

| Hole 376-U1527A Core 7R, Interval 58.2-63.0 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |            |                      |                         |             |             |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------|----------------------|-------------------------|-------------|-------------|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size | Matrix abundance (%) | Magnetic susceptibility | Reflectance | Description |
|   |                  |              |                    |             |                   |            |                   |                 | 0 5 10 15             |              |                     |         |         | AVG, MAX   |                      | WRMSL (IU)              |             |             |
| 59.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |            |                      |                         |             |             |
| 60.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |            |                      |                         |             |             |
| 61.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |            |                      |                         |             |             |
| 62.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |            |                      |                         |             |             |

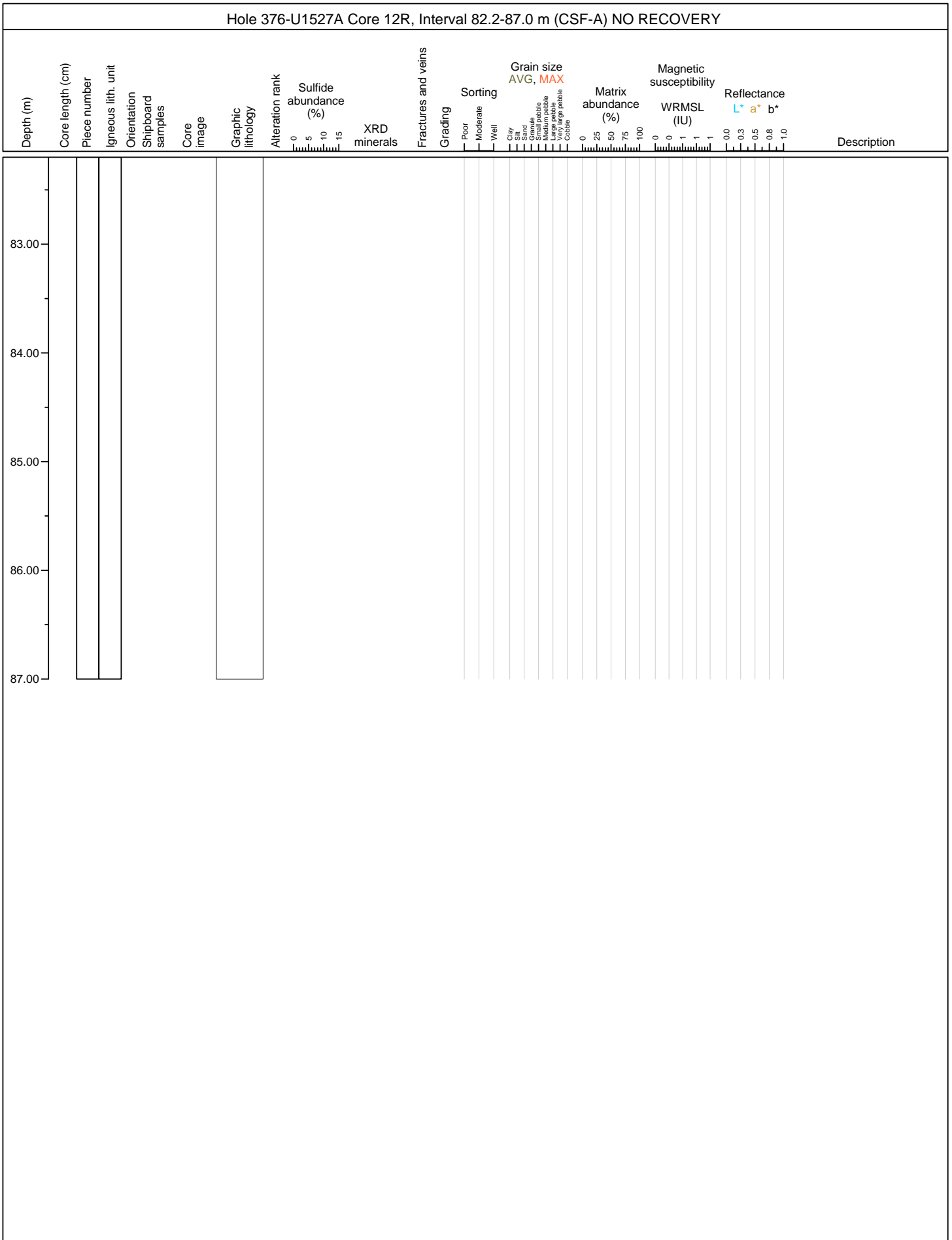
| Hole 376-U1527A Core 8R, Interval 63.0-67.8 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------------------|----------------------|---------------------------------------|-------------------------|-------------|------|----------|------|------|------|--------|---------------|--------------|-------------------|--------|---|----|----|----|-----|---|---|---|---|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size<br>AVG, MAX | Matrix abundance (%) | Magnetic susceptibility<br>WRMSL (IU) | Reflectance<br>L* a* b* | Description |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |
|   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             | Poor | Moderate | Well | Clay | Sand | Gravel | Medium pebble | Large pebble | Very large pebble | Cobble | 0 | 25 | 50 | 75 | 100 | 0 | 1 | 1 | 1 |
| 63.80   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |
| 64.80   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |
| 65.80   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |
| 66.80   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |

