

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

Exp. 364	Site 77	Hole A	Core 162	Type R	Section 2
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Date 3.10.16	Time 12:50	Observers MP, AR, LF, NT
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0									6cm: S 340/58 L 290/50 +2
10									30cm: S 330/85 L 260/20 -2
20									25cm 2cm wide, dark, <sup>green</sup> aphanitic vein with 2mm wide process zone. Either microcrystalline dolerite or cataclastic?
30									60-67cm sub-mm thick, white-filled shear fracture
40									74-81 as above, but anastomosing
50									83-93cm pervasively sheared zone, X shear fractures, plus incorporation of dolerite reprocessed
60									93-99cm brittle-plastic deformation zone discontinuous disruption of dolerite against shear fractures, with localized shearing of granite clast
70									115cm i 1cm contact zone
80									① Granite, coarse-grained, k-feld (3,5cm), plag (2cm), Qtz (2cm), and bihbl (2,5cm).
90									② Dolerite (aphanitic), with pyroxene (up to 5mm) - reddish-brown zones at contacts and lighter green.
100									from GLEYA/4/5G to 2,5/5G
110									
120									
130									
140									
150									
160									

Contact  
Poo  
+ Rilla

Poo  
Rilla  
Tossil  
DK

1 Granite

2 Dolerite (aphanitic)

W

B  
M

M  
M

B

thin grey vein

Ave 93  
HLF