

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

Exp. 364	Site 77	Hole A	Core 143	Type R	Section 2
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Date 2.10.16	Time 14:30	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0									Several shear fractures, sub mm thin, white fill.	
10										
20										
30										
40										
50			1	Granite						Homogeneous coarse-grained granite, K-feld (up to 2.5cm), plag (2.5cm), Qtz (2.5cm), biotite (<0.5cm). Biotite homogeneously distributed
60										@S3 - thin (<5mm) gray cataclaste
70										
80										
90										
100										
110			2	Dolerite (contact at 102 cm)						Granite - dolerite margin truncated by two shear faults, one sinistral (2mm throw) and one possible dextral, (>2cm throw)
120										Dolerite has several hair line fractures. Plag laths up to 5mm, pyroxene less than 2mm.
130										Thin (less than 2mm) black veins at the margin dolerite/granite. (magnetite?)
140										
150										
160										

Be

Rita
LF

Granite + dolerite facies