| Hole 376-U1527A-9R Section CC, Top of Section: 67.8 m (CSF-A) |                  |              |                    |             |                   |            |                   |                 |                       |                           |                     |         |         |                     |                   |                                    |                      |   |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|---------------------------|---------------------|---------|---------|---------------------|-------------------|------------------------------------|----------------------|---|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins | Grading | Sorting | Grain size AVG, MAX | Matrix volume (%) | Magnetic susceptibility SHMSL (SI) | Reflectance L* a* b* | Description   |
| 67.80   | 1                |              |                    |             |                   |            |                   |                 |                       |                           |                     |         |         |                     |                   |                                    |                      | 376-U1527A-9R-CC-A, 0-1 cm<br>UNIT: 1<br>SUBUNIT: -<br>LITHOLOGY: lapilli tephra<br>COLOR: dark grayish brown<br>TEXTURE: polymict, fine<br>CLASTS: pumice, subangular, scoria, subangular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: Unaltered<br>VEINS: None.<br>STRUCTURE: None. |

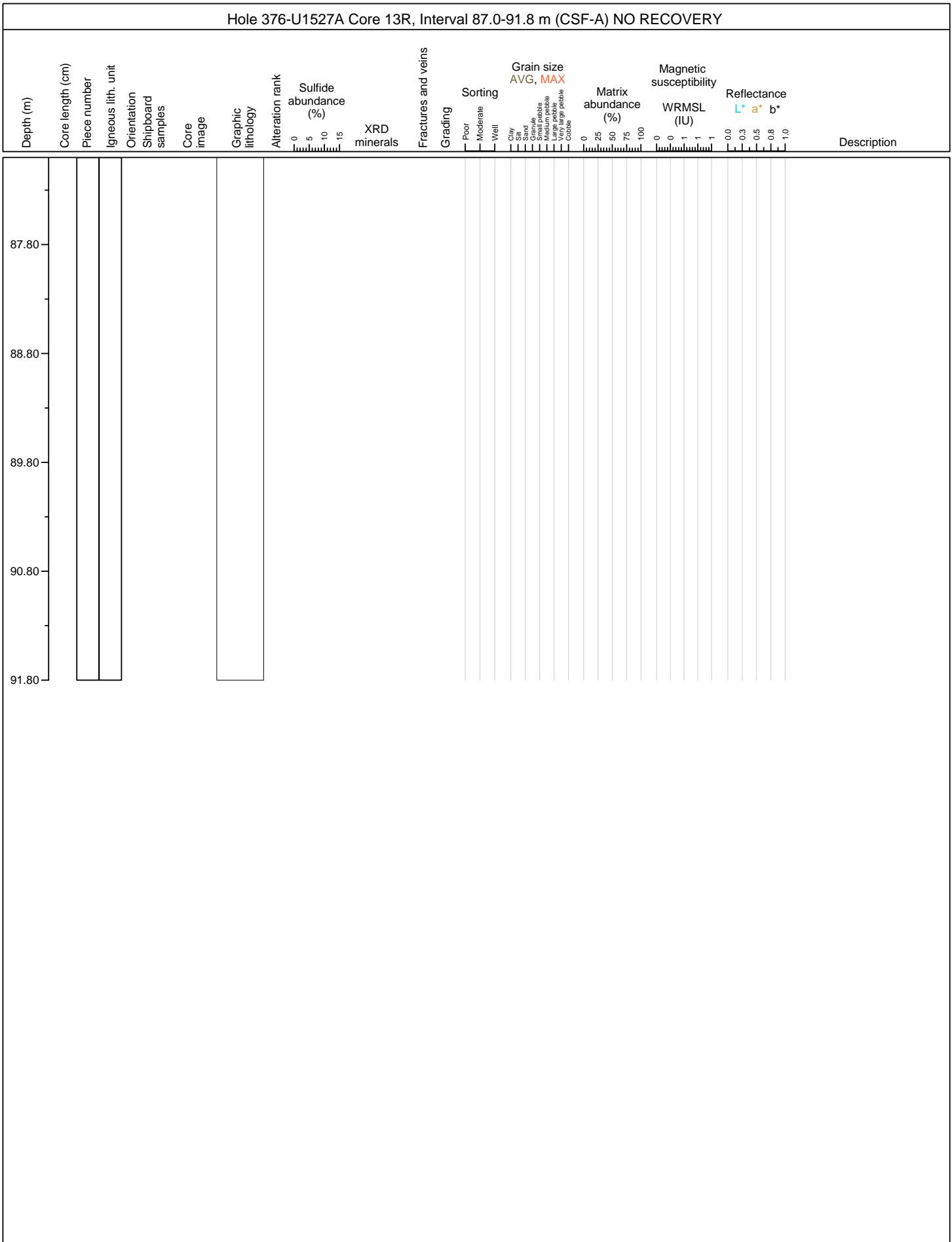
| Hole 376-U1527A-9R Section CC, Top of Section: 67.8 m (CSF-A) |                  |              |                    |             |                   |            |                   |                 |                       |                           |                     |  |                            |                                |                                       |                         |   |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|---------------------------|---------------------|--|----------------------------|--------------------------------|---------------------------------------|-------------------------|---|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins | Phenocrysts<br>PLAG, CPX<br>volume (%) | Groundmass grain size (mm) | Vesicle size<br>MAX, MODE (mm) | Magnetic susceptibility<br>SHMSL (SI) | Reflectance<br>L* a* b* | Description   |
