, likely hydrothermal
VEINS: veins filled with dark and apple green, gray, white minerals and sulfides
368-U1502B-14R-2A, 14-149 cm
UNIT: 2
SUBUNIT: 2b
LITHOLOGY: highly plagioclase phyric basalt
DESCRIPTION: fractured lava flow
COLOR: greenish gray
TEXTURE: porphyritic, bimodal
PHENOCRYSTS: abundant (30%) plagioclase
GROUNDMASS: plagioclase, alteration minerals, sulfides
VESICLES: very sparsely vesicular
UPPER CONTACT: not recovered
ALTERATION: very high, green-white, likely hydrothermal
VEINS: veins filled with dark and apple green, gray, white minerals and sulfides


C
Hole 368-U1504B-14R Section 2, Top of Section: 181.95 m (CSF-A)
Depth CSF-A (m)
Core length (cm)
Piece number
Orientation
Shipboard samples
Scanned image
Graphic lithology
Metamorphic lith. unit
Lithology name
Structure
Shear zone type
Vein texture
Vein morphology
Vein connectivity
Strike
Dip angle
Grain-size
Deformation intensity
Magnetic susceptibility (x10-5 SI)
RGB
Description
182.0
182.1
182.2
182.3
01
02
03
04
05
06
1B
schist with granofels clasts
granofels
180
53
medium-grained
fine-grained
368-U1504B-18R-2A, 0-19 cm
UNIT: 1b
LITHOLOGY: epidote-chlorite schist with granofels clasts
COLOR: greenish-brownish gray
DEFORMATION: strong
TEXTURE: medium-grained, strongly foliated
MINERALOGY: chlorite, epidote, feldspar (albite?), carbonate
METAMORPHIC CONDITION: greenschist facies
CLAST: large slightly deformed, veined, and possibly vesicular, fine- to medium- grained, cm-sized, heterolithic
368-U1504B-18R-2A, 19-39 cm
UNIT: 1b
LITHOLOGY: epidote-chlorite granofels
COLOR: greenish gray
DEFORMATION: slight
TEXTURE: bimodal grain size distribution with microcrystalline to fine-grained matrix and minor (deformed) phyric crystals; deformed calcite and silica veins
MINERALOGY: chlorite, epidote
METAMORPHIC CONDITION: greenschist facies