

31. DATA REPORT: METAMORPHIC VEINS FROM SITE 894¹

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INTRODUCTION

Gabbroic rocks penetrated in Holes 894E, 894F, and 894G during Leg 147 of the Ocean Drilling Program were metamorphosed during early high-temperature hydrothermal alteration at or near the East Pacific Rise and during later low-temperature hydrothermal alteration associated with rifting by the Cocos-Nazca Ridge and the formation of Hess Deep (Manning and MacLeod, this volume). The distribution of this metamorphism was controlled by a series of crosscutting mineral-filled fractures, or metamorphic veins, which are found throughout the cores and provide a record of metamorphic reactions between flowing aqueous solutions and gabbroic wall rocks (Manning and MacLeod, this volume). This data report gives the location, vein type, mineral fill, length, width, and wall-rock alteration characteristics for 1064 metamorphic veins from Holes 894E, 894F, and 894G, as described aboard ship and during subsequent, shore-based redescription of the core. An additional microscopic vein type that predates the macroscopic veins is not discussed here; it is described in detail by Manning and MacLeod (this volume). Orientation data were collected simultaneously and are presented in an accompanying data report (MacLeod, Manning, et al., this volume).

METHODS

For the purposes of this investigation, veins were assumed to be fractures now filled by secondary minerals; unfilled fractures were assumed to be younger than and unrelated to the metamorphism. Metamorphism associated with vein formation is commonly expressed as more extensive alteration of the wall rock adjoining the veins. These regions are referred to as alteration halos. Zones of obvious shearing and cataclasis (e.g., MacLeod, Manning, et al., this volume) were not catalogued as veins.

Mineral identification was made using hand lenses and binocular microscopes in conjunction with selected, representative petrographic and shipboard X-ray-diffraction studies (Gillis, Mével, Allan, et al., 1993). Observed minerals are calcic amphibole, chlorite, prehnite, epidote, calcite, zeolite, mixed-layer clays, smectites, pyrite, and sphalerite. Smectites and mixed-layer clays could be differentiated only through X-ray diffraction; as the vein data reported here are based largely on hand-sample studies, these minerals are collectively referred to as "clay." Mineral compositions are reported by Manning

and MacLeod (this volume). Vein colors vary widely and are not diagnostic of particular vein types.

Veins were located relative to the top of each section of core. For every vein, we noted the location of the top and bottom of the piece containing the vein (cmt and cmb in Table 1), as well as the vein's location, which was recorded at its nearest point to the center of the core piece it cuts (cmc in Table 1). This convention aids determining realistic vein densities (Gillis, Mével, Allan, et al., 1993) and studies of the spatial distribution and clustering characteristics of these features (e.g., Manning, 1994). Also noted for each vein was its depth in meters below seafloor (mbsf) as calculated from the drilling and recovery data. In pieces with multiple veins, each vein was given an identifying number during cataloguing, allowing cross-referencing between Table 1 and the data given by MacLeod, Manning, et al. (this volume). In some cases, tightly clustered veins were recorded with a single entry; the number of veins in the cluster is given in the column headed "Number" in Table 1.

Vein widths were measured as the present mineralogic aperture; they do not necessarily correspond to the fracture aperture at the time of opening because of the possibility of elastic behavior prior to or during mineral filling. Lengths were also recorded. In many cases veins are partly preserved on the tops, bottoms, or sides of individual pieces. All such veins are included in the catalogue, although widths and in some cases lengths could not be measured.

Alteration halos are common around chlorite-bearing veins at Site 894. Secondary minerals in these halos include calcic amphibole and secondary plagioclase (albite), epidote, and clay minerals. However, halo minerals and widths were not systematically recorded during the vein studies because of time constraints. They are included in Table 1 where they were noted, and should be considered representative observations rather than a complete data set.

Where appropriate, crosscutting relations and notable textures were also identified.

RESULTS AND DISCUSSION

A total of 1064 metamorphic veins were identified in three holes at Site 894 (Table 1). Characteristic mineral associations allow grouping of the veins into four mineralogical types. In order of oldest to youngest as based on crosscutting relations, these veins are (1) amphibole veins containing calcic amphibole; (2) chlorite-calc-silicate veins containing chlorite, prehnite, and/or epidote; (3) chlorite-smectite veins containing chlorite and other layer silicates (which electron-microprobe analyses reveal to be chlorite/smectite; Manning and MacLeod, this volume), and (4) zeolite-calcite veins containing zeolites and/or calcite. Chlorite-bearing veins are commonly composite, such that residual porosity or reopened portions are filled by later clay minerals, zeolites, or calcite. Moreover, several instances of chlorite-smectite veins crosscutting chlorite-calc-silicate veins were observed, implying that these two vein types overlapped in time (see Manning and MacLeod, this volume, for further discussion).

Of the 1064 catalogued veins from Site 894, 45 are amphibole veins, 424 are chlorite-calc-silicate veins, 585 are chlorite-smectite veins, and 10 are zeolite-calcite veins. Minimum average vein densities at the site can be computed by dividing the number of veins by the sum of the lengths of the cored intervals in the holes, to give 0.25

¹Mével, C., Gillis, K.M., Allan, J.F., and Meyer, P.S. (Eds.), 1996. *Proc. ODP, Sci. Results*, 147: College Station, TX (Ocean Drilling Program).

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amphibole veins per meter, 2.33 chlorite–calc-silicate veins per meter, 3.22 chlorite–smectite veins per meter, 0.05 zeolite–calcite veins per meter and 5.84 total veins per meter. These are minimum values because core recovery was incomplete in all holes. Figure 1 shows these minimum vein densities over 5-m intervals in Hole 894G. Although other length scales (e.g., curated core lengths or cumulative piece lengths) or Formation MicroScanner images may yield more accurate vein densities (Gillis, Mével, Allan, et al., 1993; Manning and MacLeod, this volume), Figure 1 is useful in that it provides a first-order indication of the relative locations and abundance of the vein types for comparison with other observations employing the same scale, such as stratigraphic units or geochemical patterns. Figure 1 shows that all vein types have widely variable densities. Amphibole and chlorite–calc-silicate veins have the highest mini-

um vein densities between 40 and 80 mbsf. By contrast, chlorite–smectite veins are locally abundant throughout the hole. Zeolite–calcite veins are rare and occur only above ~100 mbsf in Hole 894G.

REFERENCES

- Gillis, K., Mével, C., Allan, J., et al., 1993. *Proc. ODP, Init. Repts.*, 147: College Station, TX (Ocean Drilling Program).
 Manning, C.E., 1994. Fractal clustering of metamorphic veins. *Geology*, 22:335–338.

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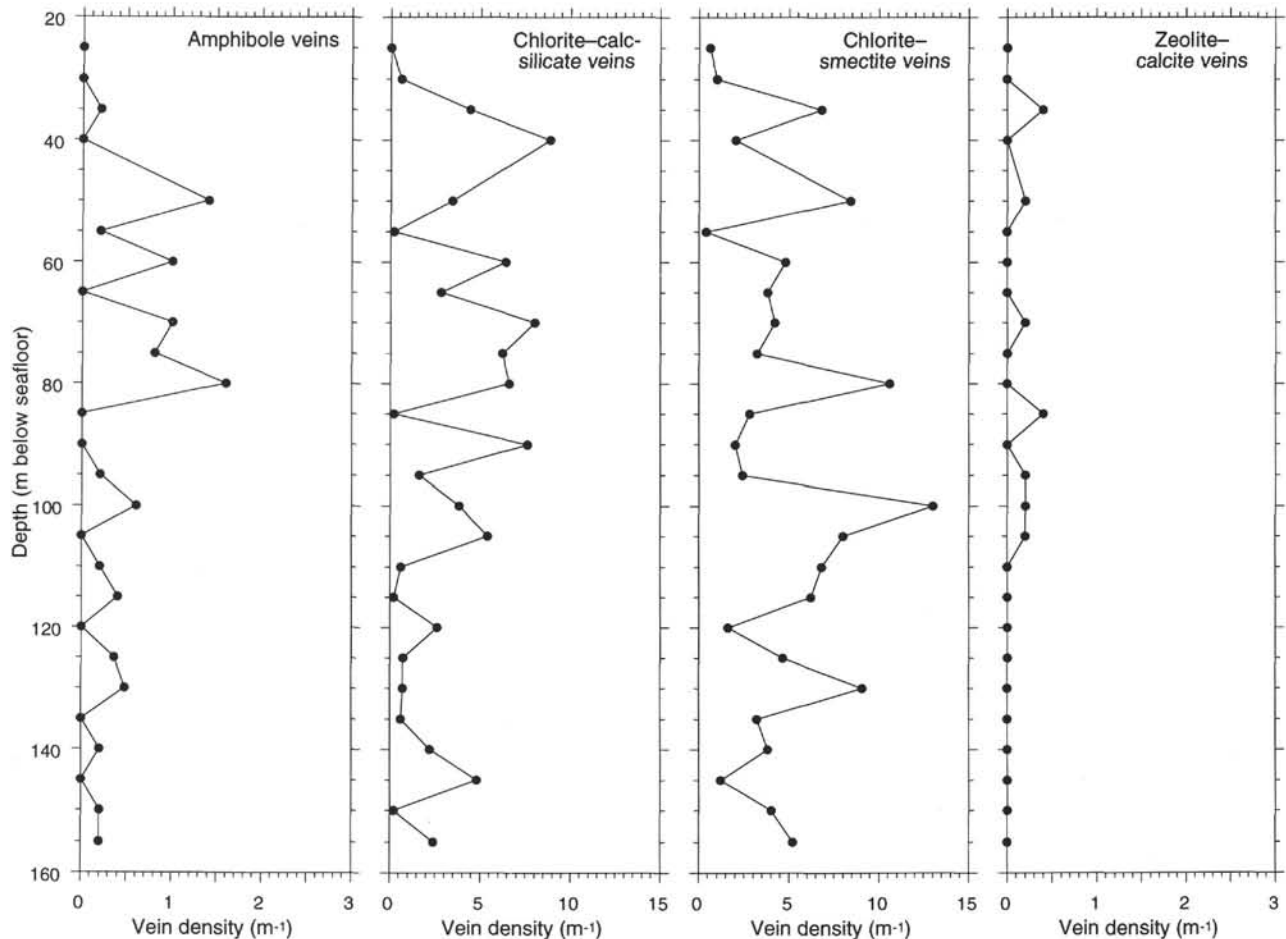


Figure 1. Variation in minimum vein density with depth in Hole 894G for the four mineralogical vein types. Vein densities were calculated at 5-m intervals in the hole.

