


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

Exp. 364	Site 77	Hole A	Core 266	Type R	Section 3
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Date 8.10.16	Time 10:50	Observers AR, NP, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0		1						Granite facies, low D Caraculicite, lower D near-rift shear zone.	Coarse-grained granite, highly deformed / cataclastic; with K-feld (up to 2.5 cm), plag (2 cm), Qtz (1 cm), and biotite (0.5 cm). Qtz grains are locally reddish/purple @ 50-55 cm, melt zone, light grey-greenish-purple, 2 cm in thickness.	
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

Riller  
Rae  
Axel  
Poe  
LF

m

55.5cm - S 170/60 L 80/1 + (4)\*  
 56cm - S 140/45 L 100/35 - (4)\*

\* possibly the result of the intersection of foliation with plane.

14-53cm - vertical cataclastic up to 3cm thick, brown-grey fill, highly irregular margins, anastomosing, truncated by at least two sets of shear fractures. Granite clast components up to 5mm. Cataclastic itself truncates several shear fractures.

53-55cm - cataclastic truncated by near-rift shear zone. ~1.5cm thick. Grey and white fluidal zone. Sub-mm schlieren and one cataclastic clast.

55cm - 74cm - cm-spaced discrete shear zones