

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

Exp. 364	Site 77	Hole A	Core 55	Type R	Section 2
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Date 28/09/16	Time 10:30	Observers LF, MW, MA
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0									<p>Polymict breccia. Med. sand to pebble size clasts, well rounded to angular 0-38cm poorly sorted with max clast of 2.5cm. Below 38cm better sorted. Max clast 1cm, 40% clasts - matrix supported, elongate clasts aligned horizontally.</p>
10									
26									<p>Matrix and clasts as in previous section</p> <p>@ 2-3cm &gt;20mm gneiss clast - shocked</p> <p>@ 14-15cm large granitic clast</p> <p>Largest black clast (15mm)</p> <p>Largest/dark brown/grey melt ~10-12mm</p> <p>carbonate (melted) 15mm</p> <p>@ 26cm - mafic clast</p> <p>@ 35cm - large elongated blue/green drop like clast (?)</p> <p>Largest green glass melt - 12mm</p> <hr/> <p>CT - DG as previous</p>
30									
40									
50		1	gneiss	No	No	No			
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									

Piber 2  
LFS  
MW  
right side of core  
Nbo  
Mafic clast

DG with f clasts (big) correlated with visual clasts (B-W)

To be noted is that carbonate clasts have a concentric (reaction) rim. See in previous sections but not repeated.