

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

Exp. 364	Site 77	Hole A	Core 80	Type R	Section 2
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Date 29/09/16	Time 11:32	Observers LF, MW, MP
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description													
0		1	suevite					<p>polymict breccia, medium sand to coarse pebble size - probably bimodal grains well rounded to subangular. poorly sorted. 30-40% clasts matrix - 2.57 4/1, vuggy + calcite + reddish alteration</p>													
10								<p>Same as previous unit. Large clast of impact melt clast-poor (more than 10cm in size)</p>													
20																					
30																					
40										<p>Massive impact melt rock = <u>clast</u> Lo clast poor; no vesicles</p>											
50									2	Massive impact melt rock clast (clast poor) [the large dark/black clast is excluded!]					<p>38-49: DG-CT: Dark gray in color. Contains clasts up to 3cm (1 clast), other are in order of a few mm. Sharp contact with suevite matrix (lighter gray at the contact)</p>						
60																					
70																					
80																					
90																					
95.5																					
99.5																					
100																<p>poly mict breccia, med. sand to coarse pebble - 12cm granitic clast 15cm melt clast + others</p>					
110															3	suevite					<p>105.5 granite fine-grained (LG to DG) clasts well rounded to subangular poorly sorted matrix - 2.57 4/1, carbonate-rich vuggy + calcite + reddish alteration</p>
112																					
119																					
134																					
134																					
134																					
134																					
140										<p>shocked crystalline rock (gneiss?) - LG to DG Impact melt clast poor (same as 38-49) - Same as previous units -</p>											
150																					
160																					

MW  
C3 clast

green  
melt  
+ other  
melt

J.V.  
URRW

DK

Tomio

J.V.  
URRW

Long

J.V.  
URRW

LF

16 -  
20 -

37  
42

LG  
HW

68  
72.5

DG

83  
87  
92

105.5

112  
119

134