

Graphic Representation

Sample

Visual Core Description Observer

Depth Interval 1 8 6 8 8 5 cm to 1 8 7 0 4 2 cm

Box 319, Section 3

U. 318.2

LITHOLOGY-PETROGRAPHY

Continues U.318.2

Grey aphyric basalt becoming finer grained towards contact.

U.318.2 Contact: U.318.2 intruded into (chilled against) U.319.1 (1869.22)

U.319.1 A flow-contact, irregular but horizontal. Grey aphyric (possibly << 1% < 1 mm plagioclase phenocrysts) basalt flow--medium grained, no flow top in core.

U.318.2
U.319.1

STRUCTURE

U.319.1 Slightly flow banded

VESICLES/AMYGDALES

U.319.1 < 2%, 5 to 25 mm irregular vugs filled by quartz and epidote (?). 2-10%, 0.5 - 2 mm green-gray clay filled vesicles.

FRACTURES - VEINS - BRECCIA

OP1 1868-57

U.318.2 Zeolite and calcite filled veins, mostly dip > 50°, some may be conjugate.

U.319.1 A few > 70° dip, zeolite filled veins.

ROCK ALTERATION

U.318.2 As above

U.319.1 Groundmass moderately altered to clay.

U. 319.1