

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

Exp. 357	Site 76	Hole B	Core 4	Type R	Section 2
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Observers AM shift	AAAM
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[cm]	Scanned Image	Unit	Sketch	Lithology	Veins and Alteration	Structure	Description
0					<p>halo</p> <p>① Vein</p> <p>② X-cut veins</p> <p>MODERATE SHEARED MESH-TEXTURED SERP</p> <p>OXIDATION AFFECT ONLY MESH (EXCLUDING BASTITE)</p> <p>late irregular fractures subvertical 135/90</p> <p>THE METASOMATIC EVENT (GREEN COLOR-TALC RICH) FROM THE RIM</p>	<p>large vein w/ schistosity 270/080</p> <p>w/ cross-cut veins sub-horiz</p> <p>undeformed Hz & zone of calcites</p> <p>along main vein cross-cut by pale-green veins</p> <p>open</p>	<p>Abundant oxide porphyroclasts in a serpentine mesh.</p> <p>- opx porphyroclasts to 0.6cm</p> <p>- 20-25% opx</p> <p><1% oxide, likely chromite? - found locally, <1um generally.</p> <p>* continuous lithological unit w/ 76B4K1?</p> <p>Serpentinized hornblende</p> <p>cross-cut by</p> <p>- subvertical vein w/ cross-cut veins. Shear/schistosity in main vein, N 1-2cm thick</p> <p>- cataclasis? along vein side of altered magmatic intrusion</p>
45					<p>Diademed Serpentinized Hornblende</p> <p>white veins</p> <p>Serp + Oxid</p> <p>WITH OXIDE LAYER? (BLACK)</p> <p>QB MELT INTRUSION</p> <p>penetrated to the texture locally surrounded the OPX-BASTITE</p> <p>A LATE EVENT OF VEINING PALE GREEN MASSIVE CROSS CUTS EVERYTHING</p>	<p>altered magmatic intrusion</p> <p>Serp H3</p> <p>Vein schistose</p> <p>X-cut #3</p> <p>Magmatic Vein #2</p> <p>Vein #1</p>	<p>5 sets of veins (int 1, 2 & 5 depending on type)</p> <p>IRREG</p> <p>SINGLE/NET/X CUT</p> <p>MASS</p> <p>UNI/COMP/BAND</p>

TS SHIPBOARD

TSB