

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

Exp. 364	Site 77	Hole A	Core 177	Type R	Section 2
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Date 4, 10, 16	Time 9:30	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0		1	Granite				Granite fabrics - lack of white minerals in deformed zone	68-72cm - carnelasite fill S 215/68 C 132/5 - (3)
10								90-94cm - carnelasite fill S 215/85 C 132/5 - (2)
20								94-99cm - carnelasite fill S 215/85 C 132/5 - (2)
30								0-50cm localised zones of pervasive shear (up to 2cm thick) sub-vertical carnelasite truncates sub-horizontal carnelasites
40								69, 85, 93, III - 4 parallel carnelasitic shear zones, up to 3cm thick. These carnelasites displace shear fabrics in intervening granite.
50								- Early shear fabric consists of
60								1) primary carnelasite formation near-
70								2) perpendicular shear fractures causing truncation of primary carnelasites
80								3) discrete carnelasite formation which cross-cuts pre-existing fabric
90								Coarse-grained granite, K-feld (3,5cm), plagi (2cm), qtz (2cm), and biotite (10,5cm), locally in aggregates. Pervasively fractured and strongly deformed (wavy) in the lower 1/2 section (almost monomict breccia)
100								
110								
120								
130								
140								
150								
160								