

IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp. 364	Site 77	Hole A	Core 45	Type R	Section 3
-------------	------------	-----------	------------	-----------	--------------

Date 27 Sept	Time 17:04	Observers KRS, PK, LR
-----------------	---------------	--------------------------

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	Description
0							relatively well sorted, matrix supported suevite
10			sed				Overall grains are 5mm or smaller.
20			polymict breccia				Coarse grains up to 8mm concentrated at 17-20 cm
30			34 cm Suevite				large green fragment (2cm) observed at 31-32cm part
40							COLOR: G-LET 2 S/SPB (bluish gray)
50							dark green clasts dominated
58							large grains usually light green
60							
70							
80							
90							
100							
110							
120							
130							
140							
150							
160							

CT

CT: dark grey, density (blue-green) atomic number (yellow-orange) some melts are light grey in CT

no structure

Clast variety is same as 45-1 + -2. The matrix is compact, w/o vesicles. There may be two components in matrix. At 24 cm, a string of large melt clasts that are bifurcated by a fracture. Two clasts are silicate, one carbonate.

58cm MW

3