

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

Exp. 364	Site 77	Hole A	Core 265	Type R	Section 3
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Date 8.10.16	Time 8:55	Observers AB, MP, CF, MT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	Description	
0			Deformed Granitoid with MELT (DGM)					<p>CT: mid grey / white mineral in deformed granite; Melts ^{dark grey to black} low CT, low D</p> <p>① Granite has pervasive sheared fabric. Elements of the fabric are foliations. These foliations are truncated by pervasive shear fractures with sub-cm slating.</p> <p>~5% melt clasts, generally fluidally deformed with occasionally angular shales. ^{1/2 - fold - up to 1cm} ^{plug - 1cm / 2cm}</p> <p>Melt rich shear zones, (< 1cm) cm-thick, grey fill at 2 and 9cm.</p> <p>- Diffuse transition -</p> <p>② Class-rich melt rock, granite clasts up to 3cm. Some granite clasts have pervasive shear fabric and show partial digestion in to melt. Granite clasts range in shape from sub-angular to schlieren-shaped. - Flow texture with elongated mineral and rock clasts; Presence of vesicles (1 to 2mm max.) Melt is light grey (somewhat greenish) to black. No other lithology than granite is visible. (clast types)</p>	
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30				Diffuse ³⁵ transition					
40				Class-rich Impact melt Rock					
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