

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

Exp. 364	Site 77	Hole A	Core 285	Type R	Section 2
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Date 11.10.16	Time 12:00	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0									<p>① Highly deformed coarse-grained granite, brecciated and containing clasts of \neq lithologies; matrix is grey; clasts are angular to sub-rounded, mainly mafic rocks (in addition to granite) + unidentified green clast. [K-feld (up to 3cm), plag (1,5cm), qtz (2cm), and biotite (0,5cm).]</p> <p>0-100cm: brecciation is truncated by conjugate shear fractures and shear fabric zones</p> <p>Mafic clasts may be melt clasts, in which case this unit would be a suevite!</p> <p>② Suevite dominated by matrix, gray in color; clasts up to 7cm, angular to rounded. Granite, black melt, mafic rocks, foliated lithology partly melted (with irregular margin), quartz, etc.</p>
5									
10									
20									
30									
40			①	Polymict impact breccia (granite) dominant					
50									
60									
70									
80									
90									
95									
100			②	Suevite					
110									
120									
130									
140									
150									
160									

DK
Rae

LF

Rae



0-100cm is similar to granitic facies, with shear band textures, and low density clasts; high porosity; suevite facies