

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

Exp. 364	Site 77	Hole A	Core 76	Type R	Section 1
-------------	------------	-----------	------------	-----------	--------------

Date 29/09/16	Time 9:21	Observers MW, LF, MP
------------------	--------------	-------------------------

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0		1	suevite			10- 52- 74- 78- 123-	DG to LG - Same as previous unit Large carbonate clasts	poly micr breccia, medium sand to coarse pebble size, max clast 8cm - large CO ₃ clast @ 15cm, both shallow & deep-water CO ₃ clasts, avg clasts - fine pebble clasts well rounded to angular most sub rounded. 30-40% clast - matrix supported poorly sorted carbonate-rich matrix - ruggy +/- calcite + reddish alteration
10								More or less bimodal with large clasts from 40 to > core diameter and others less than 15mm. Large clasts mainly subrounded. Same types as in previous units. @ 7 - void partially filled with calcite and with red rim @ 15-19 - very large (> core ϕ) limestone clast sub-rounded @ 26-29 - sub-rounded clast with orange to red alteration + calcite @ 64-68 - Large green melt (60mm) @ 74-78 - Granitoid (80mm) @ 60-62 - Large chert + limestone (> 40mm) @ 87-89 - Large limestone with strong fossils (shallow water fossils) @ 106-110 - Granitoid rimmed with greenmelt Locally red alteration filling cracks in clast or rimming clasts, rarely more than 1.5cm
20								CT - Same as previous
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								
160								