Table 1. Metamorphic veins from Site 894.

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|------------------|--------------------|------|------------|-------------|---------------|--|--|
| 147-894E- | | | | | | | | | | | | | | |
| 3R-1 (Piece 11) | 76.0 | 82.0 | 79.0 | 28.23 | 10 | | pale green | pre, chl, sulfides | ccs | 0.3 | 6.0 | | | Anastomosing veinlets coalescing as one vein system |
| 3R-1 (Piece 11) | 76.0 | 82.0 | 81.0 | 28.46 | 1 | | pale green | chl, pre | ccs | 0.1 | 3.5 | | | |
| 147-894F- | | | | | | | | | | | | | | |
| 1R-1 (Piece 4) | 19.0 | 23.0 | 19.5 | 4.32 | 1 | | white | zeo | zc | 0.5 | 2.0 | | | Terminates in a cataclastic/breccia zone Straight |
| 2R-1 (Piece 1) | 0.0 | 10.2 | 5.1 | 9.96 | 1 | | lt green | amp | amp | 0.1 | 9.5 | | | |
| 2R-1 (Piece 2a) | 13.5 | 22.8 | 18.0 | 11.63 | 1 | | lt-green | chl, clay | cs | 0.1 | 8.0 | | | |
| 2R-1 (Piece 2a) | 13.5 | 22.8 | 20.5 | 11.95 | 1 | | lt green | chl, pre, amp? | ccs | 0.1 | 4.0 | | | |
| 2R-1 (Piece 3a) | 26.0 | 34.5 | 31.0 | 13.31 | 1 | | pale green | chl, pre, amp? | ccs | 0.1 | 3.0 | | | |
| 3R-1 (Piece 1) | 0.0 | 6.0 | 0.5 | 16.83 | 1 | | dk-green | chl | ccs | 0.2 | 4.5 | | | |
| 3R-1 (Piece 1) | 0.0 | 6.0 | 1.2 | 16.88 | 1 | | dk-green | chl,qtz | ccs | 0.2 | 4.5 | | | |
| 3R-1 (Piece 1) | 0.0 | 6.0 | 2.0 | 16.93 | 1 | | dk-green | chl | ccs | — | — | | Local open space | |
| 3R-1 (Piece 2) | 6.0 | 9.0 | 6.4 | 17.23 | 1 | | dk-green | chl | ccs | 0.1 | 2.5 | | | |
| 3R-1 (Piece 3) | 9.0 | 15.0 | 11.0 | 17.54 | 1 | | dk-green | chl | ccs | 0.5 | — | | | |
| 3R-1 (Piece 3) | 9.0 | 15.0 | 12.5 | 17.64 | 1 | | dk-green | chl | ccs | 0.5 | — | | | |
| 3R-1 (Piece 3) | 9.0 | 15.0 | 14.0 | 17.74 | 2 | | dk-green | chl | ccs | 0.5 | — | | | |
| 3R-1 (Piece 4) | 15.0 | 21.0 | 18.0 | 18.01 | 1 | | green | chl, amp? | ccs | 2.0 | 5.5 | | Anastomosing veins | |
| 3R-1 (Piece 5) | 21.0 | 34.0 | 21.0 | 18.22 | 1 | | white | spl, chl | ccs | 1.0 | 8.0 | | 1 main vein, numerous discontinuous veins | |
| 3R-1 (Piece 6) | 34.0 | 39.0 | 35.0 | 19.16 | 1 | | dk-green | chl | ccs | 1.0 | 2.5 | | | |
| 3R-1 (Piece 12) | 67.5 | 69.0 | 68.5 | 21.42 | 1 | | dk-green | chl | ccs | 1.0 | 4.0 | | Several anastomosing veins in breccia | |
| 3R-1 (Piece 14) | 77.5 | 85.0 | 81.5 | 22.30 | 1 | | white | spl, chl | ccs | 2.0 | >6 | | Dense veins up to 0.5 cm wide | |
| 3R-1 (Piece 15) | 85.0 | 91.0 | 86.0 | 22.60 | 1 | | dk-green | chl | ccs | 1.0 | 3.0 | | | |
| 3R-1 (Piece 16) | 91.0 | 91.0 | 97.5 | 23.37 | 1 | | brown | clay | cs | <0.5 | 5.0 | | Open fractures partly filled by clay. Some plag breccia, cataclastic | |
| 3R-1 (Piece 19) | 116.0 | 123.5 | 118.0 | 24.76 | 1 | | lt-green | qtz, epd | ccs | 1.0 | 5.0 | chl | | |
| 3R-1 (Piece 20) | 123.5 | 132.0 | 123.5 | 25.13 | 1 | | lt-green | qtz, epd | ccs | 0.5 | 3.5 | chl | | |
| 147-894G- | | | | | | | | | | | | | | |
| 1R-1 (Piece 1) | 0.0 | 6.0 | 1.5 | 19.31 | 1 | | dk green | chl, clay | cs | 2.5 | 2.0 | | | Irregular width, pieces |
| 1R-1 (Piece 2) | 6.0 | 17.0 | 8.5 | 22.65 | 1 | 10 | dk green | chl, clay | cs | 0.8 | 6.5 | | | |
| 1R-1 (Piece 2) | 6.0 | 17.0 | 9.5 | 23.12 | 1 | 2 | dk green | chl, clay | cs | 0.5 | 5.2 | | | |
| 2R-1 (Piece 2) | 5.0 | 15.0 | 11.0 | 28.85 | 3 | 1 | dk green | chl | ccs | 0.2 | 4.0 | | | |
| 2R-1 (Piece 3) | 14.0 | 27.0 | 16.5 | 28.97 | 1 | | lt green | chl, clay | cs | — | 7.0 | | | Piece broken along feature |
| 2R-1 (Piece 5) | 34.0 | 43.0 | 34.0 | 29.37 | 1 | 1 | dk green | chl, clay | cs | — | 5.0 | | | |
| 2R-1 (Piece 5) | 34.0 | 43.0 | 41.0 | 29.53 | 1 | 2 | dk green | chl, clay | cs | — | — | | | |
| 2R-1 (Piece 8) | 127.0 | 59.0 | 57.0 | 29.89 | 1 | 1 | white | zeo, chl, clay | cs | 2.0 | 2.4 | | | 1 very soft, vein 1 connects with 2 |
| 2R-1 (Piece 8) | 55.0 | 59.0 | 57.0 | 29.89 | 1 | 2 | white green | zeo, chl, clay | cs | 0.4 | 2.1 | | | |
| 2R-1 (Piece 9) | 59.0 | 77.0 | 62.0 | 30.01 | 1 | 1 | lt green | chl, clay | cs | 0.1 | 3.0 | | | Cuts 5 |
| 2R-1 (Piece 9) | 59.0 | 77.0 | 70.0 | 30.19 | 1 | 2 | lt green | chl, clay | cs | 0.5 | 5.3 | | | |
| 2R-1 (Piece 9) | 59.0 | 77.0 | 71.0 | 30.21 | 1 | 3 | white | cc | zc | 0.8 | 4.5 | | | Sinuuous |
| 2R-1 (Piece 9) | 59.0 | 77.0 | 73.0 | 30.26 | 1 | 4 | brown green | clay | cs | 0.8 | 5.5 | | | Cut by 3 |
| 2R-1 (Piece 9) | 55.0 | 77.0 | 62.0 | 30.01 | 1 | 5 | greenish white | chl, pre? | ccs | 0.8 | 6.0 | | | |
| 2R-1 (Piece 10) | 77.0 | 83.0 | 78.0 | 30.37 | 1 | | dk green | chl | ccs | 0.2 | 2.5 | | | |
| 2R-1 (Piece 15) | 109.0 | 122.0 | 119.0 | 31.30 | 1 | 1 | yellow gm | chl, clay | cs | 0.3 | 6.0 | | | |
| 2R-1 (Piece 15) | 109.0 | 122.0 | 109.0 | 31.07 | 1 | 2 | dk green | chl, clay | cs | — | 9.0 | | | |
| 2R-1 (Piece 15) | 109.0 | 122.0 | 109.0 | 31.07 | 1 | 3 | dk green | chl, clay | cs | — | 8.0 | | | |
| 2R-1 (Piece 16) | 123.0 | 127.0 | 125.0 | 31.44 | 1 | | lt green | chl | ccs | 1.0 | 2.8 | | | Sinuuous |
| 2R-1 (Piece 17) | 127.0 | 135.0 | 132.5 | 31.61 | 1 | | lt green | amp? | amp | 0.8 | 2.0 | | | |
| 2R-1 (Piece 18) | 135.0 | 144.5 | 138.0 | 31.73 | 1 | 2 | yellow green | clay, chl | cs | 0.8 | 4.8 | | | Zoned |
| 2R-1 (Piece 18) | 135.0 | 144.5 | 142.0 | 31.82 | 1 | 1 | lt green | chl | ccs | 0.4 | 4.8 | | | |
| 2R-2 (Piece 3) | 9.0 | 16.0 | 10.0 | 32.23 | 1 | 1 | dk green / white | chl, zeo, clay | cs | 0.8 | 5.5 | | | Zeolites in vein centers |
| 2R-2 (Piece 3) | 9.0 | 16.0 | 13.5 | 32.31 | 1 | 2 | dk brown-green | chl, clay | cs | 0.5 | 2.1 | | | Cuts 1 |
| 2R-2 (Piece 4) | 17.0 | 22.0 | 18.0 | 32.41 | 1 | 1 | green | chl, clay | cs | 0.3 | 5.5 | | | |
| 2R-2 (Piece 4) | 17.0 | 22.0 | 20.0 | 32.46 | 1 | 2 | yel green | chl, clay | cs | 0.1 | 5.0 | | | Cuts 1 |
| 2R-2 (Piece 6) | 26.0 | 30.0 | 28.0 | 32.64 | 1 | | dk green | chl | ccs | 0.1 | 3.2 | | | |
| 2R-2 (Piece 7) | 30.0 | 44.0 | 31.0 | 32.71 | 1 | 1 | dk green | chl, zeo | ccs | 0.5 | 2.3 | | | Zeol in center |
| 2R-2 (Piece 7) | 30.0 | 44.0 | 33.5 | 32.76 | 1 | 2 | green | chl, clay | cs | 0.5 | 5.0 | | | Cut by 3 |
| 2R-2 (Piece 7) | 30.0 | 44.0 | 34.0 | 32.78 | 1 | 3 | dk green | chl, clay | cs | 1.3 | 5.5 | | | |
| 2R-2 (Piece 7) | 30.0 | 44.0 | 39.0 | 32.89 | 1 | 4 | lt green | chl, clay | cs | 1.0 | 12.0 | | | Sinuuous, cut by 5 |
| 2R-2 (Piece 7) | 30.0 | 44.0 | 32.0 | 32.73 | 1 | 5 | br green | chl, clay | cs | 1.5 | 1.8 | | | Composite |
| 2R-2 (Piece 10) | 53.5 | 65.0 | 54.5 | 33.24 | 1 | 1 | lt green | chl, clay | cs | 0.2 | 3.1 | | | |
| 2R-2 (Piece 10) | 53.5 | 65.0 | 58.0 | 33.32 | 1 | 2 | lt green | chl, clay | cs | 0.1 | 5.5 | | | |
| 2R-2 (Piece 10) | 53.5 | 65.0 | 63.5 | 33.45 | 1 | 3 | green | chl | ccs | 1.0 | 4.6 | | | Prominent vein |
| 2R-2 (Piece 10) | 53.5 | 65.0 | 64.5 | 33.47 | 1 | 4 | gray | zeo | zc | 1.0 | 3.0 | | | Discontinuous, cuts 3 |
