

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

Exp. 364	Site 77	Hole A	Core 41	Type R	Section 1
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Date 27/09/16	Time 7:52	Observers M.W., M.P., L.F.
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description
0		1	Survite		↑	↑	↑	↑	↑	5-17 suevite - Lithic packstone - rudstone w/ lime mud matrix w/ clasts, melt, etc. most med-course sand size 0-17 coarsening up w/ clay? wispy stylolites @ base max clast size 5mm
10										Dark grey = DG
20										Light grey = LG
27										Dark grey
30										Light grey
33										Dark grey = 3G
36										Light grey = W
40										Dark grey locally with = pyrite
50										Light grey
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

MW →

~105
~107

LF (gas escape)
+ pyrite
+ 107/108 on
TSB

96.5
vertical
disruption - fluid/gas escape?
722

clast population dominated by green altered glass (flow visible inside them), then carbonate (fossil) clasts (subrounded), other types of melt clasts (silica rich), a few black clasts (mafic?) [generally rounded] + locally pyrite (up to 3mm).

CT: dominated by dark grey; Stylolites = LG, locally pyrite = W, vertically oriented disturbance = black + low atomic weight.