| 67.80   | 1                |              |                    |             |                   |            | SEM               |                 |                       |                           |                     |  |                            |                                |                                       |                         | 376-U1527A-9R-CC-A, 0-1 cm<br>UNIT: 1<br>SUBUNIT: -<br>LITHOLOGY: lapilli tephra<br>COLOR: dark grayish brown<br>TEXTURE: polydict, fine<br>CLASTS: pumice, subangular, scoria, subangular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: Unaltered<br>VEINS: None.<br>STRUCTURE: None. |

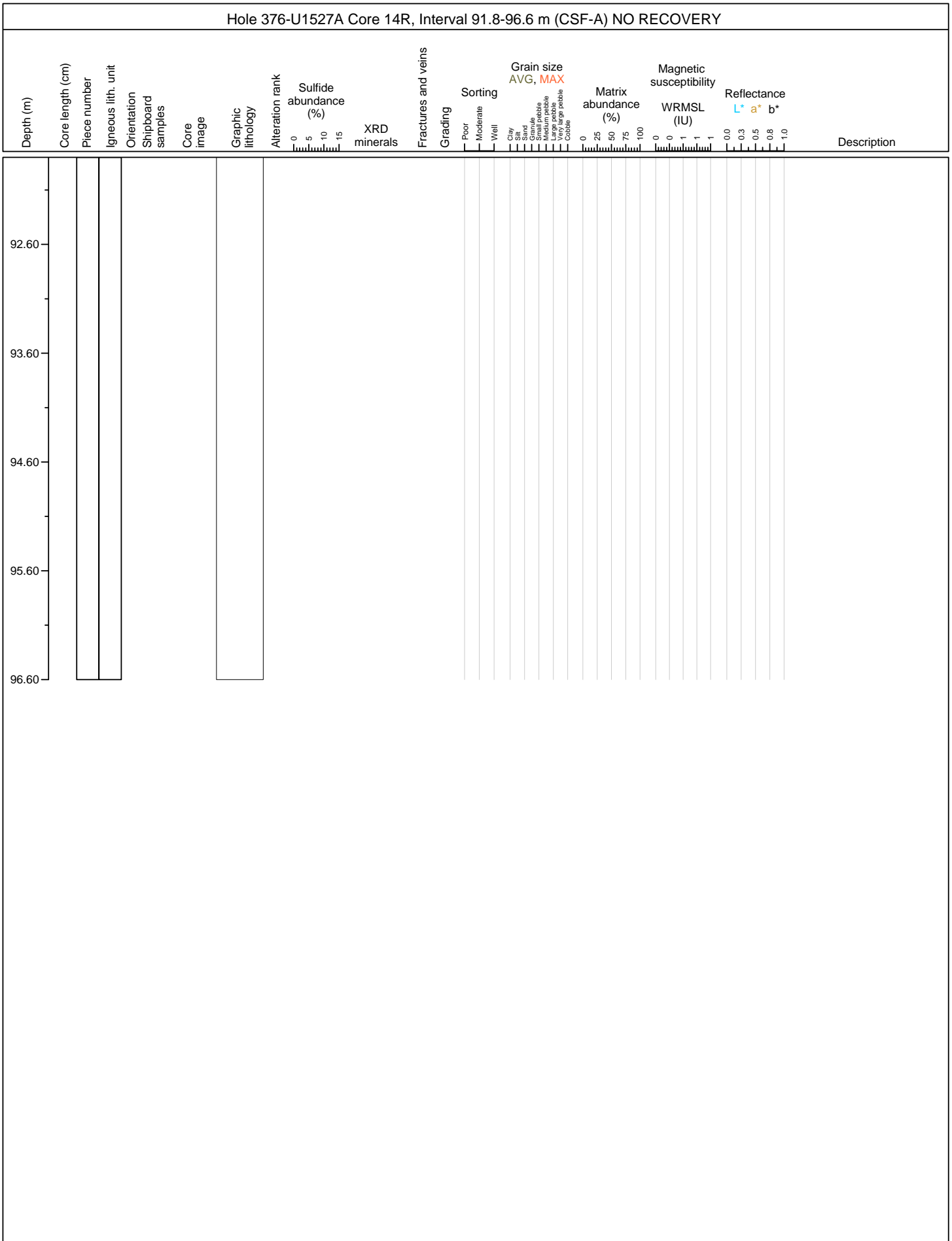
| Hole 376-U1527A Core 10R, Interval 72.6-77.4 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
|--|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------------------|----------------------|---------------------------------------|-------------------------|-------------|------|----------|------|------|------|--------|---------------|--------------|-------------------|--------|---|----|----|----|-----|---|---|---|
| Depth (m)  | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size<br>AVG, MAX | Matrix abundance (%) | Magnetic susceptibility<br>WRMSL (IU) | Reflectance<br>L* a* b* | Description |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
|  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             | Poor | Moderate | Well | Clay | Sand | Gravel | Medium pebble | Large pebble | Very large pebble | Cobble | 0 | 25 | 50 | 75 | 100 | 0 | 1 | 1 |
| 73.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 74.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 75.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 76.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 77.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |

| Hole 376-U1527A Core 11R, Interval 77.4-82.2 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
|--|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------------------|----------------------|---------------------------------------|-------------------------|-------------|------|----------|------|------|------|--------|---------------|--------------|-------------------|--------|---|----|----|----|-----|---|---|---|
| Depth (m)  | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size<br>AVG, MAX | Matrix abundance (%) | Magnetic susceptibility<br>WRMSL (IU) | Reflectance<br>L* a* b* | Description |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
