

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

Exp. 357	Site 76	Hole B	Core 2	Type R	Section 1
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Observers AM SHIRT	AAAS
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[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description		
0		1	①	lith?	① white, grey, bronze ↳ possibly slightly altered.	1- molybdenite, no measurements undeposited.	(oxide gabbro)		
5			4	Talc. Ironoxide cataclastic?	② light grey to dark grey with orange patches at contact with the TAC-schist AT: serp: 80% oxid/carboacid 20% IA: S: 100%, P: 0: 25%, t	8-17cm breccia w/ clots of hornblende schist and talciferous and brecciated and brecciated by contact deformation	Rubble to orientable fabric	Gabbro ① Large oxides to ~ 2x2, 3x1mm • coarse-grained, large amphibole, plagioclase, pyroxene - similar to TS 68B 1R1	
10			③	Overall: Fragments of oxidized serpentinized hornblende and Gabbro in Talc-Amphibole Schist.	④ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P	17-30cm no fabric, nodular structure in talc alteration	- 16-17cm is calcite zone to rank fabrics ~ 20/270 fabric curve suggests reverse normal (old?)	② Highly oxidized serpentine with relict pyroxene to 1cm by 0.5cm (20%). • Contains oxides - magnetite or chromite? (K1)	
15			4	Talc-amphibole sheared interval	⑤ dark grey, with local alteration to light green along the edge?	③ Pyroxene-bearing coarse-grained lithology (Gabbro?)	Fracture, intact.	③ Pyroxene-bearing, coarse grained dark gabbroic lithology? - pyroxenes to approximately 5mm	
20			③	② Oxidized porphyroclastic serpentinite after hornblende	⑥ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P	④ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P	④ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P	④ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P	④ light green, to dark green, black spots AT: TAC → 100% IA: TAC → 100%, P
25			4	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
30			4	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
35			4	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
40			4	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
45			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
50			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
55			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
60			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
65			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
70			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
75			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?
80			③	③	⑦ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?	⑤ dark grey, with local alteration to light green along the edge?

↑ DEFINE UNITS IN COLUMN