

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

Exp. 364	Site 77	Hole A	Core 78	Type R	Section 1
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Date 29/09/16	Time 10:00	Observers LF, MW, MP
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0								polymict breccia, medium sand - coarse pebble, avg fine pebble clasts well rounded to subangular. avg - sub rounded. clasts ~ 40% - matrix supported poorly sorted, matrix-carbonate-rich vuggy - calcite + red alteration 2.54 5/1 generally ↑
10								
20								
30								
40								
50		1	Suevite					Larger clasts at the top of the unit (larger than core $\phi$ ). clasts are sub-angular to subrounded (rounded). All variety of $\neq$ clast types are represented. @ 3-10 - Large (> core $\phi$ ) granitoid (shocked and altered). @ 12-16 - Light green melt (len) with dolerite clast. @ 18-26 - Large (> core $\phi$ ) granitoid (shocked/ altered). @ 41-52 - Large carbonate clasts (> 3cm) @ 45 - shocked carbonate (recrystallized / fossils) @ 36,5-41 - Large granitoid (> 5cm)
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								
160								

Long Formio  
LF  
DK 25  
Ritter  
NW white CO<sub>2</sub> clast  
Smit

CT - LG to DG change w (carbonates)  
40-42  
81-11

CT as in previous section