


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

Exp. 364	Site 77	Hole A	Core 152	Type R	Section 1
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Date 2/10/16	Time 20:20	Observers KR, XL, DK
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description
0			8-10cm King IMP						color: 7.5 YR 4/0
10		PK	Target Rock						CT: white
15			dolerite						porphyritic dolerite intruded in granite
20			10-12cm Pickersgill						phenocrysts: plagioclase: 3-5mm hornblende: ~2-3mm
25			1						weakly fractured
30									hairline cracks roughly perpendicular to contact w/ granite
35									Burgundy mineralization at contact
40				Sonia					
45				urrutia IMP					
50			2	Target rock					
55				Granite					
60									
65				Sonia					
70									
75									
80									
85									
90									
95									
100									
105									
110									
115									
120									
125									
130									
135									
140									
145									
150									
155									
160									

color: 7.5 YR 4/0

CT: white

~~porphyritic~~
dolerite intruded in granite

phenocrysts: plagioclase: 3-5mm
hornblende: ~2-3mm

weakly fractured

hairline cracks roughly perpendicular to contact w/ granite

Burgundy mineralization at contact

color: 7.5 YR 7/4

CT: dark grey.

Coarse grain size granite

weakly deformed

Fault:

49cm: 340/25, 345/66 +2

69m 330/85 350/80 +3

Green mineralization throughout section.