| 2R-2 (Piece 10) | 53.5 | 65.0 | 60.0 | 33.37 | 1 | 5 | yel green | chl, clay | cs | 0.1 | 5.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (msbf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|------------------------|----------------|------|------------|-------------|-------------------|-----------------|--|
| 2R-2 (Piece 11) | 67.0 | 76.0 | 71.5 | 33.63 | 1 | 1 | white | clay | cs | 0.2 | 5.3 | | | Cuts 9, 8, 6, 4 |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 68.5 | 33.56 | 1 | 2 | white | clay | cs | 1.2 | 3.0 | | | |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 72.0 | 33.64 | 2 | 3 | dk green | clay | cs | 0.3 | 7.0 | | | Cuts 9, 10 |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 74.0 | 33.68 | 1 | 4 | dk green | clay | cs | 0.2 | 4.5 | | | Branches from 5 |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 73.0 | 33.66 | 1 | 5 | white | clay | cs | 0.4 | 6.5 | | | Cuts 6, 8 |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 74.0 | 33.68 | 1 | 6 | green | chl | ccs | 0.6 | 4.8 | | | Earliest vein in piece |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 74.0 | 33.68 | 1 | 7 | white | chl, clay | cs | 0.1 | 2.5 | | | |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 75.0 | 33.71 | 1 | 8 | white | chl, clay | cs | 1.0 | 3.7 | | | Cuts 6, int age |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 71.0 | 33.62 | 1 | 9 | green | clay | cs | 0.1 | 5.1 | | | |
| 2R-2 (Piece 11) | 67.0 | 76.0 | 69.0 | 33.57 | 1 | 10 | white | clay | cs | 0.1 | 3.5 | | | |
| 2R-2 (Piece 12) | 77.5 | 82.5 | 77.6 | 33.77 | 1 | 1 | lt green | chl, clay | cs | 0.2 | 1.5 | | | |
| 2R-2 (Piece 12) | 77.5 | 82.5 | 78.0 | 33.77 | 1 | 2 | lt green | chl, clay | cs | 0.2 | 1.8 | | | |
| 2R-2 (Piece 12) | 77.5 | 82.5 | 79.0 | 33.80 | 1 | 3 | pale white-grn | chl, clay | cs | 0.8 | 2.3 | | | |
| 2R-2 (Piece 13) | 84.0 | 86.5 | 86.0 | 33.96 | 1 | 1 | lt green | chl, clay | cs | 0.5 | 2.5 | | | |
| 2R-2 (Piece 15) | 95.0 | 114.0 | 101.0 | 34.30 | 1 | 1 | lt green | chl | ccs | 0.1 | 6.8 | | | |
| 2R-2 (Piece 15) | 95.0 | 114.0 | 106.5 | 34.42 | 1 | 2 | lt green | chl | ccs | 0.8 | 5.6 | | | |
| 2R-2 (Piece 15) | 95.0 | 114.0 | 97.0 | 34.21 | 1 | 3 | lt green | chl | ccs | 0.1 | 5.8 | | | |
| 2R-2 (Piece 15) | 95.0 | 114.0 | 95.0 | 34.16 | 1 | 4 | lt green | chl | ccs | 0.2 | 12.0 | | | |
| 2R-2 (Piece 16) | 116.0 | 119.0 | 117.0 | 34.66 | 1 | 1 | lt green | clay | cs | 0.1 | 2.6 | | | |
| 2R-2 (Piece 17) | 119.0 | 127.0 | 125.7 | 34.86 | 1 | 1 | green | chl, clay | cs | 1.0 | 3.9 | | | |
| 2R-2 (Piece 18) | 127.0 | 135.0 | 132.0 | 35.00 | 10 | | black / gray green | pre, chl | ccs | 0.3 | 2.2 | spl, chl ± amp | | Chl vein w/ dense net of branching pre veins & altered wall-rock plg gives brecciated appearance |
| 2R-2 (Piece 19) | 135.0 | 144.0 | 140.0 | 35.18 | 1 | 1 | yellow brown to dk grn | chl, clay | cs | 0.1 | 8.0 | spl, chl, br-clay | | Composite, branching. Pre ± chl rims, clay center |
| 2R-2 (Piece 19) | 135.0 | 144.0 | 137.0 | 35.11 | 1 | 2 | yellow brown | chl, clay | cs | 1.0 | 4.0 | spl, chl, clay | | Branching pre veinlets |
| 2R-2 (Piece 19) | 135.0 | 144.0 | 143.0 | 35.25 | 1 | 3 | yellow brown to dk grn | chl, clay | cs | 1.0 | 5.0 | spl, chl, clay | | Similar to 1. At edge of cataclastic zone |
| 2R-2 (Piece 19) | 135.0 | 144.0 | 143.0 | 35.25 | 1 | 4 | yellow | clay | cs | — | 5.0 | | | |
| 2R-2 (Piece 19) | 135.0 | 144.0 | 139.5 | 35.17 | 1 | 5 | white | chl, pre, clay | ccs | 0.3 | 6.0 | spl, chl, clay | | Branching, composite. Chl rims, pre center |
| 2R-3 (Piece 1) | 0.0 | 7.5 | 3.5 | 35.49 | 1 | | green | chl | ccs | 1.0 | 2.0 | | | |
| 2R-3 (Piece 2) | 7.5 | 11.0 | 8.5 | 35.60 | 3 | 1 | dk green | chl | ccs | 0.1 | 1.5 | | | |
| 2R-3 (Piece 2) | 7.5 | 11.0 | 9.0 | 35.61 | 1 | 2 | brown green | clay, zeo | cs | 2.0 | 2.5 | | | Cuts 1 |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 14.5 | 35.74 | 1 | 1 | green | chl, pre | ccs | 1.0 | 5.0 | | | |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 16.5 | 35.78 | 1 | 2 | green | chl, clay | cs | — | 7.0 | | | |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 16.5 | 35.78 | 1 | 3 | green | pre, chl | ccs | 1.0 | 2.5 | | | |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 18.0 | 35.82 | 1 | 5 | pale blue-grn | pre, chl | ccs | 5.0 | 3 | | | Brecciated gabbro clasts in vein |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 18.0 | 35.82 | 1 | 6 | pale blue-grn | pre, chl | ccs | 3.0 | 2 | | | Brecciated gabbro clasts in vein |
| 2R-3 (Piece 3) | 11.0 | 20.0 | 18.0 | 35.82 | 1 | 7 | pale blue-grn | pre, chl | ccs | 3.0 | 2 | | | Brecciated gabbro clasts in vein |
| 2R-3 (Piece 4) | 20.0 | 30.0 | 27.0 | 36.02 | 10 | 1 | pale blue-grn | pre, zeo, chl | ccs | 1.0 | 5 | | | 2 veins with anastomosing connections |
| 2R-3 (Piece 4) | 20.0 | 30.0 | 24.0 | 35.95 | 1 | 2 | green | chl | ccs | 1.0 | 1 | | | Vertical |
| 2R-3 (Piece 5) | 30.0 | 48.0 | 43.0 | 36.38 | 1 | 1 | pale blue-grn | pre | ccs | 2.0 | 10.0 | | | Xcuts ultra-catcl. shear zone |
| 2R-3 (Piece 5) | 30.0 | 48.0 | 37.0 | 36.25 | 1 | 3 | dk green | chl | ccs | 1.0 | 1.0 | | | Discontinuous |
| 2R-3 (Piece 5) | 30.0 | 48.0 | 40.0 | 36.32 | 1 | 4 | pale blue-grn | pre | ccs | 5.0 | 4 | | | Sheared at base, brecciated at top |
| 2R-3 (Piece 6) | 48.0 | 59.0 | 48.0 | 36.50 | 1 | 2 | pale green | pre, zeo | ccs | 1.0 | 8.0 | | | Vuggy, anastomosing, with gabbro clasts |
| 2R-3 (Piece 6) | 48.0 | 59.0 | 54.5 | 36.65 | 1 | 3 | pale blue-grn | pre, zeo | ccs | 2.5 | 3.5 | | | Vuggy, with gabbro clasts |
| 2R-3 (Piece 7) | 59.0 | 63.0 | 59.5 | 36.76 | 1 | 3 | pale blue-grn | pre, zeo | ccs | 1.0 | 1.0 | | | |
| 2R-3 (Piece 7) | 59.0 | 63.0 | 62.0 | 36.82 | 1 | 2 | pale blue-grn | chl, pre, clay | ccs | 0.5 | 1.5 | | | Gabbro clasts |
| 2R-3 (Piece 8) | 63.0 | 68.0 | 63.0 | 36.84 | 1 | 2 | white | pre, zeo | ccs | 2.0 | 4.0 | | | |
| 2R-3 (Piece 8) | 63.0 | 68.0 | 67.0 | 36.93 | 1 | 3 | white | pre, zeo | ccs | 1.0 | 2.5 | | | Discontinuous |
| 2R-3 (Piece 9) | 68.0 | 73.0 | 70.0 | 37.00 | 1 | | white | pre | ccs | 0.5 | 0.5 | | | Connects with diffuse zone of spl-qtz alt |
| 2R-3 (Piece 10) | 73.0 | 78.0 | 77.5 | 37.17 | 1 | | pale blue-grn | pre | ccs | 1.0 | 4.0 | | | Crosscuts shear zone |
| 2R-3 (Piece 11) | 78.0 | 87.0 | 78.0 | 37.18 | 3 | 2 | light green | pre | ccs | 1.0 | 8.5 | | | Adjacent to shear zone |
| 2R-3 (Piece 11) | 78.0 | 87.0 | 80.5 | 37.24 | 1 | 3 | white | pre, zeo | ccs | 1.0 | 2.5 | | | Cuts shear zone & joins 2 |
| 2R-3 (Piece 12) | 87.0 | 100.0 | 89.0 | 37.43 | 1 | 2 | white | pre | ccs | 0.5 | 4.5 | | | Cuts shear zone |
| 2R-3 (Piece 12) | 87.0 | 100.0 | 87.0 | 37.38 | 1 | 3 | yellow green | clay, zeo | cs | 0.5 | 1.5 | | | En echelon, xcuts green lens in shear zone |
