











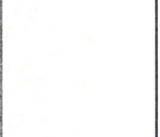




IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

Exp. 364	Site 77	Hole A	Core 81	Type R	Section 1
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Date 29/09/16	Time 12:13	Observers MW, LF, MP
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Core Disturbance	CT	Description
0								poly mixt breccia, med. sand - coarse pebble, max clast 2.3 cm, poorly sorted clasts well rounded - angular. matrix - 2.54 5/1, carbonate rich vuggy - calcite + reddish alteration 30-40% clasts - matrix supported
10								
20								
30								Large variety of clasts as in previous units.
40								4-10 - Elongated granitic clast (same as basement) 28-36 - Large carbonate clast (with fossils) ⊕ Biotite, gneiss, granite, etc.
50		1	suevite					42-45 - Large calcite clast with red rim and veinlets. 54-58 - Large (6cm) carbonate clast (with fossils) in part melted.
60								
70								Large impact melt rock clast (> 22 cm) (sharp - irregular contact with matrix) clast-poor. Undigested clasts and tiny vesicles (< 1mm) - flow texture dark grey to green in color
80								
90								-86-90 - Large irregular carbonate (with fossils) melt.
100								
110								CT LG to DG in general W - carbonate clasts LG - Impact melt
120								
130								
140								
150								
160								

Tomio
LF
CL CO₂ clast
O₂ Long
DK
LF
MW
CO₂ clasts
J.S.
CO₂ clast

Ting red flakes widely distributed

27 -
35 -
50
82 -
83 -
110 -

Smit 81-1-103/109