|  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             | Poor | Moderate | Well | Clay | Sand | Gravel | Medium pebble | Large pebble | Very large pebble | Cobble | 0 | 25 | 50 | 75 | 100 | 0 | 1 | 1 |
| 78.20  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 79.20  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 80.20  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 81.20  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |
| 82.20  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |

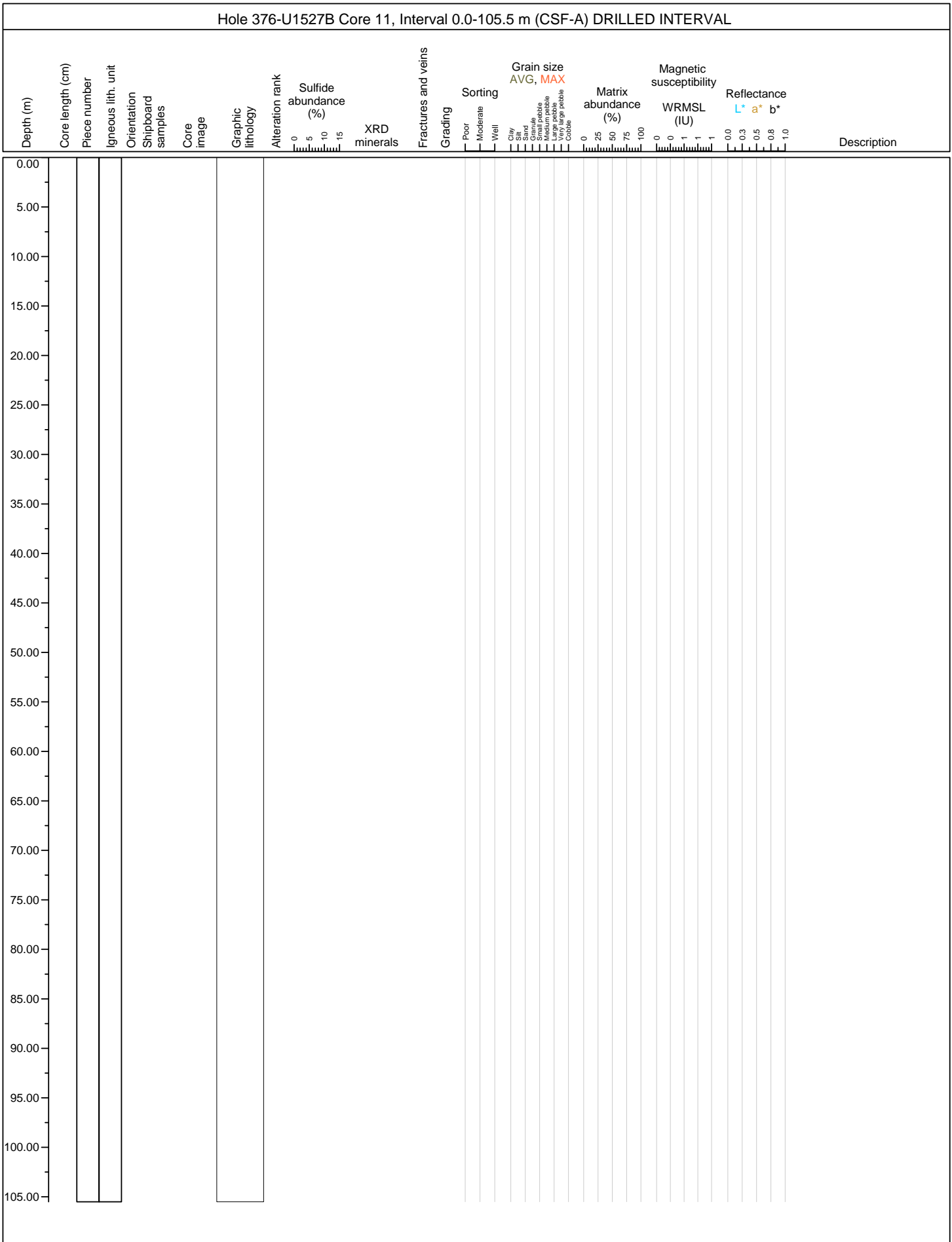








| Hole 376-U1527A Core 15R, Interval 96.6-101.4 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------------------|----------------------|---------------------------------------|-------------------------|-------------|------|----------|------|------|------|--------|---------------|--------------|-------------------|--------|---|----|----|----|-----|---|---|---|---|-----|-----|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size<br>AVG, MAX | Matrix abundance (%) | Magnetic susceptibility<br>WRMSL (IU) | Reflectance<br>L* a* b* | Description |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
|   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             | Poor | Moderate | Well | Clay | Sand | Gravel | Medium pebble | Large pebble | Very large pebble | Cobble | 0 | 25 | 50 | 75 | 100 | 0 | 1 | 1 | 1 | 0.0 | 0.3 |
| 97.40   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
| 98.40   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
| 99.40   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
| 100.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |
| 101.40  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |      |          |      |      |      |        |               |              |                   |        |   |    |    |    |     |   |   |   |   |     |     |



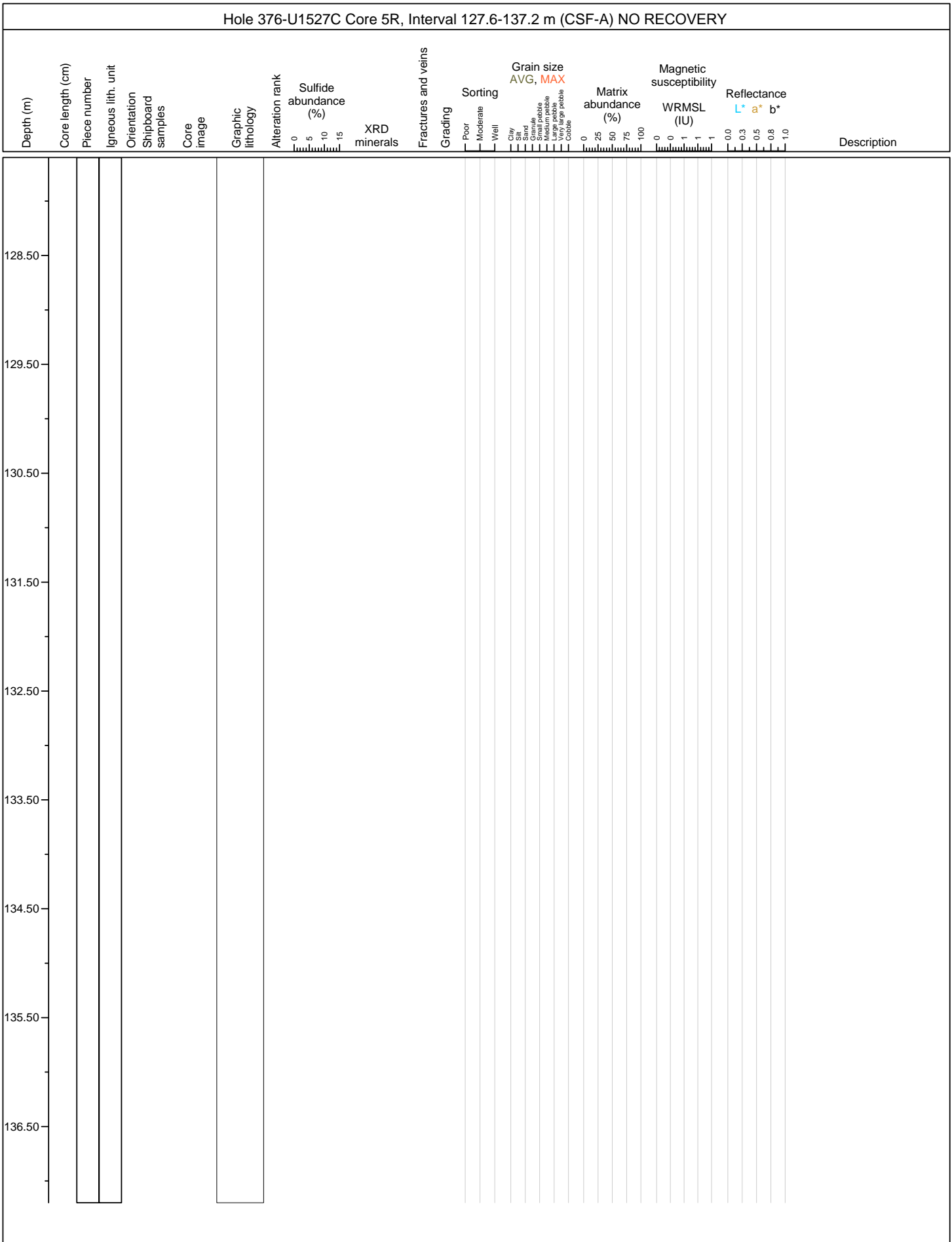
| Hole 376-U1527C Core 11, Interval 0.0-99.9 m (CSF-A) DRILLED INTERVAL |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|--------------------------|---|----------------|-------------|---------------------|----------|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Grain size               | Magnetic susceptibility   | Reflectance    | Description |                     |          |
|   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         | AVG, MAX                 |   |                |             | WRMSL (IU)          | L* a* b* |
