

Expedition 399

Visual core description legend

Lithology		Vein types	Structures	
 Basalt/diabase	 Olivine websterite	 Magmatic	 Magmatic contact, grain size layering	
 Diorite	 Orthopyroxenite/ websterite	 Amphibole	 Reverse sense of shear	
 Dunite	 Pyroxenite	 Carbonate	 Normal sense of shear	
 Gabbro/ microgabbro	 Tonalite	 Chlorite	 Magmatic fabric: SPO, modal layering, grain size layering	
 Gabbronorite/ norite	 Troctolite	 Prehnite	 Protomylonite, mylonite, ultra mylonite	
 Harzburgite	 Trondhjemite	 Quartz	 Slickenfibres	
 Olivine gabbro	 Wehrlite	 Sulfide	 CP foliation	
		 Talc	 Fault breccia, cataclasite, ultracataclasite	
			 Microfault, fault, piece-end fault	
			 Metamorphic and magmatic vein	
			 Metamorphic vein	
			 Magmatic	

Example VCD and key for all lithologies and features observed during Expedition 399.