

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

Exp. 364	Site 77	Hole A	Core 227	Type R	Section 1
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Date 06.10.16	Time 13.40	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0			granite					<p>85cm: S 140/75 L 210/15 -2</p> <p>Throughout core: subvertical green shear fractures and veins \approx 1mm thick, shear fractures with irregular edges have dilatational gaps filled with calcite and purple mineral</p> <p>105-110cm horizontal white veins $<$ 1mm</p>
10								
20						GN		Granite facies
30						GN		
40								
50						u		
60			60			u		
69						u		
70			2	Aplite		u		
77			75					
78								
80						GN		
90			3	granite		GN		
100						GN		
110						GN		
120								
130								
140								
150								
160								

① coarse grained granite with K-fld ($<$ 4cm), Plag ($<$ 2cm) Qz ($<$ 2cm), and biotite ($<$ 0.5cm).

② - Aplite with dark needles, up to 7mm. (aplitic dyke) - center part is granitic (coarse-grained)

③ - Same as ① but greenish in color.

④ 83cm - up to 1cm thick vein, white-green-purple fill (including Qtz).

A33

Rae 1/4

Rae 1/4

Long
Pink