| 0.00  |                  |              |                    |             |                   |            |                   | 0 5 10 15       |                       |              |                     |         | Poor<br>Moderate<br>Well | Clay<br>Sand<br>Gravel<br>Medium pebble<br>Large pebble<br>Cobble | 0 25 50 75 100 | 0 1 1 1     | 0.0 0.3 0.5 0.8 1.0 |          |
| 5.00  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 10.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 15.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 20.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 25.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 30.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 35.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 40.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 45.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 50.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 55.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 60.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 65.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 70.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 75.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 80.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 85.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 90.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |
| 95.00   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |                          |   |                |             |                     |          |

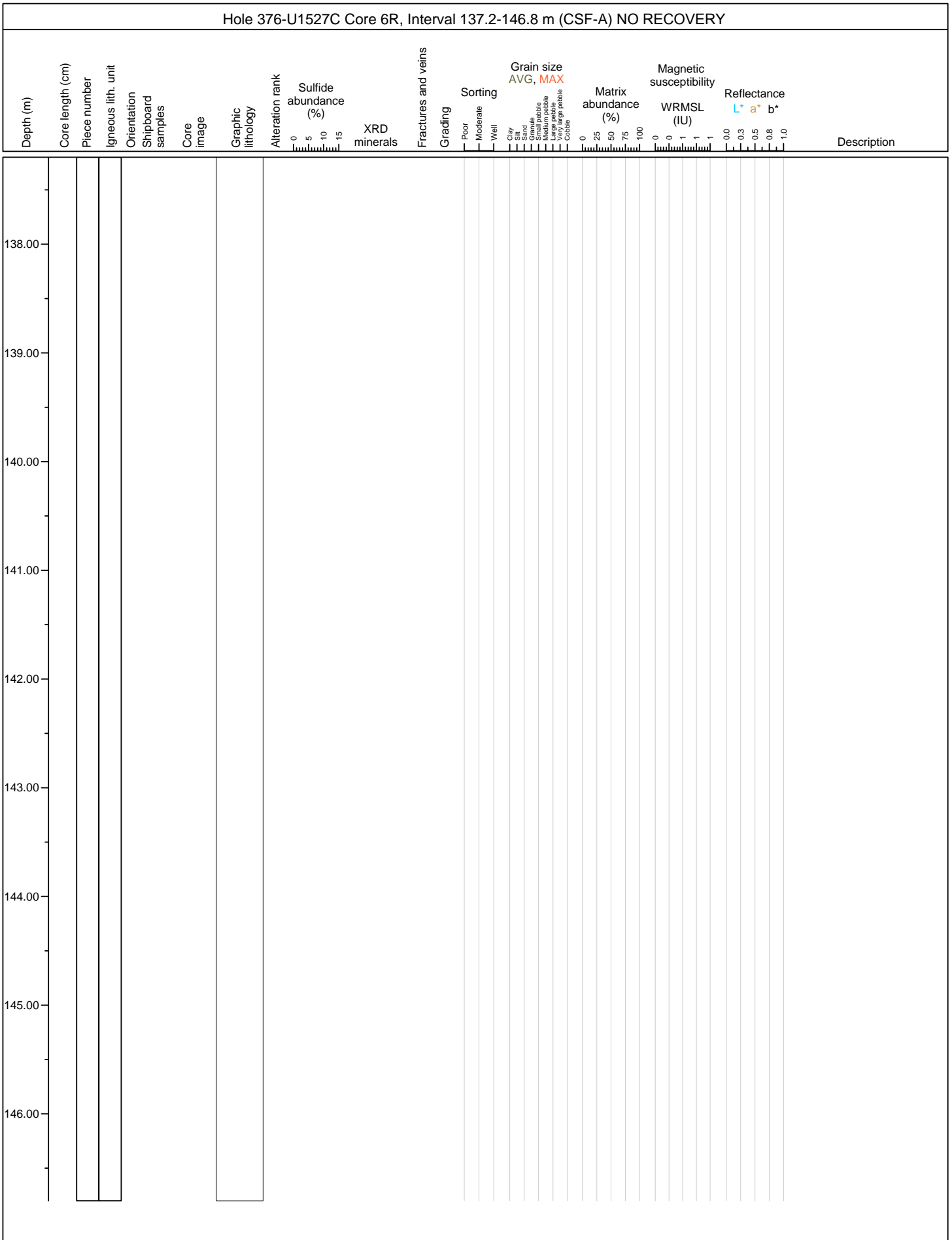
| Hole 376-U1527C Core 2R, Interval 99.9-108.4 m (CSF-A) NO RECOVERY |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
|--|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|--------------|---------------------|---------|---------|------------------------|----------------------|---------------------------------------|-------------------------|-------------|
| Depth (m)  | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | XRD minerals | Fractures and veins | Grading | Sorting | Grain size<br>AVG, MAX | Matrix abundance (%) | Magnetic susceptibility<br>WRMSL (IU) | Reflectance<br>L* a* b* | Description |
|  |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 100.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 101.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 102.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 103.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 104.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 105.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 106.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |
