

|     | Piece Number | Scanned Image | Orientation | Shipboard Studies | Lith. Unit | Structure | Structural Measurement | Glass | Phenocrysts | Constituent Minerals | Grain Size | Alteration |
|-----|--------------|---------------|-------------|-------------------|------------|-----------|------------------------|-------|-------------|----------------------|------------|------------|
| 0   |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 1   | 1            |               | ★           |                   | x          |           |                        |       |             |                      |            |            |
| 2   | 2            |               | x           |                   |            |           |                        |       |             |                      |            |            |
| 3   | 3            |               | x           |                   |            |           |                        |       |             |                      |            |            |
| 4   | 4            |               | ↑           |                   |            |           |                        |       |             |                      |            |            |
| 5   | 5            |               |             |                   |            |           |                        |       |             |                      |            |            |
| 6   | 6            |               |             |                   |            |           |                        |       |             |                      |            |            |
| 7   | 7            |               |             |                   |            |           |                        |       |             |                      |            |            |
| 8   | 8            |               |             |                   |            |           |                        |       |             |                      |            |            |
| 9   | 9            |               |             |                   |            |           |                        |       |             |                      |            |            |
| 10  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 11  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 12  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 13  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 14  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 15  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 16  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 17  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 18  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 19  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 20  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 21  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 22  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 23  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 24  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 25  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 26  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 27  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 28  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 29  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 30  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 31  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 32  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 33  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 34  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 35  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 36  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 37  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 38  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 39  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 40  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 41  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 42  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 43  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 44  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 45  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 46  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 47  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 48  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 49  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 50  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 51  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 52  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 53  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 54  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 55  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 56  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 57  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 58  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 59  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 60  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 61  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 62  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 63  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 64  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 65  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 66  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 67  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 68  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 69  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 70  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 71  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 72  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 73  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 74  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 75  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 76  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 77  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 78  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 79  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 80  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 81  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 82  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 83  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 84  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 85  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 86  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 87  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 88  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 89  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 90  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 91  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 92  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 93  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 94  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 95  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 96  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 97  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 98  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 99  |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 100 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 101 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 102 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 103 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 104 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 105 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 106 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 107 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 108 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 109 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 110 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 111 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 112 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 113 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 114 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 115 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 116 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 117 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 118 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 119 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 120 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 121 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 122 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 123 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 124 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 125 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 126 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 127 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 128 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 129 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 130 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 131 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 132 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 133 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 134 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 135 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 136 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 137 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 138 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 139 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 140 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 141 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 142 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 143 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 144 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 145 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 146 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 147 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 148 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 149 |              |               |             |                   |            |           |                        |       |             |                      |            |            |
| 150 |              |               |             |                   |            |           |                        |       |             |                      |            |            |

#1: nothing.  
#2: f<sub>1</sub>: 5-5 cm, 0.1 mm, irregular.  
#3: nothing.  
#4: f<sub>1</sub>: 13-13 cm, 0.1 mm, curved & irregular & Y shape only to half of the piece. (horizontal) (0-90, 90)  
f<sub>2</sub>: 16-17 cm, 0.1 mm, irregular (27-270; 11-0)  
f<sub>3</sub>: 18-18 cm, 0.1 mm, irregular (9-270; 10-180)  
V<sub>1</sub>: 14-16 cm, 0.7 mm, planar & diffuse DG filling (19-90; 2-180)  
V<sub>2</sub>: 15-18 cm; 0.2 mm, DG, irregular w/ halo 3 mm (in total) inner DG outer ~~the~~ Green. (30-90; 42-180)  
f<sub>1</sub>: 23-24 cm, 0.1 mm, Y shaped & curved  
f<sub>2</sub>: 21-22 cm, 0.1 mm, irregular  
V<sub>1</sub>: 20-23 cm, 0.1 mm, LG, planar  
#5:   
#6: f<sub>1</sub>: 26-26 cm 0.1 mm ~~0.1 mm~~, 0.1 mm ~~0.1 mm~~, irreg  
f<sub>2</sub>: 26-27 cm 0.1 curved, irregular  
f<sub>3</sub>: 28-28 cm 0.1 mm irreg.  
f<sub>4</sub>: ~~26-27~~ 27-28 cm 0.1 mm irreg/curved  
V<sub>1</sub>: 24-28 cm, 0.2 mm, DG & LG, irregular & curved & splayed  
felsic dike: 25-28 cm, 5 mm, planar & angular, contact halo of 1 cm more filled LG & coarse grained compared to host rock  
#7: felsic dike V<sub>1</sub>: 30-33 cm, 0.2 mm, green, Y-shaped & DG  
V<sub>2</sub>: 29-32 cm 0.2 mm DG, mufals curved  
V<sub>3</sub>: 30-31 cm 0.2 mm wh, irregular  
felsic dike: 30-33 cm 1.6 cm thick planar + 0.6 cm LG halo at the contact