

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

Exp. 357	Site 70	Hole A	Core 3	Type R	Section 1
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Observers AAG

[cm]	Scanned Image	Unit	Sketch	Lithology	Alteration and Veins	Structure	Description		
0				Basalt Breccia (carbonate-hosted)	clasts slight alteration possible matrix redish oxidation		<p style="color: red; font-size: 1.2em; font-weight: bold;">lowered in DIS</p> <p>Unit is rudimentary basalt breccia in carbonate matrix</p> <ul style="list-style-type: none"> Carbonates are redish in general (possibly highly oxidized), whereas some are whitish in spot. (0-8cm) Basalt fragments up to 5cm. poorly vesicular (<1%) to sparsely vesicular. aphytic vesicles are rounded to subrounded (a) glassy part exists. <p>orange sediment contains glassy fragments</p> <p>white infill is right way up but no lamination to define horizontal</p> <p>Late clear carbonate → deposition sites up/down sense</p> <div style="text-align: right;"> </div>		
5									
10									
15									
20							BGD dk grey (<5%) No water	imbricate 15/090 Later white carbonate Suggests roughly unrotated core No disturbance or deflection	
25						MBSD checked Oxidized carbonate Breccia as above			
30							Rubbles Slight alteration possible		
35						Basalt Rubble	BGD dk grey 5% Halos grey around edge of pieces 30% 4-15% alt		<ul style="list-style-type: none"> Basalt pieces change up to 7cm in size. poorly vesicular to sparsely vesicular aphytic vesicles are rounded to subrounded <p>* oriented piece. The core is sparsely vesicular, but rim is poorly vesicular.</p>
40									
45									
50									
55									
60									
65									
70									
75									
80									