

Visual Core Description

Observer

Depth Interval 1 9 1 8 1 5 cm to 1 9 1 9 7 3 cm

Box 327, Section 4

LITHOLOGY-PETROGRAPHY

Continues U.326.2

Continuation of section # 3, Box 327, U.326.2. Base of basalt flow.

1918.51 Depositional contact with basalt flow (U.326.2) deposited on sediments of U.327.1, contact is horizontal and planer, with some chilling of the basalt along it.

U.327.1 Reddish brown fine to medium grained sediment, dense, well indurated. Lower contact irregular and steeply inclined, accumulation of feldspar crystals along contact.

U.327.2 Highly epidotized, green flow top breccia, highly vesicular clasts and groundmass, with some vesicles only partially filled. Vesicles predomintly filled with green epidote and green clays and some quartz.

THIS IS THE LAST SECTION (i.e. Box 327, Section 4) OF THE ICELAND RESEARCH DRILLING PROJECTS, HOLE. DEPTH OF HOLE 1919.73 metres.

STRUCTURE

U.326.2 Massive

U.327.1 Bedded with bedding horizontal at 1918.55 with beds dipping \sim 20-30° at base

U.327.2 Brecciated

VESICLES/AMYGDALES

U.326.2 Vesicles, filled with green smectite. Range in size from 4 mm - < 1 mm.

U.327.1 None

FRACTURES - VEINS - BRECCIA

U.327.1 None