


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

Exp. 364	Site 77	Hole A	Core 58	Type R	Section 2
-------------	------------	-----------	------------	-----------	--------------

Date 28 Sept	Time 13:59	Observers KG-LX
-----------------	---------------	--------------------

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0									monotonous, poorly sorted, grain-supported suevite (partly matrix supported), largest grain: 2cm. white (limestone?) clasts are observed. dark grey clasts dominated. grains rounded - semi irregular shape. COLOR: 6LE2 5/5PB	
10										
20										
30										
40										
50				SED						
60			1	polymict breccia	no	no				
70				suevite						
80										
90			37.5							
100										
110										
120										
130										
140										
150										
160										

matrix: dark grey, grains: black or white

Similar to 58-1 with the following additions. A turquoise blue alteration mineral is appearing in vesicles in the melt clasts. Orange-colored secondary minerals are scattered the length of the section. There are glints of what may be a sulfide.

Potential diorite at 100 cm. Other clasts include a granite & a metamorphosed granodiorite.

35