| 107.60   |                  |              |                    |             |                   |            |                   |                 |                       |              |                     |         |         |                        |                      |                                       |                         |             |

| Hole 376-U1527C-3R Section 1, Top of Section: 108.4 m (CSF-A) |                  |              |                    |             |                   |            |                   |                 |                       |                           |                     |                                     |                            |                                |                                       |                         |   |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|---------------------------|---------------------|-------------------------------------|----------------------------|--------------------------------|---------------------------------------|-------------------------|---|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins | Phenocrysts volume (%)<br>PLAG, CFX | Groundmass grain size (mm) | Vesicle size (mm)<br>MAX, MODE | Magnetic susceptibility<br>SHMSL (SI) | Reflectance<br>L* a* b* | Description   |
| 108.40  | 01               | 1            |                    |             |                   |            |                   |                 |                       |                           |                     |                                     |                            |                                |                                       |                         | 376-U1527C-3R-1A, 0-5 cm<br>UNIT: 1<br>LITHOLOGY: plagioclase phyric dacite lava<br>COLOR: black<br>TEXTURE: phyric, glomeroporphyritic<br>PHENOCRYSTS: 5 % plagioclase<br>GROUNDMASS: vitric, microcrystalline<br>VESICLES: highly vesicular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: Unaltered<br>VEINS: None.<br>STRUCTURE: Moderate volcanic fabric defined by aligned vesicles defining a foliation and lineation. |

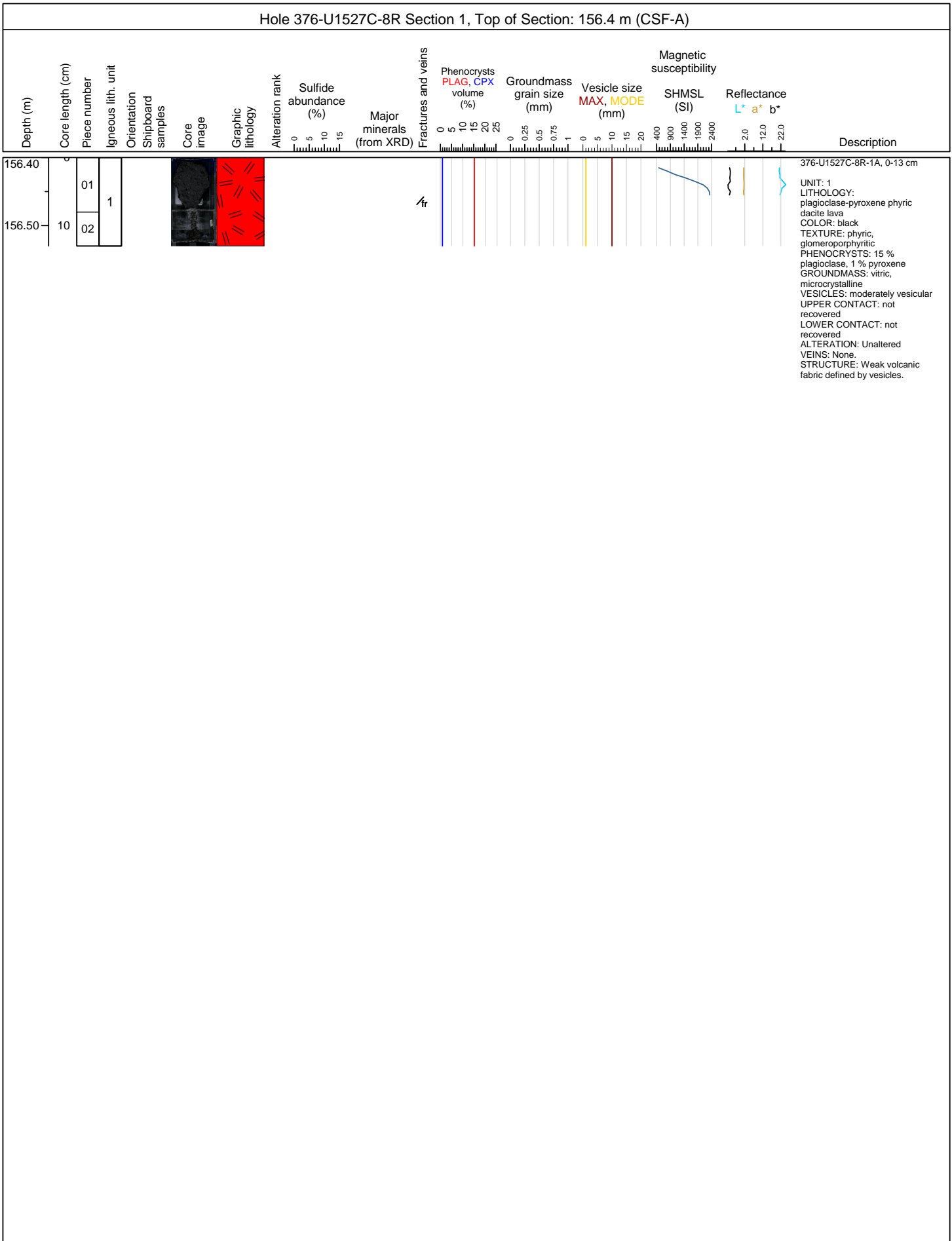