| 2R-3 (Piece 14) | 107.5 | 123.0 | 111.0 | 37.93 | 1 | 1 | green | chl, clay | cs | 0.5 | 4.5 | | | |
| 2R-3 (Piece 14) | 107.5 | 123.0 | 112.5 | 37.96 | 1 | 2 | dk green | chl | ccs | 0.5 | 4.5 | | | |
| 2R-3 (Piece 14) | 107.5 | 123.0 | 109.0 | 37.88 | 1 | 3 | green | chl, clay | cs | 0.1 | 3.0 | | | Piece broken along this vein |
| 3R-1 (Piece 2) | 9.0 | 15.0 | 6.5 | 38.77 | 1 | | dk green | chl | ccs | 0.2 | 3.0 | | | |
| 4R-1 (Piece 1) | 0.0 | 7.0 | 1.0 | 45.02 | 1 | | brn green | chl, clay | cs | | | spl | | |
| 4R-1 (Piece 2) | 7.0 | 13.0 | 9.0 | 45.18 | 1 | | dk green | chl | ccs | 0.1 | 3.0 | | | |
| 4R-1 (Piece 4) | 16.0 | 22.5 | 16.0 | 45.31 | 9 | | yel green | chl | ccs | 1.0 | 4.0 | | | Net-like veins cut epd alteration of plg |
| 4R-1 (Piece 7) | 32.0 | 39.0 | 35.0 | 45.69 | 1 | 1 | yel green | chl, clay | cs | 0.1 | 7.5 | | | |
| 4R-1 (Piece 7) | 32.0 | 39.0 | 33.0 | 45.65 | 1 | | green | chl, clay | cs | 0.1 | 6.0 | | | |
| 4R-1 (Piece 8) | 39.0 | 43.5 | 41.0 | 45.81 | 3 | | dk green | chl | ccs | 0.2 | 4.0 | spl | | |
| 4R-1 (Piece 9) | 43.5 | 51.5 | 46.0 | 45.91 | 1 | 1 | green | amp | amp | 0.2 | 4.0 | | 0.5 | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|----------------------|--------------------|------|------------|-------------|---------------|-----------------|--|
| 4R-1 (Piece 9) | 43.5 | 51.5 | 48.0 | 45.94 | 1 | 2 | green | amp | amp | 0.5 | 3.5 | | | |
| 4R-1 (Piece 9) | 43.5 | 51.5 | 43.5 | 45.86 | 1 | 3 | brn green | chl,clay | cs | — | 4.0 | | | |
| 4R-1 (Piece 10) | 51.5 | 64.0 | 56.0 | 46.10 | 1 | 1 | brn green | chl, clay | cs | 0.2 | 5.0 | | | |
| 4R-1 (Piece 10) | 51.5 | 64.0 | 58.0 | 46.14 | 1 | 2 | green | chl, clay | cs | 0.2 | 3.0 | | | |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 69.5 | 46.37 | 1 | 1 | dk green | chl | ccs | 0.5 | 4.5 | epd, spl | 2 | Cuts 1 |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 78.5 | 46.55 | 1 | 2 | brn green | chl, clay | cs | 0.1 | 5.0 | | | |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 69.5 | 46.37 | 1 | 3 | brn green | chl, clay | cs | 0.1 | 3.0 | | | |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 72.5 | 46.43 | 1 | 4 | brn green | chl, clay | cs | 0.1 | 2.5 | | | |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 72.5 | 46.43 | 1 | 5 | brn green | chl, clay | cs | 0.1 | 6.0 | | | |
| 4R-1 (Piece 12) | 69.5 | 80.0 | 73.5 | 46.45 | 1 | 6 | brn green | chl, clay | cs | 0.1 | 7.5 | | | |
| 4R-1 (Piece 13) | 80.0 | 99.5 | 82.0 | 46.61 | 1 | 1 | green | chl, clay | cs | 0.2 | 4.0 | | | Pc broken along vein |
| 4R-1 (Piece 13) | 80.0 | 99.5 | 84.0 | 46.65 | 1 | 2 | brn green | chl, clay | cs | 0.2 | 4.0 | | | Pc broken along vein |
| 4R-1 (Piece 13) | 80.0 | 99.5 | 85.5 | 46.68 | 1 | 3 | brn green | chl, clay | cs | 0.2 | 14.0 | | | Pc broken along vein |
| 4R-1 (Piece 16) | 112.5 | 122.0 | 113.5 | 47.23 | 1 | 1 | green | amp | amp | 0.2 | 3.5 | | | |
| 4R-1 (Piece 16) | 112.5 | 122.0 | 116.5 | 47.29 | 1 | 2 | green | amp | amp | 0.2 | 4.5 | | | |
| 4R-1 (Piece 19) | 129.5 | 133.5 | 131.5 | 47.59 | 1 | | brn green | chl, clay | cs | 0.2 | 4.0 | | | |
| 4R-2 (Piece 1) | 0.0 | 4.0 | 1.0 | 47.64 | 1 | | brn green | chl, clay | cs | 0.3 | 4.5 | | | White center |
| 4R-2 (Piece 1) | 0.0 | 4.0 | 2.0 | 47.66 | 1 | | brn green | chl, clay | cs | 0.3 | 5.0 | | | |
| 4R-2 (Piece 2) | 4.0 | 12.0 | 4.0 | 47.70 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 2.5 | | | |
| 4R-2 (Piece 2) | 4.0 | 12.0 | 4.0 | 47.70 | 1 | 2 | brn green | chl, clay | cs | 0.2 | 4.0 | | | |
| 4R-2 (Piece 3) | 12.0 | 16.5 | 13.0 | 47.87 | 1 | | brn green | chl, clay, zeo | cs | 0.2 | 3.5 | | | |
| 4R-2 (Piece 5) | 23.0 | 26.0 | 23.5 | 48.08 | 1 | 1 | dk green | chl, clay, zeo | cs | 0.1 | 2.5 | | | |
| 4R-2 (Piece 5) | 23.0 | 26.0 | 23.5 | 48.08 | 1 | 2 | dk green + white | chl, clay, zeo | cs | 0.5 | 2.0 | | | |
| 4R-2 (Piece 6) | 26.0 | 30.0 | 27.5 | 48.16 | 1 | | dk green + white | chl, clay, zeo | cs | 0.5 | 3.0 | | | |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 30.0 | 48.21 | 1 | 1 | yel green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 31.5 | 48.24 | 1 | 2 | brn green | chl, clay | cs | 0.2 | 4.5 | | | |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 30.0 | 48.21 | 1 | 3 | green + white | chl, zeo | ccs | 0.5 | 5.5 | | | |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 40.0 | 48.41 | 1 | 4 | green | chl, clay | cs | 0.7 | 2.5 | | | |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 36.0 | 48.33 | 1 | 5 | green | amp | amp | 0.5 | 6.5 | | | |
| 4R-2 (Piece 7) | 30.0 | 40.5 | 35.0 | 48.31 | 1 | 6 | white | zeo | zc | 0.1 | 5.0 | | | |
| 4R-2 (Piece 8) | 40.5 | 47.0 | 40.5 | 48.42 | 9 | | yellow green + green | chl, clay, zeo, cc | cs | 1.0 | 4.0 | spl | 1 | Irregular network of veins over entire piece. XRD on brownish green vein |
| 4R-2 (Piece 9) | 47.0 | 66.0 | 51.5 | 48.63 | 1 | 1 | yel green | chl, clay, zeo | cs | 2.0 | 8.0 | | | |
| 4R-2 (Piece 9) | 47.0 | 66.0 | 57.0 | 48.74 | 1 | 2 | light green + white | chl, clay, zeo | cs | 1.0 | 8.0 | | | |
| 4R-2 (Piece 9) | 47.0 | 66.0 | 63.5 | 48.87 | 1 | 3 | yellow green | chl, clay, zeo | cs | 0.2 | 4.5 | | | |
| 4R-2 (Piece 9) | 47.0 | 66.0 | 48.0 | 48.56 | 1 | 4 | yel green | chl, clay, zeo | cs | 1.0 | 5.0 | | | |
| 4R-2 (Piece 9) | 47.0 | 66.0 | 54.0 | 48.68 | 1 | 5 | green | amp | — | 9.0 | | | | On back of working half |
| 4R-2 (Piece 10) | 66.0 | 80.0 | 77.5 | 49.14 | 1 | 1 | yel green | chl, clay | cs | 0.5 | 5.0 | | | |
| 4R-2 (Piece 10) | 66.0 | 80.0 | 75.0 | 49.09 | 1 | 2 | green | amp | amp | 1.0 | 8.0 | | | |
| 4R-2 (Piece 11) | 80.0 | 93.0 | 89.5 | 49.38 | 1 | | yel green | chl, clay | cs | 0.5 | 3.5 | | | |
| 4R-2 (Piece 14) | 107.0 | 122.0 | 107.0 | 49.72 | 1 | 1 | green | chl | ccs | — | 13.0 | | | Pc broken |
| 4R-2 (Piece 14) | 107.0 | 122.0 | 117.0 | 49.92 | 1 | 2 | yel green | chl, clay | cs | 0.2 | 2.0 | | | |
| 4R-2 (Piece 14) | 107.0 | 122.0 | 119.0 | 49.96 | 1 | 3 | yellow green | chl | ccs | 0.2 | 4.0 | | | |
| 5R-1 (Piece 1) | 0.0 | 10.0 | 1.0 | 50.14 | 1 | 1 | dk green | chl, clay | cs | 0.2 | 3.0 | | | |
| 5R-1 (Piece 1) | 0.0 | 10.0 | 6.0 | 50.85 | 1 | 2 | dk green | chl, clay | cs | 0.1 | 6.0 | | | |
| 5R-1 (Piece 5) | 26.5 | 35.0 | 29.5 | 54.16 | 1 | | yel green | chl | ccs | 0.3 | 7.0 | | | |
| 6R-1 (Piece 1) | 0.0 | 7.0 | 3.5 | 54.91 | 1 | | light green | amp | amp | 0.2 | 3.4 | | | |
| 6R-1 (Piece 2) | 7.0 | 10.0 | 9.0 | 55.08 | 1 | | dk green | chl, clay | cs | 0.2 | 2.9 | spl | 1 | |
