

357
IODP-MSP (Exp. 325) VISUAL SECTION UNIT DESCRIPTION

Exp. 357	Site 68	Hole B	Core 2	Type R	Section 1
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Observers PM Shift

piece [cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Vens	Structure	Description	
0							Unit 6 = 0-45 cm	
5		#1		Px grain size ~ 1 cm			gabro: Cpx + Plag, both subhedral subrounded equant grain size variation in gabro	
10		#2		gabro Px size ~ 0.5 cm			fracture perpendicular olivine ~ 15-19 cm. inequigranular cpx mode: 70% plag. mode: < 10%	
15							veins: straight + almost irreg single massive uniform/composite 12 per 45cm	
20								
25								
30								
35								
40								
45			#7		Cpx size ~ 1 cm			Unit 7: 45-113 cm variably altered and veined serpentinized harzburgite olivine: can't determine opx: 3-6 mm, < 10%, subhedral
50								alteration is pale green with dark pyroxene pseudomorphs down to 78 cm
55								then patches of reddish oxidation in darker serpentine.
60								iron and pale green alteration again below 107 cm.
65								
70								
75								
80								

#1
#2
#3
#4

Unit 6
Unit 7

#1

#7

Px grain size ~ 1 cm

gabro
Px size ~ 0.5 cm

Cpx size ~ 2-3 mm

Cpx size ~ 1 cm

alteration pale green

serpentinized harzburgite
pyroxene ~ 10%

apparent dip 55°

apparent dip 0° (amphibole?)

apparent dip 50°

fracture at dip 55°

apparent dip 0° (amphibole?)

irregular

xp vein cutting darker vein apparent dip 50°

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piece [cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Vens	Structure	Description
85		7					pt ϕ 0.5cm 0.2-1cm grain sizes
#4							darken vein 0.6cm app dip: 30° 20p vein 0.3cm app dip: 15° irregular vens -
90							darken vein app dip: 20°
95							xp vein 0.3cm app dip: 25°
#5							darken vein 0.5cm app dip: 25° irregular vens - irregular vens - irregular vens -
100							amp 8 11
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
155							