

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

Exp. 364	Site 77	Hole A	Core 287	Type R	Section 3
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Date 11.10.2016	Time 16:16	Observers UR, XL, DK
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0		1	Granite						<p>① color: SYR. 6/4 / CT dark grey strongly deformed coarse ^{grain} size granite. a shear band occurs from top to 13cm</p>	
10										<p>② gradually changed to polymict breccia Suevite; some glass are melted by melt. Color: grey. SYR / NS CT: dark grey</p>
20				IMP polymict breccia Suevite						<p>Polymict breccia suevite. matrix supported sulfide clasts: mylonite (~6cm), gneiss, granite, impact melt (<10%), w/green mineral Matrix: medium grain size clasts. Strong deformation</p>
30			2							
40										
45										
50										
60										
65										
70			3	Granite						<p>③ Same as Unit 1.</p>
80										
90										
100										
110										
120										
130										
140										
150										
160										

deteriorated

cataclastic

→ metamorphic melt is around
 gneiss, not granite (implying
 granite formed locally by
 disrupting granite.

green ^{red} mineralization ~~is~~
throughout section

Log - Xino
Kring
So-52
Wittmann
70-72