


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

Exp. 364	Site 77	Hole A	Core 42	Type R	Section 1
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Date 27/09/16	Time 9:55	Observers MW, MP, LF
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0		1	Suevite						0-10cm - similar ↑ - continuation of cycle from overlying core, no stylolite @ base just change in grain size - max clast 1cm
10									10-30cm - similar ↑ but vague plane laminae @ 23cm, max clast - 7mm
20									30-25.5 - matrix supported
30									30-94cm - similar but w much coarser clasts - up to 1.5cm @ 47cm.
34									above this most clasts have been rounded - start seeing some sub angular to angular clasts
39									94-103.5 - top of similar ↑ but max 2mm
40									core fractured 78-90 + subvertical
47									disrupte 2 patches - clast rounded to subrounded
50									Clast population as in previous core section (same abundance and types).
60									Large (11) vesiculated Pimstone clast
70									Large > 14mm silica melt particle
80									Large ~15mm green glass fragments
89									A few dark subrounded to rounded clasts (up to 3mm)
90									Locally pyrite filling porous clast
94									At 31cm, clast with red/dark brown mineral filling vesicles in a clast
100									At 30-34 - Increased porosity = pyrite
103.5	At 26-29 - Increased matrix (!) (lower porosity)								
110	CT: DG dominants, B (open fractures), w Brady (pyrite) associated with low density + LG at 30-34								