| Hole 376-U1527C-4R Section 1, Top of Section: 118.0 m (CSF-A) |                  |              |                    |             |                   |            |                   |                 |                       |                           |                     |  |                            |                                |                                       |                         |  |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|---------------------------|---------------------|--|----------------------------|--------------------------------|---------------------------------------|-------------------------|--|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins | Phenocrysts<br>PLAG, CPX<br>volume (%) | Groundmass grain size (mm) | Vesicle size<br>MAX, MODE (mm) | Magnetic susceptibility<br>SHMSL (SI) | Reflectance<br>L* a* b* | Description  |
| 118.00  | 1                |              |                    |             |                   |            |                   |                 |                       |                           |                     |  |                            |                                |                                       |                         | 376-U1527C-4R-1A, 0-1 cm<br>UNIT: 1<br>LITHOLOGY: plagioclase phyric dacite lava<br>COLOR: black<br>TEXTURE: phyric<br>PHENOCRYSTS: 3 % plagioclase<br>GROUNDMASS: vitric, microcrystalline<br>VESICLES: highly vesicular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: slight zeolite and FeO(OH) alteration<br>VEINS: None.<br>STRUCTURE: Weak volcanic fabric defined by vesicles. |















| Hole 376-U1527C-7R Section 1, Top of Section: 146.8 m (CSF-A) |                  |              |                    |             |                   |            |                   |                 |                       |                           |                     |  |                            |                                |                                       |                         |  |
|---|------------------|--------------|--------------------|-------------|-------------------|------------|-------------------|-----------------|-----------------------|---------------------------|---------------------|--|----------------------------|--------------------------------|---------------------------------------|-------------------------|--|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image | Graphic lithology | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins | Phenocrysts<br>PLAG, CPX<br>volume (%) | Groundmass grain size (mm) | Vesicle size<br>MAX, MODE (mm) | Magnetic susceptibility<br>SHMSL (SI) | Reflectance<br>L* a* b* | Description  |
