

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



Exp. 364	Site 77	Hole A	Core 298	Type R	Section 1
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Date 12.10.2016	Time 11:10	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0		1	Suevite					① suevite fining toward contact + clast of up to 0.5cm at the top and less than 1mm at contact. contact is truncated by anastomosing shear fault.
10								Locals of granite, black met, gneiss, and others too small to be identified. + dolomite
20								
30								
40								
50								
60		②	Granite					② Granite. At 17cm - anastomosing shear fault. 5mm thick, white fill. forms contact with suevite
70								
80								
90							M	8-96cm - diffuse, local, anastomosing Caraculites, Caraculite at contact is lighter in colour than suevite adjacent to the contact.
100							Gn	8-129cm - dark-grey / black shear fractures, and shear fracture networks are truncated by Caraculites.
110								Caraculites are truncated by white shear fractures.
120							Gn	48-75cm - Shear fabric, Muscovite foliations intermixed with caraculites
130								Deformed coarse-grained granite with K-fid (<5cm) phenocryst, plagi (2,5cm), Qtz (1cm), and biotite (<0,5cm). Below 124cm = aplite network of green veins
140								
150								
160								

Axel LF

Ritter +OK

LF

60 Rae 65 1/h

96 Rae 101 1/h

8cm

②

124cm

↓ aplite

Granite facies - low D caraculites

M

Gn

Gn