| 6R-1 (Piece 3) | 12.0 | 15.0 | 13.0 | 55.20 | 1 | | brown | clay, chl, pre | ccs | 3.0 | 1.9 | | | Discontinuous, vuggy |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 17.0 | 55.33 | 1 | 1 | dk green | chl, pre | ccs | 0.5 | 4.6 | | | Pinch-swell |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 18.5 | 55.37 | 1 | 2 | dk green | chl, pre | ccs | 1.5 | 5.7 | | | |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 22.0 | 55.48 | 1 | 3 | green | amp | amp | 0.5 | 3.2 | spl | | Irregular alteration along vein, cut by 2 |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 18.5 | 55.37 | 1 | 4 | yel green | chl, clay | cs | 0.1 | 3.5 | | | Plucked |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 22.0 | 55.48 | 1 | 5 | dk green | chl, pre | ccs | 0.8 | 6.9 | spl, amp | | Discontinuous halo |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 23.0 | 55.51 | 1 | 6 | dk green | chl, pre | ccs | 2.0 | 7.0 | | | Pinch swell, composite vein |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 28.0 | 55.67 | 1 | 7 | dk green | chl, clay | cs | 0.1 | 8.2 | | | |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 32.0 | 55.79 | 1 | 8 | green | amp | amp | 1.0 | 8.1 | spl | | Cut by 9 |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 31.0 | 55.76 | 1 | 9 | dk green | chl, clay | cs | 2.1 | 7.0 | spl, amp | | |
| 6R-1 (Piece 4a) | 15.0 | 33.0 | 19.0 | 55.39 | 1 | 10 | dk green | chl, pre | ccs | 0.1 | 3.0 | | | |
| 6R-1 (Piece 4b) | 33.0 | 38.0 | 37.0 | 55.95 | 1 | 11 | dk green | chl | ccs | 0.1 | 2.5 | spl, amp | | Discontinuous curved vein |
| 6R-1 (Piece 4b) | 33.0 | 38.0 | 37.5 | 55.96 | 1 | 12 | dk green | chl, clay | ccs | 0.3 | 6.0 | spl, amp | | Discontinuous curved vein |
| 6R-1 (Piece 4b) | 33.0 | 38.0 | 36.0 | 55.92 | 1 | 13 | dk green | chl | ccs | 0.1 | 4.0 | | | |
| 6R-1 (Piece 4c) | 38.0 | 42.0 | 38.0 | 55.98 | 1 | 14 | dk green | chl, pre, clay | ccs | 4.0 | 5.0 | spl | 4 | Composite vein |
| 6R-1 (Piece 4c) | 38.0 | 42.0 | 40.0 | 56.04 | 1 | 15 | dk green | chl | ccs | 0.5 | 3.0 | spl | 4 | |
| 6R-1 (Piece 4c) | 38.0 | 42.0 | 42.0 | 56.10 | 1 | 16 | dk green | chl, pre | ccs | — | 5.0 | spl | 4 | Back of working half |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|-----------------|---------------------|------|------------|-------------|---------------|-----------------|--|
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 50.5 | 56.37 | 1 | 1 | dk green | chl, pre, clay | ccs | 1.0 | 9.0 | spl, amp | | Composite vein, branching; variable width from 0.1 to 2 mm |
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 49.0 | 56.32 | 1 | 2 | green | amp | amp | 0.5 | 2.0 | spl, amp | | |
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 50.0 | 56.35 | 1 | 3 | dk green | chl, clay, pre, epd | ccs | 1.0 | 7.0 | spl, amp | | Anastomosing |
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 53.0 | 56.45 | 1 | 4 | dk green | chl, clay, pre, epd | ccs | 1.0 | 7.5 | spl, amp | | |
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 46.0 | 56.23 | 1 | 5 | dk green | chl, clay | cs | — | 5.0 | | | |
| 6R-1 (Piece 5a) | 44.0 | 58.0 | 57.0 | 56.57 | 1 | 6 | light green | chl, clay, cc | cs | — | 6.2 | | | |
| 6R-1 (Piece 5b) | 56.0 | 64.0 | 60.5 | 56.68 | 1 | 7 | lt green | chl, pre | ccs | — | 3.0 | | | |
| 6R-1 (Piece 5b) | 56.0 | 64.0 | 60.5 | 56.68 | 1 | 8 | lt green | amp | amp | 0.1 | 5.5 | | | |
| 6R-1 (Piece 5b) | 56.0 | 64.0 | 62.0 | 56.73 | 1 | 9 | lt green | chl, pre, cc | ccs | 3.0 | 5.0 | | | |
| 6R-1 (Piece 5b) | 56.0 | 64.0 | 62.5 | 56.74 | 1 | 10 | yellow | chl, clay | cs | 1.0 | 2.3 | | | |
| 6R-1 (Piece 6) | 65.0 | 70.0 | 66.0 | 56.85 | 1 | 1 | lt green | chl, pre | ccs | 1.0 | 4.4 | | | |
| 6R-1 (Piece 6) | 65.0 | 70.0 | 69.0 | 56.94 | 1 | 2 | lt green | chl, pre | ccs | 1.0 | 3.5 | spl, amp | 3 | Composite vein |
| 6R-1 (Piece 7) | 70.0 | 81.0 | 72.5 | 57.05 | 1 | 1 | lt green | chl, clay | cs | 0.2 | 3.7 | | | |
| 6R-1 (Piece 7) | 70.0 | 81.0 | 74.0 | 57.10 | 1 | 2 | lt green | chl, clay | cs | 0.1 | 3.0 | | | |
| 6R-1 (Piece 7) | 70.0 | 81.0 | 78.0 | 57.22 | 1 | 3 | dk green | chl, pre | ccs | 1.0 | 6.0 | | | |
| 6R-1 (Piece 7) | 70.0 | 81.0 | 76.0 | 57.16 | 1 | 4 | lt green, white | chl, clay, pre | ccs | 0.2 | 3.5 | | | |
| 6R-1 (Piece 7) | 70.0 | 81.0 | 76.0 | 57.16 | 1 | 5 | yel green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 96.0 | 57.78 | 1 | 1 | yellow | chl, clay | cs | — | 9.5 | | | Pc broken along vein |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 98.0 | 57.84 | 1 | 2 | dk green | chl, clay | cs | 1.0 | 4.5 | | | |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 90.0 | 57.60 | 1 | 3 | dk green | chl, clay | cs | 0.4 | 5.4 | | | |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 85.5 | 57.46 | 1 | 4 | dk green | chl, clay | cs | 0.4 | 5.0 | | | |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 90.0 | 57.60 | 1 | 5 | yel green | chl, clay | cs | — | — | | | On back of archive half |
| 6R-1 (Piece 8) | 81.0 | 102.0 | 82.0 | 57.35 | 1 | 6 | dk green | chl, clay | cs | 0.2 | 2.5 | | | Sinuuous |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 116.0 | 58.40 | 1 | 1 | dk green | chl, cc | ccs | 1.0 | 6.0 | spl | | Pinch swell |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 118.0 | 58.46 | 1 | 2 | dk green | chl | ccs | 0.2 | 7.5 | | | |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 120.0 | 58.53 | 1 | 3 | yellow | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 122.0 | 58.59 | 1 | 4 | lt green | chl | ccs | 0.2 | 4.0 | | | Branch off 6 |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 112.0 | 58.28 | 1 | 5 | lt green | chl, clay | cs | 1.0 | 3.9 | | | Cuts 1 |
| 6R-1 (Piece 10) | 106.0 | 126.0 | 118.0 | 58.46 | 1 | 6 | dk green | chl, clay | cs | 0.5 | 11.0 | | | Sinuuous, local late clay |
| 6R-1 (Piece 12) | 131.0 | 143.0 | 136.0 | 59.02 | 1 | 1 | yel green | chl, pre, epd, sph | ccs | 2.0 | 6.8 | chl, amp, sph | 8 | Composite, branches off 2 |
| 6R-1 (Piece 12) | 131.0 | 143.0 | 134.0 | 58.96 | 1 | 2 | yel green | chl, pre, epd, sph | ccs | 1.0 | 3.3 | chl, amp, sph | | Reopened part of 5 |
| 6R-1 (Piece 12) | 131.0 | 143.0 | 142.0 | 59.21 | 1 | 3 | yel green | chl, pre, epd, sph | ccs | — | 2.0 | | | Pc broken along vein |
| 6R-1 (Piece 12) | 131.0 | 143.0 | 143.0 | 59.24 | 1 | 4 | yel green | chl, pre, epd, sph | ccs | — | — | | | Back of archive half |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 22.0 | 59.92 | 1 | 1 | lt green | amp | amp | 0.1 | 5.0 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 20.0 | 59.86 | 1 | 2 | yel green | chl, clay | cs | 1.0 | 2.7 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 18.0 | 59.80 | 1 | 3 | dk green | chl, pre | ccs | 1.0 | 8.0 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 15.0 | 59.71 | 1 | 4 | dk green | chl, pre | ccs | 0.1 | 7.0 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 13.0 | 59.64 | 1 | 5 | lt green | chl, pre | ccs | 0.5 | 6.0 | | | Discontinuous |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 8.0 | 59.49 | 1 | 6 | dk green | chl, clay | cs | 1.0 | 3.0 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 1.0 | 59.27 | 1 | 7 | lt green | chl, pre, clay | ccs | 0.5 | 2.5 | | | |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 12.0 | 59.61 | 1 | 8 | green | chl | ccs | 0.5 | 5.5 | | | Anastomosing |
