

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

Exp. 364	Site 77	Hole A	Core 53	Type R	Section 1
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Date 28/09/16	Time 7:20	Observers LF, MW, MF
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0									<p>polyminic breccia with minor carbonate matrix. wide variety of clasts. very little organization except for poorly defined grading. Elongate grains aligned horizontally.</p> <p>med sand - pebble size max clast 2 cm grains well rounded to subangular</p>	
10									<p>All unit is dark grey (≠ clast type show ≠ CT, from 5 to W)</p>	<p>Matrix is light grey (10YR/5/1) / 40% (no vesicles; more vesicles) - less carbonate than 1/16 of v</p> <p>clasts from sub-angular to well rounded (rare angular clasts; especially a few black clasts).</p> <p>Green glass seem less altered than in previous cores? (41-43)</p> <p>Various types of other melts (some vesicular, with flow texture) of different colors from almost white to dark grey.</p> <p>A few granule clasts.</p> <p>Green rimming around carbonate clasts</p> <p>Dark green glass/melt clasts often with redish mineral (alteration filling vesicles)</p> <p>Nice dark grey/brown melt shards with vesicles (unfilled) and non-digested clasts of quartz.</p> <p>Highly polyminic!</p>
20										
30										
40										
50			1	Suevite	No	No	No			
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

MW →