

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

Exp. 357	Site 70	Hole B	Core 1	Type R	Section 1
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Observers AAAS

[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description	
0								
5			①	carbonate cement. Sedimentary Basaltic Breccia	B510 5% dk grey ① = patchy orange alteration to 15%	holing to decline	Entered into DIS altered ^① vesicular basalt • 10-15% vesicles, mostly infilled by green secondary minerals (approx 50%) ? → • olivine-bearing in places? - new oxidized spots to 0.2mm - up to ~4% of phenocrysts • microcrystalline matrix (70%, <1mm) • vesicles to 3mm, subrounded to subangular	
10			②	carbonate cement basalt aphyric with glass rim preserved	NO veins		vesicle-poor basalt • Approx 1% vesicles, sub-rounded to rounded 0.1-0.8mm, average ~0.3mm • Microcrystalline matrix. glass rim partially preserved	
15								③ Metagabbro? or mix of re-penetrated per, base and gabbro
20								
25								
30					MB10 checked (Likely mostly poorly vesicular basalt.)			
35								
40								
45								
50								
55								
60								
65								
70								
75								
80								