

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

|             |            |           |             |           |              |
|-------------|------------|-----------|-------------|-----------|--------------|
| Exp.<br>364 | Site<br>77 | Hole<br>A | Core<br>293 | Type<br>R | Section<br>1 |
|-------------|------------|-----------|-------------|-----------|--------------|

|                       |               |                       |
|-----------------------|---------------|-----------------------|
| Date<br>Oct. 11, 2016 | Time<br>14:02 | Observers<br>URLYPCDK |
|-----------------------|---------------|-----------------------|

| [cm] | Image | Unit # | Lithology        | Veins and Alteration | Structures | Core Disturbance | CT | Description   |
|------|-------|--------|------------------|----------------------|------------|------------------|----|---|
| 0    |       | 1      | Impactite        | Qtz vein             |            |                  |    | clast-rich impact melt rock with patches of suevite and individual fragments:<br>strong flow banding<br>fragments consist of:<br>gneiss, mylonite, granite<br>Vug between 74-79:<br>it's called "David"<br>Collected N4<br>CT: no image |
| 10   |       |        | Impact melt rock |                      |            |                  |    |   |
| 15   |       |        | Osinski          | 8-10                 |            |                  |    |   |
| 20   |       |        | Kring            | 2-4 (Qtz)            |            |                  |    |   |
| 25   |       |        | 4-6 (Qtz)        |                      |            |                  |    |   |
| 30   |       |        | 10-12            |                      |            |                  |    |   |
| 35   |       |        |                  |                      | sulfide    |                  |    |   |
| 40   |       |        |                  |                      |            |                  |    |   |
| 45   |       |        |                  |                      |            |                  |    |   |
| 50   |       |        |                  |                      |            |                  |    |   |
| 60   |       |        |                  |                      |            |                  |    |   |
| 70   |       |        |                  |                      |            |                  |    |   |
| 80   |       |        |                  |                      |            |                  |    |   |
| 85   |       |        |                  |                      |            |                  |    |   |
| 90   |       |        |                  |                      |            |                  |    |   |
| 100  |       | 2      | Suevite          |                      |            |                  |    | Same clast content as Unit 1<br>polymict breccia<br>Collected N4<br>CT: no image  |
| 105  |       |        | Osinski          |                      |            |                  |    |   |
| 110  |       |        | 94-96 cm         |                      |            |                  |    |   |
| 115  |       |        | 100-102          |                      |            |                  |    |   |
| 120  |       |        |                  |                      |            |                  |    |   |
| 130  |       |        |                  |                      |            |                  |    |   |
| 140  |       |        |                  |                      |            |                  |    |   |
| 150  |       |        |                  |                      |            |                  |    |   |
| 160  |       |        |                  |                      |            |                  |    |   |

Clays  
44-46  
49-52

sulfide  
↳

open fracture  
purple