

Shipboard Sampled

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

DIS entered

Exp. 357	Site 69	Hole A	Core 9	Type R	Section 1
----------	---------	--------	--------	--------	-----------

Observers AAAM Skiff

[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description
0-10		1		Rubble dominated by Dolomite.	black no alteration visible		v: white, irregular, branched, massive, uniform Carbonates ± sulphides?
10-25		2		Roughly to mostly consolidated clastic material (dominated by talc-schist)	Pale green, black TA: TAC 100% IA: TAC 100%, P talc, amphib. schist & oxides dark greenish TA: S 100% IA: S 90%, P serp., ox., mgst		If section 2 is drilled rock, the interval from 22-24 cm is fault gouge The solid rock beneath is capped by intense cataclastic mylonite? ← a) altered serpentized hornblende fragment b) talc schist fragment, thoroughly fractured c) Matrix potentially consolidated, with cream-orange carbonate?
25-80		3		Serpentinized Hornblende	dark red to dark brown TA: S 80%, ox 20% IA: S 100%, P ox 20%, P serp., ox., mgst Sulphide? carb. veins crosscutting the whole thing	weak porphyroblastic flow and orientational, both horizontal	Serpentinized Hornblende • rare Pyx (opx) relict grains to 0.5mm, occasionally found with altered edges. • pyroxene relicts 3-5% • red oxidised serpentinite matrix, with veined serpentinite mesh • Relatively consistent throughout next core sections (average relict px approximately 3-4mm)