

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

Exp. 364	Site 77	Hole A	Core 164	Type R	Section 2
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Date 3.10.16	Time 14:30	Observers JP, AR, LF, MC
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description	
0								18-29cm shear fracture, 1mm white fill	
10								several	
20								0-46cm: diffuse, black fractures	
30								68-110cm: several subvertical anastomosing shear fractures with white, gray or black fill <mm	
40								110-114cm: near contact to dacite dike, anastomosing cataclastic zone, 1-2cm thick, yellow-brown fill	
50				1 Granite					114cm granite-dacite contact truncated by 2 shear fractures
60									Top = Granite ①
70								50-57 = Aplite ✓	
80								57-113 = Granite ②	
90								113 = Dacite ④	
100								① Granite - coarse-grained, K-feld (3cm), plagi (2cm), Qtz (2cm), and Biotite (40, 5cm), locally concentrated (up to 5cm)	
110								② Aplite -	
120								③ Same granite as ①	
130								④ Dacite (K-feld, plag, Qtz, mafic, and biotite).	
140									
150									
160									

Axel
aplite +
LF

LF

B-
GN

Granite facies, aplite without white minerals