

Shipboard sampled

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

Exp.	Site	Hole	Core	Type	Section
357	71	A	2	R	1

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Observers
PM Shift

[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description
0 - 45		1		exp. harzburgite	100% re-sampled HIGH TEXTURE MAYBE HALOS ABUNDANT OPX-BASTITE ↓ LATE METASOMATISM CHL - TC RICH		Unit 1: SERPENTINIZED HARZBURGITE RUBBLE angular pieces are 1cm-5cm in size basite ~20% modal 3-10 mm, most ~6mm 0.1-mesh texture 1mm 0-48cm
45 - 65		2		Gabbro v ₀ dense filled factors	Highly altered true def 270-45 v ₀ : 20-20 v ₁ : haebra dark green (chlorite) v ₁ : 50-20 v ₂ : sheared dark green (chlorite?) v ₂ : 270-65	Upper contact of gabbro piece is a fracture with oxidation	fractured, no contact visible Unit 2: META-GABBRO plag: 1-5mm, most ~3mm cpx: 3-10mm, most ~6mm poecilitic cpx up to >1cm and in veined zone at the bottom it is possible that there are late magmatic products diffuse contact with plag-rich interval dep 270-45.
65 - 80				TSB plag-clay-rich	plag → secondary plag (high) cpx → chl pale brown/bronze some cores chl veins	Alteration: chert 100% int: 80% 4 chl, 2nd plag, clays	NB This section is highly altered gabbro A.M.L.

plag

plag

MB10


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[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description
85							
90							
95							
100							
105							
110							
115							
120							
125							
130							
135							
140							
145							
150							
155							

Entered in DCS