

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

Exp. 357	Site 68	Hole B	Core 7	Type R	Section 1
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Observers AM shift.
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[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration Viens and Structure	Description						
0		1		Mixed Rubble (Dominated by fault cataclaste and talc schist)  See notes for 1,2,3 →  (Talc-schist dominated rubble)	1 - dark green, light green lenses • amph matrix? • fine-grained • AT:TAC ~ 100% IA:TAC ~ 30% • talc, amphi, chl, oxides  2 - dark green, red rim on one side, blackish patches TA:TAC ~ 100% IA:TAC ~ 100%, P • talc, amphi, oxides	Piece 1 - foliated & entactitic texture, rough & looks flattened, + very cohesive, with red rim → surface weathering polished fault surface on sides.  Piece 2 - talc schist on foliation  Piece 3 - foliated metabasalt(?) talc alteration matrix  Piece 4 - swirling folded foliation in schistite overprinted by strong schistosity rough & asymmetric shear foliation & folding  1) White and green porphyroclasts (talc, px?) in cataclaste, potentially after gabbro. Porphyroclasts to 0.1 x 0.1 cm. 2) Pyroxenes to 0.5 x 0.2 cm - after hornblende (coarse) or gabbro? Oxidised fragment rim. Spinel < 1mm 3) Likely metabasalt plag? prismatic orthoaxen white stal.						
5												
10												
15												
20												
25												
30								2		dolerite	• weathering surface of hydroxides/oxides  • 4a • contains on the right half of the piece dark spots (phenocrysts?)  • Dolerite with rare plg phenocrysts	drilled piece of dyke rocks with <del>texture</del> color change - seems to be alteration bands - weak alignment of fsp & microphenocrysts contains across width  d. 11.5 80/270 (upper line)  • Plagioclase stals + 0.4 x 0.1 cm at least 15% (visible, matrix fine grained and difficult to estimate) • px stals to 0.3 x 0.1 cm (Max). - large px < 5% - matrix not included. • Core intact - fractured to rubble at bottom.
35												
40												
45												
50												
55												
60												
65												
70												
75												
80												