

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

Exp. 357	Site 68	Hole B	Core 3	Type R	Section 1
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Observers AM shift
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[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Vens	Structure	Description
0 - 25		8		<p>Brecciated fragments:</p> <p>x clast of breccia with unsorted clasts valued (fine-grained) black rock gabbro?</p> <p>foliated altered lithology with dark rounded porphyroblast (H88)</p> <p>talc schist</p> <p>gabbro?</p> <p>altered porphyroblastic schist (after porphyroblastic serpentinite?)</p> <p>heavily oxidized fragment</p>	<p>1) white, green, orange, greyish purple</p> <p>TA: TAC 100%</p> <p>IA: TAC 25%</p> <p>AD: TAC pervasive</p> <p>amphibole, chlorite, oxides</p> <p>(px, plagiocl.)</p> <p>↳ clast of metagabbro (different proportions of minerals)</p> <p>2) breccia clast</p> <p>3) white to light green</p> <p>TA: TAC 100%</p> <p>IA: TAC 100%</p> <p>AD: pervasive talc</p>	<p>looks like flattened breccia</p>	<p>Sub-rounded to angular fragments of multiple lithologies (to km), minimal matrix material - occasional carbonate-demineralized matrix coating fragments.</p> <p>x - Mn crust on fragments</p> <p>- no forams visible</p> <p>- some clasts w/ Mn crusts</p>
25 - 45		9		<p>5) dark mafic porphyroblastic serpentinite with barites</p> <p>Carbonate-hosted Breccia</p>	<p>4) dark grey to green</p> <p>TA: TAC 100%</p> <p>IA: TAC 50%</p> <p>AD: perv. talc schist, chl, chl?</p> <p>↳ TAC schist</p> <p>5) dark green</p> <p>TA: S 100%</p> <p>IA: S 50%</p> <p>AD: pervasive serpentine, magnetite</p> <p>↳ serpentinite</p>		<p>Carbonate-hosted roughly consolidated breccia with angular to sub-rounded clasts (serpentinite and talc schist most common). Poorly sorted, clast size &lt;1mm to 4cm.</p> <p>- no forams visible</p> <p>- no Mn-crust</p>
45 - 80					<p>6) light to dark green, black</p> <p>TA: TAC 100%</p> <p>IA: TAC 100%</p> <p>AD: perv.</p> <p>talc, amph, chl, oxides</p>		