

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

Exp. 364	Site 77	Hole A	Core 248	Type R	Section 1
-------------	------------	-----------	-------------	-----------	--------------

Date 7. 10. 16	Time 11:30	Observers A RM PL ENT
-------------------	---------------	--------------------------

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0		1	AF-granite						0-19cm: 1-5cm wide dilational fracture filled with ~75% granite clasts, angular to subangular, in a matrix of dark green, fine grained material. Dark green matrix is locally altered to epidote & calcite.
10									0-10cm: 3mm wide white & light grey filled shear fracture truncating off-shooting veinlets from dark green dilational fracture.
20									21-25cm: <1mm thick white shear fractures.
30									① AF-granite, coarse-grained, with K-feld (2.5cm) and Qtz (1.5cm) and biotite.
40			2	Granite					② Coarse-grained granite, with K-felds (2.5cm), plag (2cm), Qtz (2cm), and biotite (10.5cm).
50									③ - pegmatite with platy biotite, up to 5mm. Rare qtz (<8mm)
60									④ Same as unit ②
70									
80									
90			3	Pegmatite					
100									
110			4	Granite					
120									
130									
140									
150									
160									

Epidote in veins is white CT white, high Z, high D, Granite & Aplite Facies

u
u