

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

Exp.	Site	Hole	Core	Type	Section
364	77	A	41	R	2

Date	Time	Observers
27/09/16	9:18	MW, MP, LF

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description	
0	Image of core section									Lithoclastic gackstone to rudstone as above. - finesand to pebblesize	
10										0-13.4 - base of ↑ c from overlying core. 1cm wispy stylolites @ base clasts ~40, max clast 5mm	
20										13.4-53.5 - similar, grading poorly developed, more clast-rich upward max clast 7mm - 53.5-49.5 - zone of wispy stylolites	
30										53.5-61 - similar ↑ c, 2cm wispy stylolites @ base w/out size greenish clast. max clast size 1cm	
40										61-78 - similar ↑ c but no stylolite @ base	
50				LF (stylolite) 4cm (for PTS) 1cm							78-100 - similar ↑ c also no stylolite @ base
60				Suevite							100-120 - similar ↑ c 120-139H similar ↑ c
70											110.5-82cm - vertical pipe
80											clasts population dominated by green altered glass (flow texture visible and in some cases vesicles) = 35/40% Total V (n 80% clast population), carbonate (faint) clasts, + other types of melt clasts, rare black clasts (up to 2mm) [rounded]; No pyrite visible
90											[rare clast larger than the head, all in stylolites]
100											CT: dominated by DG, LG in stylolites, a few white spots (pyrite?) + black and low atomic weight atoms and at 64-67 - disturbance (fluid/gas escape?)
110											
120											
130											
140											
150											
160											

MW →

SO
SH

Vertical pipe

5

Core Disturbance

Fossils

Ichnofabrics

Burrows

Structures

Veins and Alteration

Lithology

Unit #

Image

[cm]

LG Black

DG

LG

LG

Black

LG

DG

LG

DG

DG

64
65