

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

|             |            |           |             |           |              |
|-------------|------------|-----------|-------------|-----------|--------------|
| Exp.<br>364 | Site<br>77 | Hole<br>A | Core<br>297 | Type<br>R | Section<br>2 |
|-------------|------------|-----------|-------------|-----------|--------------|

|                    |               |                            |
|--------------------|---------------|----------------------------|
| Date<br>12.10.2016 | Time<br>11:00 | Observers<br>MP, AR, LF, M |
|--------------------|---------------|----------------------------|

| [cm] | Image | Unit # | Lithology | Veins and Alteration | Structures | Disturbance | Core | CT | Description                                                                                                                                                 |                                                                                                              |
|------|-------|--------|-----------|----------------------|------------|-------------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 0    |       |        |           |                      |            |             |      |    | Suevite with grey to greenish matrix, with in the upper and lower parts of section, <sup>clasts</sup> more matrix and clasts of smaller size. (below 100cm) |                                                                                                              |
| 10   |       |        |           |                      |            |             |      |    | Clasts, sub-irregular (rare rounded) to angular, up to 10cm in size; large variety of lithologies (but no granite!);                                        |                                                                                                              |
| 20   |       |        |           |                      |            |             |      |    | Gneiss, basement rocks, mafic rocks, dolerite, black impact melt, gray melt, etc.                                                                           |                                                                                                              |
| 30   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 40   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 50   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 60   |       |        | ①         | Suevite              |            |             |      |    |                                                                                                                                                             | 84-100cm - Shear fault, through matrix and clasts, sinistral displacement, anastomosing in clasts 8-mm thick |
| 70   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 80   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 90   |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 100  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 110  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 120  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 130  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 140  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 150  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |
| 160  |       |        |           |                      |            |             |      |    |                                                                                                                                                             |                                                                                                              |

Long

LF

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