| 6R-2 (Piece 1) | 0.0 | 25.0 | 14.0 | 59.68 | 1 | 9 | yel green | chl, clay | cs | 1.0 | 2.0 | | | |
| 6R-2 (Piece 2) | 25.0 | 33.0 | 28.0 | 60.11 | 1 | 1 | dk green | chl, pre, sph | ccs | 3.0 | 2.0 | spl, amp | | Composite vein, late clay in center |
| 6R-2 (Piece 2) | 25.0 | 33.0 | 25.0 | 60.02 | 1 | 2 | yellow | chl, clay | ccs | 1.0 | 3.0 | | | |
| 6R-2 (Piece 2) | 25.0 | 33.0 | 29.0 | 60.14 | 1 | 3 | green | chl, pre | ccs | — | 6.0 | | | Branching |
| 6R-2 (Piece 2) | 25.0 | 33.0 | 30.0 | 60.17 | 1 | 4 | yellow | chl, clay | cs | — | 2.0 | | | |
| 6R-2 (Piece 4) | 38.0 | 48.0 | 43.0 | 60.58 | 1 | 2 | green | chl | ccs | 1.0 | 7.0 | | | |
| 6R-2 (Piece 4) | 38.0 | 48.0 | 45.0 | 60.64 | 1 | 3 | green | chl | ccs | 1.0 | 5.0 | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 64.0 | 61.23 | 1 | 1 | green | chl, clay | cs | 2.0 | 4.5 | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 65.0 | 61.26 | 1 | 2 | green | chl, pre | ccs | 0.4 | 3.1 | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 64.5 | 61.24 | 1 | 3 | green | chl, pre | ccs | 0.2 | 3.7 | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 63.0 | 61.20 | 1 | 4 | dk green | chl, clay | cs | — | — | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 62.0 | 61.17 | 1 | 5 | lt green | chl, clay | cs | — | — | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 50.0 | 60.79 | 1 | 6 | green | chl, clay | cs | 1.0 | 4.0 | | | Branching |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 54.0 | 60.92 | 1 | 7 | lt green | chl, pre | ccs | 0.5 | 6.6 | | | |
| 6R-2 (Piece 5) | 48.0 | 67.0 | 48.0 | 60.73 | 1 | 8 | dk green | chl, clay | cs | 0.5 | 6.6 | | | |
| 6R-2 (Piece 6) | 70.0 | 90.0 | 81.0 | 61.76 | 1 | 1 | lt green | chl, clay | cs | 0.1 | 13.0 | | | |
| 6R-2 (Piece 6) | 70.0 | 90.0 | 72.0 | 61.48 | 1 | 2 | dk green | chl, pre, epd | ccs | 3.5 | 3.5 | | | |
| 6R-2 (Piece 6) | 70.0 | 90.0 | 73.0 | 61.51 | 1 | 3 | yellow | chl, clay | cs | — | — | | | Pc broken along vein |
| 6R-2 (Piece 6) | 70.0 | 90.0 | 72.0 | 61.48 | 1 | 4 | green | chl, pre | ccs | — | — | | | Pc broken along vein |
| 6R-2 (Piece 6) | 70.0 | 90.0 | 90.0 | 62.04 | 1 | 5 | yellow | chl, pre | ccs | — | — | | | On back |
| 6R-2 (Piece 8) | 96.5 | 103.7 | 101.5 | 62.39 | 1 | 1 | yellow | clay | cs | — | 4.5 | | | |
| 6R-2 (Piece 8) | 96.5 | 103.7 | 99.0 | 62.32 | 1 | 2 | lt green | clay | cs | 0.1 | 5.5 | | | |
| 6R-2 (Piece 9) | 104.0 | 112.0 | 108.0 | 62.60 | 1 | 1 | lt green | chl, clay | cs | 0.1 | 5.3 | | | Pc broken along vein |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (msbf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|------------|-----------|------|------------|-------------|---------------|-----------------|---|
| 6R-2 (Piece 9) | 104.0 | 112.0 | 111.0 | 62.69 | 1 | 2 | green | chl | ccs | 0.8 | 2.2 | | | |
| 6R-2 (Piece 9) | 104.0 | 112.0 | 109.0 | 62.63 | 1 | 3 | green | chl | ccs | 0.1 | 5.5 | | | |
| 6R-2 (Piece 9) | 104.0 | 112.0 | 104.0 | 62.47 | 1 | 4 | yellow | clay | cs | 0.2 | 5.0 | | | |
| 6R-2 (Piece 10) | 112.0 | 124.0 | 118.0 | 62.91 | 1 | 1 | dk green | chl, pre | ccs | 0.4 | 7.5 | spl, amp | | Composite, branching |
| 6R-2 (Piece 10) | 112.0 | 124.0 | 115.0 | 62.81 | 1 | 2 | yellow | chl, clay | cs | 0.1 | 5.0 | | | |
| 6R-2 (Piece 10) | 112.0 | 124.0 | 118.0 | 62.91 | 1 | 3 | dk green | chl | ccs | 0.2 | 2.6 | | | |
| 6R-2 (Piece 13) | 136.0 | 140.0 | 138.0 | 63.53 | 1 | | gray | clay | cs | 2.0 | 2.4 | | | |
| 6R-3 (Piece 1) | 0.0 | 14.0 | 2.0 | 63.96 | 1 | | yellow | chl, clay | cs | 0.5 | 8.0 | | | |
| 7R-1 (Piece 1) | 0.0 | 7.0 | 3.0 | 64.85 | 1 | 1 | white | clay | cs | 0.3 | 4.3 | | | |
| 7R-1 (Piece 1) | 0.0 | 7.0 | 3.0 | 64.85 | 1 | 2 | white | clay | cs | 0.5 | 2.3 | | | |
| 7R-1 (Piece 1) | 0.0 | 7.0 | 3.5 | 64.86 | 1 | 3 | white | clay | cs | 0.1 | 2.5 | | | |
| 7R-1 (Piece 5) | 22.5 | 26.5 | 23.5 | 65.20 | 1 | | green | amp | amp | 1.0 | 1.4 | | | |
| 7R-1 (Piece 6) | 26.5 | 31.5 | 26.5 | 65.25 | 3 | | green | amp? | amp | 1.0 | 3.0 | | | |
| 7R-1 (Piece 9) | 40.0 | 50.0 | 42.0 | 65.51 | 1 | 1 | green | chl | ccs | 0.1 | 6.0 | | | |
| 7R-1 (Piece 10) | 50.0 | 53.0 | 51.0 | 65.67 | 2 | | green | chl, clay | cs | — | 1.5 | | | |
| 7R-1 (Piece 11) | 53.0 | 67.0 | 55.0 | 65.73 | 1 | 1 | green | amp | amp | 0.2 | 6.0 | | | |
| 7R-1 (Piece 11) | 53.0 | 67.0 | 67.0 | 65.94 | 1 | 2 | green | chl | ccs | 0.8 | 1.8 | | | |
| 7R-1 (Piece 12) | 67.0 | 74.0 | 73.0 | 66.04 | 1 | | black | chl | ccs | — | 3.0 | | | On surface |
| 7R-1 (Piece 14) | 86.5 | 104.6 | 91.5 | 66.35 | 1 | 1 | brn green | chl, clay | cs | 0.5 | 13.0 | | | Pc broken along vein |
| 7R-1 (Piece 14) | 67.0 | 74.0 | 86.5 | 66.27 | 1 | 2 | brn green | chl, clay | cs | — | 8.0 | | | Pc broken along vein |
| 7R-1 (Piece 14) | 67.0 | 74.0 | 86.5 | 66.27 | 1 | 3 | brn green | chl, clay | cs | — | 5.0 | | | On surface |
| 7R-1 (Piece 14) | 67.0 | 74.0 | 104.5 | 66.57 | 1 | 4 | brn green | chl, clay | cs | — | 6.0 | | | |
| 7R-1 (Piece 14) | 67.0 | 74.0 | 90.5 | 66.34 | 1 | 5 | brn green | chl, clay | cs | — | 9.5 | | | |
| 7R-1 (Piece 17) | 112.5 | 124.0 | 112.5 | 66.71 | 1 | 1 | brown | clay | cs | 1.0 | 5.0 | | | |
| 7R-1 (Piece 17) | 112.5 | 124.0 | 112.5 | 66.71 | 1 | 2 | brown | clay | cs | 1.0 | 4.0 | | | |
| 7R-1 (Piece 18) | 124.0 | 129.5 | 126.0 | 66.94 | 1 | 1 | brown | clay | cs | 0.5 | 3.0 | | | |
| 7R-1 (Piece 18) | 124.0 | 129.5 | 127.0 | 66.96 | 1 | 2 | brown | clay | cs | 0.5 | 2.0 | | | |
| 7R-1 (Piece 19) | 129.5 | 142.0 | 142.0 | 67.21 | 1 | | black | chl | ccs | 0.2 | 6.0 | | | |
| 7R-1 (Piece 19) | 129.5 | 142.0 | 129.5 | 67.00 | 1 | | brown | chl, clay | cs | 0.2 | 7.0 | | | |
| 7R-2 (Piece 1) | 0.0 | 17.0 | 1.0 | 67.19 | 1 | 1 | brown | chl, clay | cs | — | 5.0 | | | |
| 7R-2 (Piece 1) | 0.0 | 17.0 | 5.0 | 67.26 | 1 | 2 | brown | chl, clay | cs | 0.3 | 7.5 | | | |
| 7R-2 (Piece 1) | 0.0 | 17.0 | 9.0 | 67.33 | 1 | 3 | brown | chl, clay | cs | 0.3 | 8.0 | | | With vuggy zeolites |
| 7R-2 (Piece 1) | 0.0 | 17.0 | 12.0 | 67.38 | 1 | 4 | brown | chl, clay | cs | 0.3 | 3.0 | | | |