| 146.80  | 0                | 01<br>02     | 1                  |             |                   |            |                   |                 |                       |                           |                     |  |                            |                                |                                       |                         | 376-U1527C-7R-1A, 0-9 cm<br>UNIT: 1<br>LITHOLOGY: plagioclase-pyroxene phyric dacite lava<br>COLOR: black<br>TEXTURE: phyric, glomeroporphyritic<br>PHENOCRYSTS: 18 % plagioclase, 2 % pyroxene<br>GROUNDMASS: vitric, microcrystalline<br>VESICLES: highly vesicular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: Slightly altered (prehnite infilling)<br>VEINS: None.<br>STRUCTURE: Strong volcanic fabric defined by vesicles. |



| Hole 376-U1527C-9R Section 1, Top of Section: 166.0 m (CSF-A) |                  |              |                    |             |                   |   |   |                 |                       |                           |   |   |   |   |   |   |  |
|---|------------------|--------------|--------------------|-------------|-------------------|---|---|-----------------|-----------------------|---------------------------|---|---|---|---|---|---|--|
| Depth (m)   | Core length (cm) | Piece number | Igneous lith. unit | Orientation | Shipboard samples | Core image  | Graphic lithology   | Alteration rank | Sulfide abundance (%) | Major minerals (from XRD) | Fractures and veins   | Phenocrysts<br>PLAG, CPX<br>volume (%)  | Groundmass grain size (mm)  | Vesicle size<br>MAX, MODE (mm)  | Magnetic susceptibility<br>SHMSL (SI)   | Reflectance<br>L* a* b*   | Description  |
| 166.00  | 0                | 01           | 1                  |             |                   |  |  |                 |                       |                           |  |  |  |  |  |  | 376-U1527C-9R-1A, 0-5 cm<br>UNIT: 1<br>LITHOLOGY: plagioclase-pyroxene phyric dacite lava<br>COLOR: black<br>TEXTURE: phyric, glomeroporphyritic<br>PHENOCRYSTS: 20 % plagioclase, 1 % pyroxene<br>GROUNDMASS: vitric, microcrystalline<br>VESICLES: moderately vesicular<br>UPPER CONTACT: not recovered<br>LOWER CONTACT: not recovered<br>ALTERATION: Unaltered<br>VEINS: None.<br>STRUCTURE: Weak volcanic fabric defined by vesicles. |

