

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

Exp. 364	Site 77	Hole A	Core 132	Type R	Section 2
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Date 2.10.16	Time 8:55	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Distance	Core	CT	Description	
0									Coarse-grained granite (as previous unit), K-feld (3,5 cm), plagioclase (2,5 cm), Qtz (2 cm), biotite (<0,5 cm) from 0-30 and 112-end of core. Central part is deformed, crosscut by cataclasites. From 30 to 50 cm, biotite poor.	
10										
20										
30										
40										
50										
56										
60										
63										
70				Granite						
80										
90										
100										
105										
109										
110										
120										
122										
129										
130										
140										
150										
160										

Greater faults, darker in processed zones (53-80), corresponding to low D

$S_{017/40} \quad L_{293/5} \quad + (4)$

51-58 - 1 cm thick cataclastic, white/orange fill (plagioclase rich?)

103-113 - Green colored cataclastic
 - Fluidal textures
 - Irregular edges, particularly on upper side

Trenches antitipical shear fault from 101-108 cm

- Pervasive shearing to granite
 119-129 - Anisomous shear fault

Besides this classic cataclastic and shear fault below