| 7R-2 (Piece 3) | 21.0 | 30.0 | 30.0 | 67.69 | 1 | | brown | chl, clay | cs | — | 2.0 | | | On surface |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 32.0 | 67.72 | 1 | 1 | dk green | chl | ccs | 0.3 | 4.5 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 36.0 | 67.79 | 1 | 2 | dk green | chl | ccs | 1.5 | 10.0 | | | Highly curved |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 34.5 | 67.76 | 1 | 3 | dk green | chl | ccs | 0.1 | 3.0 | | | Anastomosing |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 35.0 | 67.77 | 1 | 4 | yel brown | clay | cs | 0.1 | 4.3 | | | Vein network pervasive |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 35.0 | 67.77 | 1 | 5 | dk green | chl | ccs | 1.0 | 1.2 | | | Altered patches adjacent to veins: plag to spl and cpx to act |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 36.0 | 67.79 | 1 | 6 | dk green | chl | ccs | 0.8 | 2.3 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 37.5 | 67.81 | 1 | 7 | dk green | chl | ccs | 0.1 | 2.5 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 38.0 | 67.82 | 1 | 8 | dk green | chl | ccs | 0.5 | 2.1 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 38.5 | 67.83 | 1 | 9 | dk green | chl | ccs | 1.0 | 2.5 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 37.5 | 67.81 | 1 | 10 | dk green | chl | ccs | 1.2 | 1.5 | | | |
| 7R-2 (Piece 4) | 30.0 | 42.0 | 38.0 | 67.82 | 1 | 11 | dk green | chl | ccs | 2.0 | 5.0 | | | |
| 7R-2 (Piece 5) | 43.0 | 49.0 | 43.0 | 67.91 | 1 | 1 | dk green | chl | ccs | 2.0 | 4.0 | | | |
| 7R-2 (Piece 5) | 43.0 | 49.0 | 45.5 | 67.95 | 1 | 2 | gray green | chl | ccs | 0.4 | 4.0 | | | |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 54.0 | 68.09 | 1 | 1 | gray green | chl | ccs | 1.0 | 5.0 | | | Along broken surface |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 57.0 | 68.14 | 1 | 2 | gray green | chl | ccs | — | 5.2 | | | Along broken surface |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 52.0 | 68.06 | 1 | 3 | gray green | chl, clay | cs | 1.0 | 9.5 | | | Sinuuous |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 51.0 | 68.04 | 1 | 4 | dk green | chl, clay | cs | 0.3 | 3.2 | | | |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 59.0 | 68.18 | 1 | 5 | green | chl | ccs | 1.0 | 2.5 | spl, amp | 7 | |
| 7R-2 (Piece 6) | 50.0 | 67.0 | 58.0 | 68.16 | 1 | 6 | green | chl | ccs | 1.0 | 3.0 | | | |
| 7R-2 (Piece 7) | 67.0 | 78.0 | 69.0 | 68.35 | 1 | 1 | dk green | chl | ccs | 0.1 | 3.0 | | | |
| 7R-2 (Piece 7) | 67.0 | 78.0 | 68.0 | 68.33 | 1 | 2 | gray green | chl | ccs | 0.7 | 1.5 | | | |
| 8R-1 (Piece 1) | 0.0 | 7.0 | 0.5 | 68.51 | 1 | | dk green | chl, clay | cs | 0.5 | 2.0 | | | |
| 8R-1 (Piece 2) | 7.0 | 19.0 | 9.0 | 68.70 | 1 | 2 | dk green | chl | ccs | 0.3 | 5.0 | | | |
| 8R-1 (Piece 2) | 7.0 | 19.0 | 8.5 | 68.69 | 1 | 1 | dk green | chl, zeo | ccs | 0.3 | 5.0 | | | |
| 8R-1 (Piece 2) | 7.0 | 19.0 | 10.0 | 68.72 | 1 | 3 | dk green | chl | ccs | 1.0 | 4.5 | | | |
| 8R-1 (Piece 2) | 7.0 | 19.0 | 10.5 | 68.74 | 1 | 4 | dk green | chl | ccs | 0.2 | 3.0 | | | |
| 8R-1 (Piece 2) | 7.0 | 19.0 | 11.5 | 68.76 | 1 | 5 | dk green | chl | ccs | 0.3 | 2.0 | | | Sinuuous |
| 8R-1 (Piece 3) | 19.0 | 26.0 | 20.0 | 68.95 | 1 | | dk green | chl, pre | ccs | 1.0 | 3.5 | spl, amp | 2 | Pre in center |
| 8R-1 (Piece 4) | 26.0 | 33.5 | 33.5 | 69.25 | 1 | 1 | brn green | chl | ccs | 0.5 | 3.5 | | | |
| 8R-1 (Piece 4) | 26.0 | 33.5 | 27.0 | 69.11 | 1 | 2 | brn green | chl | ccs | 0.5 | 4.2 | | | |
| 8R-1 (Piece 4) | 26.0 | 33.5 | 26.0 | 69.08 | 1 | 3 | lt green | chl | ccs | 1.0 | 2.5 | | | |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 34.0 | 69.26 | 1 | 1 | dk green | chl | ccs | 1.0 | 5.0 | | | |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 34.0 | 69.26 | 1 | 2 | dk green | chl | ccs | 1.0 | 3.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (msbf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|----------------|---------------|------|------------|-------------|---------------|-----------------|---|
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 41.5 | 69.43 | 1 | 3 | green | chl, pre, epd | ccs | 3.0 | 5.0 | | | Epd after pre after chl. Gabbro clasts |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 40.5 | 69.41 | 1 | 4 | gray | chl, pre, epd | ccs | 5.0 | 12.0 | | | Sinuuous vertical breccia zone. Connects w/ chl+pre vein |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 48.0 | 69.58 | 1 | 5 | dk green | chl | ccs | 1.5 | 4.5 | | | Local pre in center |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 57.0 | 69.78 | 1 | 6 | dk green | chl | ccs | 2.0 | 5.5 | | | Local pre in center |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 65.0 | 69.96 | 1 | 7 | white | calcite | zc | 0.5 | 6.0 | | | Latest vein in piece. Cuts 8 and 10 |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 69.0 | 70.05 | 1 | 8 | gray | pre, clay | ccs | 1.5 | 5.5 | | | Branching vein with dark green pre center |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 39.5 | 69.39 | 1 | 9 | dk green | chl | ccs | 1.0 | 2.5 | | | Connects with 1 |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 68.0 | 70.03 | 1 | 10 | dk green | pre, clay | ccs | 1.0 | 5.0 | | | Local pre in center |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 69.0 | 70.05 | 1 | 11 | dk green | chl | ccs | 1.5 | 6.5 | | | Connects with 4 and 8. Pre center |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 35.0 | 69.29 | 1 | 12 | dk green | chl | ccs | 0.3 | 4.0 | | | Sinuuous |
| 8R-1 (Piece 5A) | 33.0 | 73.0 | 35.0 | 69.29 | 1 | 13 | dk green | chl | ccs | 2.0 | 6.0 | | | Sinuuous |
| 8R-1 (Piece 5B) | 73.0 | 85.5 | 73.0 | 70.14 | 1 | 14 | gray, green | chl, pre | ccs | 2.0 | 6.0 | | | Locally cataclastic & brecciated. Splits into pre vein and chl vein |
| 8R-1 (Piece 5B) | 73.0 | 85.5 | 76.0 | 70.20 | 1 | 15 | gray, green | chl, pre | ccs | 2.0 | 3.0 | | | Continues to 8 in pc. 5A. Vuggy botryoidal pre. Local sphal? |
| 8R-1 (Piece 6) | 85.5 | 93.0 | 90.0 | 70.52 | 1 | | gray | pre | ccs | 5.0 | 1.5 | | | Anastomosing |
| 8R-1 (Piece 8) | 99.5 | 106.5 | 101.5 | 70.78 | 1 | | dk green | chl | ccs | 0.3 | 3.0 | | | Anastomosing |
| 8R-1 (Piece 9) | 106.5 | 114.5 | 117.0 | 71.12 | 1 | 1 | dk green | chl | ccs | 0.3 | 3.0 | | | |
| 8R-1 (Piece 9) | 106.5 | 114.5 | 108.0 | 70.92 | 1 | 2 | dk green, gray | chl, pre | ccs | 0.5 | 4.5 | | | |
| 8R-1 (Piece 9) | 106.5 | 114.5 | 109.0 | 70.95 | 1 | 3 | green | chl | ccs | 0.3 | 3.0 | | | Branching pre vein. Connects w/ 2 |
| 8R-1 (Piece 10) | 114.5 | 139.5 | 114.5 | 71.07 | 1 | 1 | dk green, gray | chl, pre | ccs | 4.0 | 2.5 | | | Gabbro clasts; clay center |
| 8R-1 (Piece 10) | 114.5 | 139.5 | 116.5 | 71.11 | 1 | 2 | dk green, gray | chl, pre | ccs | 1.5 | 10.0 | | | Parallels 1 |
| 8R-1 (Piece 10) | 114.5 | 139.5 | 133.5 | 71.49 | 1 | 3 | dk green, gray | chl, pre, epd | ccs | 0.8 | 4.0 | | | Pre after epd after chl. Continues to pc 11 |
