

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

Exp. 364	Site 77	Hole A	Core 267	Type R	Section 1
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Date 8.10.16	Time 11:05	Observers AR, MP, LF, MF
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0									<p>① Highly deformed granite, coarse-grained K-feld (2.5cm), plag (1.5cm), Qh (1cm), bihite (<0.5cm). Qh reddish locally, especially in the upper part of section. Greenish (alteration) K-felds.</p> <p>11cm - S 155/60 L 235/30 - 2</p> <p>47cm - S 150/60 L 235/10 - 2</p> <p>0-79cm - cm-dm spaced sets of shear fractures, 5mm thick proto-shear zones.</p> <p>65-72m - 2mm wide melt vein displaced by shear fault.</p> <p>② Suerite, with clasts, sub rounded to sub-angular, some with very irregular margins (especially melt rocks clasts). Clasts of granite, 2 types of melt rocks, dark green, light green/gray, black and dark grey (with or without undigested clasts, vesicles, and schlieren). Highly polymict. Size from sub-mm to 3cm.</p> <p>Looks really cool! 😎</p> <p>③ Same as unit ①</p>
10									
20									
30									
40			①	Granite					
50									
60									
70									
79			79						
80			85						
90									
100									
110			②						
120									
130			132						
140			③						
150									
160									

DR

LF

LF

PIT

DK

Axel