

| cm   | Piece Number | Scanned Image | Orientation | Shipboard Studies | Lith. Unit                                                | Structure | Structural Measurement | Glass | Phenocrysts | Constituent Minerals | Grain Size | Alteration |
|------|--------------|---------------|-------------|-------------------|-----------------------------------------------------------|-----------|------------------------|-------|-------------|----------------------|------------|------------|
| 0    |              |               |             |                   |                                                           |           |                        |       |             |                      |            |            |
| 1    | 1            |               | ↑           | X                 | x                                                         |           |                        |       |             |                      |            |            |
| 10   | 2            |               | ↑           | X                 | vein white min.                                           |           |                        |       |             |                      |            |            |
| 20   |              |               | ↑           | X                 | vein white-py                                             |           |                        |       |             |                      |            |            |
| 30   | 3            |               | ↑           | X                 | V <sub>2</sub> young subvertical                          |           |                        |       |             |                      |            |            |
| 40   | 4            |               | ↑           | X                 | V <sub>1</sub> old horizontal                             |           |                        |       |             |                      |            |            |
| 50   |              |               | ↑           | X                 | V <sub>1</sub> white min. only, 1mm thick                 |           |                        |       |             |                      |            |            |
| 60   |              |               | ↑           | X                 | V <sub>2</sub> end in middle                              |           |                        |       |             |                      |            |            |
| 70   |              |               | ↑           | X                 | V <sub>3</sub> slightly irregular                         |           |                        |       |             |                      |            |            |
| 80   |              |               | ↑           | X                 | V <sub>1</sub> white, d-green + py in middle              |           |                        |       |             |                      |            |            |
| 90   |              |               | ↑           | X                 | V <sub>1</sub> curved-sprayed, sigmoidal lens             |           |                        |       |             |                      |            |            |
| 100  |              |               | ↑           | X                 | V <sub>1</sub> d-green Y shaped top                       |           |                        |       |             |                      |            |            |
| 110  |              |               | ↑           | X                 | V <sub>1</sub> green min discontinuous                    |           |                        |       |             |                      |            |            |
| 120  |              |               | ↑           | X                 | V <sub>1</sub> d-green min                                |           |                        |       |             |                      |            |            |
| 130  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 140  |              |               | ↑           | X                 | V <sub>1</sub> straight d-green, L py                     |           |                        |       |             |                      |            |            |
| 150  |              |               | ↑           | X                 | V <sub>1</sub> green min, 0.1mm thick                     |           |                        |       |             |                      |            |            |
| 160  |              |               | ↑           | X                 | f <sub>1</sub> , f <sub>2</sub> sprayed at end, irregular |           |                        |       |             |                      |            |            |
| 170  |              |               | ↑           | X                 | V <sub>1</sub> planar, d-green fill                       |           |                        |       |             |                      |            |            |
| 180  |              |               | ↑           | X                 | f <sub>1</sub> irregular (no filling)                     |           |                        |       |             |                      |            |            |
| 190  |              |               | ↑           | X                 | f <sub>1</sub> /f <sub>2</sub> /f <sub>3</sub> 0.1mm      |           |                        |       |             |                      |            |            |
| 200  |              |               | ↑           | X                 | V <sub>1</sub> dark green + py                            |           |                        |       |             |                      |            |            |
| 210  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 220  |              |               | ↑           | X                 | V <sub>1</sub> dark green + py                            |           |                        |       |             |                      |            |            |
| 230  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 240  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 250  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 260  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 270  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 280  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 290  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 300  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 310  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 320  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 330  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 340  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 350  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 360  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 370  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 380  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 390  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 400  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 410  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 420  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 430  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 440  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 450  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 460  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 470  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 480  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 490  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 500  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 510  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 520  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 530  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 540  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 550  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 560  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 570  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 580  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 590  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 600  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 610  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 620  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 630  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 640  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 650  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 660  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 670  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 680  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 690  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 700  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 710  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 720  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 730  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 740  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 750  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 760  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 770  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 780  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 790  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 800  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 810  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 820  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 830  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 840  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 850  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 860  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 870  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 880  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 890  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 900  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 910  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 920  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 930  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 940  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 950  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 960  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 970  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 980  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 990  |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1000 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1010 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1020 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1030 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1040 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1050 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1060 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1070 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1080 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1090 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1100 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1110 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1120 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1130 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1140 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1150 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1160 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1170 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1180 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1190 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1200 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1210 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1220 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1230 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1240 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1250 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1260 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1270 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1280 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1290 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1300 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1310 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1320 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1330 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1340 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1350 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1360 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1370 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1380 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1390 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
| 1400 |              |               | ↑           | X                 | V <sub>1</sub> curved                                     |           |                        |       |             |                      |            |            |
|      |              |               |             |                   |                                                           |           |                        |       |             |                      |            |            |