

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

Exp. 364	Site 77	Hole A	Core 179	Type R	Section 2
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Date 4.10.16	Time 10:06	Observers TP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0									0-52cm Zones of pervasive shear fabric with cataclastic deformation
5									52-64cm - discrete shear fractures with sub-mm thickness
10									88-112cm - s 265/30 c 290/25 + (3)
15									116-122cm - s 135/85 c 65/60 - (3)
20									64-81cm - Pervasive Cataclasis without shear fabric - Monomict Breccia
25									81-110cm - Zones of pervasive shear fabric with cataclastic deformation
30									110-123cm - discrete shear fractures with sub-mm thickness
35									Granite facies except for Monomict Breccia which is low CT number and low D
40			1	Granite					
45									
50									
55									
60									
65									
70									
75			2	Granitoid Monomict Breccia					
80									
85									
90									
95									
100			3	Granite					
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
155									
160									

- ① Strongly deformed coarse-grained granite (as previous section), with K-feld (up to 2 cm), plag (2 cm), Qtz (1.5 cm), and biotite (<0.5 cm)
- ② Cataclastic - Monomict breccia (clast up to 1cm)
- ③ Less deformed to undeformed granite K-feld (1.5 cm), plag (1 cm), Qtz (1.5 cm) and biotite (<0.5 cm).