


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

| | | | | | |
|-------------|------------|-----------|------------|-----------|--------------|
| Exp. 364 | Site 77 | Hole A | Core 77 | Type R | Section 1 |
|-------------|------------|-----------|------------|-----------|--------------|

| | | |
|------------------|--------------|-------------------------|
| Date 29/09/16 | Time 9:42 | Observers LF, MW, MP |
|------------------|--------------|-------------------------|

| [cm] | Image | Unit # | Lithology | Veins and Alteration | Structures | Disturbance | Core | Description |
|------|---|--------|-----------|----------------------|------------|-------------|------------------------------|---|
| 0 |  | | | | | | | polymict breccia - med sand - fine pebb. avg - fine pebble matrix 2.5Y 5/1 - carbonate rich. |
| 10 | | 1 | suevite | | No | No | 9G to LG | v30-40% clasts, matrix supported clasts well rounded to angular avg - sub rounded poorly sorted. matrix w/ vugs +/- calcite + red alteration |
| 30 | | | | | | | W = fine flow LG = some melt | clasts as in previous units, from rounded to subangular, same variety with light to dark melt clasts, with flow texture and non-digested clasts, red-net and mag. lithologies |
| 50 | | | | | | | | Rounded to subrounded limestone with fossils. |
| 60 | | | | | | | | Large dark melt (45mm) and light melt (35mm). |
| 70 | | | | | | | | Randomly distributed red alteration as in previous cores |
| 80 | | | | | | | | CT, see column |

MW
CO₃ clast

LF

Long

Smit

9/10 DA

9G to LG

W = fine flow

LG = some melt