

# IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp. 364	Site 77	Hole A	Core 84	Type R	Section 3
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Date 29 Sept	Time 17:55	Observers KG, UR, DK
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Disturbance	Core	CT	Description	
0									poorly sorted matrix supported suevite	
10			14-15 cm, King } black clast							
15			Long 15-16 cm, } clast							
20				SED						COLOR: 9/10R 3/1
30				PB						many < 1 cm greenish <del>angular</del> angular clasts
40				Suevite						largest: > 5 cm (black clast) matrix supported.
50										Green + black melt fragments. Target lithologies include limestone, gneiss, granite + amphibolite. Alteration includes a vug partially filled w/ calcite.
60										
70			79							
80										greenish matrix-supported suevite.
90			SED						> 17 cm clast <del>is</del> observed.	
100		2	PB						matrix-rich and mm-size clasts are not observed so much.	
110									GLEP <sup>2</sup> 6/5BG	
120									Green + black melt fragments, Target lithologies include a granodiorite (at least 16 cm in diameter), carbonate, including a globular one w/ resorbed margins, red siltstone, + shale. Vugs (2-12 cm) in green melt, stylolites (78-82 cm) in carbonate matrix.	
130										
140										
150										
160										

Whalen light clast

Souja 92-94.5

Tomio 107-108 cm

Long 108-109 cm

111-113 Souja

light gley matrix  
black/white grains

light gley matrix  
white clast