| 8R-1 (Piece 11) | 139.5 | 151.0 | 139.5 | 71.63 | 1 | 1 | dk green, gray | chl, pre, epd | ccs | 0.5 | 2.0 | | | |
| 8R-1 (Piece 11) | 139.5 | 151.0 | 140.5 | 71.65 | 3 | 2 | dk green | chl, epd | ccs | 0.1 | 4.0 | | | |
| 8R-1 (Piece 11) | 139.5 | 151.0 | 143.5 | 71.72 | 1 | 3 | gray | pre, epd | ccs | 5.0 | 7.0 | | | Rotated clasts |
| 8R-1 (Piece 11) | 139.5 | 151.0 | 148.0 | 71.82 | 1 | 4 | gray | pre, epd | ccs | 2.0 | 3.0 | | | Rotated clasts altered by epd |
| 8R-2 (Piece 1) | 0.0 | 15.5 | 0.0 | 71.87 | 2 | 1 | green | chl | ccs | 0.3 | 3.0 | | | Cuts 5 |
| 8R-2 (Piece 1) | 0.0 | 15.5 | 2.0 | 71.91 | 1 | 2 | gray | chl | ccs | 1.0 | 4.5 | epd, amp | | Anastomosing |
| 8R-2 (Piece 1) | 0.0 | 15.5 | 4.5 | 71.97 | 1 | 3 | dk green | chl, epd | ccs | 0.5 | 7.5 | | | |
| 8R-2 (Piece 1) | 0.0 | 15.5 | 8.0 | 72.04 | 1 | 4 | dk green | chl | ccs | 0.1 | 4.0 | | | Pc broken along vein |
| 8R-2 (Piece 1) | 0.0 | 15.5 | 0.0 | 71.87 | 1 | 5 | gray | chl, clay | cs | 1.0 | 2.0 | | | Brecciated clasts |
| 8R-2 (Piece 4) | 28.0 | 38.5 | 30.5 | 72.55 | 1 | 1 | dk green | chl, clay | cs | 0.2 | 3.0 | | | |
| 8R-2 (Piece 4) | 28.0 | 38.5 | 30.5 | 72.55 | 1 | 2 | yel brown | clay | cs | 0.4 | 3.0 | | | |
| 8R-2 (Piece 4) | 28.0 | 38.5 | 30.5 | 72.55 | 1 | 3 | yel brown | clay | cs | 0.4 | 3.0 | | | |
| 8R-2 (Piece 6) | 63.5 | 70.0 | 63.5 | 73.29 | 1 | 1 | green | amp | amp | 0.3 | 2.0 | | | |
| 8R-2 (Piece 6) | 63.5 | 70.0 | 66.5 | 73.36 | 1 | 2 | green | amp | amp | 0.3 | 2.5 | | | |
| 8R-2 (Piece 7) | 70.0 | 82.0 | 70.5 | 73.45 | 3 | | dk green | chl, epd | ccs | 0.2 | 2.0 | | | Many chips in this interval. 2 similar veins on a second chip |
| 8R-2 (Piece 8) | 82.0 | 92.0 | 82.0 | 73.70 | 1 | | dk green | chl, clay | cs | — | 2.5 | | | Edge of piece |
| 8R-2 (Piece 10) | 102.0 | 112.5 | 102.0 | 74.15 | 1 | | brn green | chl, clay | cs | 0.2 | 4.5 | | | |
| 9R-1 (Piece 1) | 0.0 | 6.0 | 2.0 | 74.42 | 1 | 1 | green | amp | amp | 2.0 | 2.5 | | | |
| 9R-1 (Piece 1) | 0.0 | 6.0 | 6.0 | 74.45 | 1 | 2 | dk green | chl | ccs | 0.5 | 2.0 | | | |
| 9R-1 (Piece 2) | 6.0 | 16.5 | 9.0 | 74.47 | 1 | 1 | brn green | chl, clay | cs | 0.3 | 5.0 | | | |
| 9R-1 (Piece 2) | 6.0 | 16.5 | 9.0 | 74.47 | 1 | 2 | green | amp | amp | — | — | | | On back of piece |
| 9R-1 (Piece 3) | 16.5 | 21.0 | 16.5 | 74.54 | 1 | | dk green | chl, pre | ccs | 0.7 | 2.0 | | | |
| 9R-1 (Piece 5) | 25.5 | 31.5 | 26.0 | 74.61 | 1 | | brown | chl, clay | cs | 0.4 | 4.0 | | | |
| 9R-1 (Piece 6) | 31.5 | 43.0 | 33.0 | 74.67 | 1 | 1 | lt green | chl, clay | cs | — | 4.0 | | | Pc broken along vein |
| 9R-1 (Piece 6) | 31.5 | 43.0 | 34.5 | 74.68 | 1 | 2 | lt green | chl, clay | cs | 0.1 | 4.0 | | | |
| 9R-1 (Piece 7) | 43.0 | 52.0 | 45.0 | 74.77 | 1 | 1 | brn green | chl, clay | cs | — | 4.0 | | | Pc broken along vein |
| 9R-1 (Piece 7) | 43.0 | 52.0 | 47.0 | 74.79 | 1 | 2 | brn green | chl, clay | cs | 0.2 | 4.0 | | | |
| 9R-1 (Piece 7) | 43.0 | 52.0 | 44.5 | 74.77 | 1 | 3 | brn green | chl, clay | cs | 0.2 | 4.0 | | | |
| 9R-1 (Piece 7) | 43.0 | 52.0 | 43.5 | 74.76 | 1 | 4 | brn green | chl, clay | cs | 0.5 | 3.5 | | | Xalcite center |
| 9R-1 (Piece 9) | 56.5 | 63.0 | 59.5 | 74.89 | 1 | 1 | dk green | chl | ccs | 0.5 | 2.5 | | | |
| 9R-1 (Piece 9) | 56.5 | 63.0 | 60.5 | 74.90 | 1 | 2 | dk green | chl, pre | ccs | 1.0 | 1.5 | | | Chl walls, pre center |
| 9R-1 (Piece 10) | 63.0 | 70.0 | 66.0 | 74.95 | 1 | | brn green | chl, clay | cs | 0.2 | 0.3 | | | |
| 9R-1 (Piece 11) | 70.0 | 80.0 | 71.0 | 74.99 | 1 | 1 | brn green | chl, clay | cs | 0.2 | 5.0 | | | |
| 9R-1 (Piece 11) | 70.0 | 80.0 | 75.0 | 75.02 | 1 | 2 | brn green | chl, clay | cs | 0.2 | 4.5 | | | Cuts 1 |
| 9R-1 (Piece 12) | 80.0 | 86.0 | 81.5 | 75.07 | 1 | | dk green | chl, epd | ccs | 0.2 | 3.5 | amp | | |
| 9R-1 (Piece 15) | 98.0 | 105.5 | 100.0 | 75.23 | 1 | | green | amp | amp | 0.1 | 3.5 | | | |
| 9R-1 (Piece 16) | 105.5 | 124.0 | 108.5 | 75.30 | 1 | 1 | green | chl, pre, epd | ccs | 1.0 | 9.5 | spl, epd | 2 | |
| 9R-1 (Piece 16) | 105.5 | 124.0 | 109.5 | 75.30 | 1 | 2 | dk green | chl, clay | cs | 0.2 | 8.0 | | | |
| 9R-1 (Piece 16) | 105.5 | 124.0 | 114.0 | 75.34 | 1 | 3 | dk green | chl, clay | cs | 0.2 | 5.0 | | | |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 6.0 | 75.47 | 1 | 1 | brn green | chl, pre, epd | ccs | 1.0 | 6.0 | spl, amp | 4 | Local brecciation, clasts albitized |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 4.0 | 75.46 | 1 | 2 | dk green | chl, clay | cs | 0.1 | 9.0 | | | |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 19.0 | 75.58 | 1 | 3 | dk green | chl, pre | ccs | 0.7 | 9.0 | | | |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 25.5 | 75.63 | 1 | 4 | dk green | chl, pre | ccs | 0.5 | 8.5 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (msf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|-------------|--------|------------|--------------|----------------|------|------------|-------------|---------------|-----------------|------------------------------------|
| 9R-2 (Piece 1) | 0.0 | 34.0 | 29.0 | 75.66 | 1 | 5 | dk green | chl, pre | ccs | 0.2 | 6.5 | spl, amp | 2 | Local brecciation |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 31.5 | 75.68 | 2 | 6 | dk green | chl | ccs | 1.0 | 3.0 | | | Continues to pc 2 |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 13.0 | 75.53 | 2 | 7 | dk green | chl, pre | ccs | — | 7.0 | | | |
| 9R-2 (Piece 1) | 0.0 | 34.0 | 25.0 | 75.63 | 2 | 8 | dk green | chl, epd | ccs | — | — | | | On back |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 34.0 | 75.71 | 1 | 1 | dk green | chl, pre | ccs | 1.0 | 2.0 | | | Anastomosing; same as 6 on piece 1 |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 36.0 | 75.72 | 1 | 2 | lt green | chl | ccs | 0.3 | 6.0 | | | Anastomosing |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 38.0 | 75.74 | 1 | 3 | lt green | chl, pre | ccs | 0.5 | 5.5 | | | Anastomosing |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 42.0 | 75.77 | 1 | 4 | lt green | chl | ccs | 0.5 | 9.0 | | | Anastomosing |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 43.5 | 75.78 | 1 | 5 | green | chl | ccs | 0.7 | 3.0 | | | |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 44.0 | 75.79 | 1 | 6 | dk green | chl, pre, epd | ccs | 0.5 | 6.0 | | | |
| 9R-2 (Piece 2) | 34.0 | 57.0 | 43.5 | 75.78 | 1 | 7 | green | chl, pre | ccs | — | — | | | |
| 9R-2 (Piece 3) | 57.0 | 64.0 | 58.0 | 75.90 | 1 | 2 | dk green | chl, clay | cs | 0.3 | 3.0 | | | |
| 9R-2 (Piece 4) | 64.0 | 77.0 | 65.0 | 75.96 | 1 | 1 | dk green | chl, epd | ccs | 0.3 | 3.5 | | | |
| 9R-2 (Piece 4) | 64.0 | 77.0 | 70.5 | 76.01 | 1 | 2 | brn green | chl, clay | cs | 0.5 | 7.0 | | | Branching |
| 9R-2 (Piece 4) | 64.0 | 77.0 | 69.0 | 75.99 | 1 | 3 | dk green | chl | ccs | 0.2 | 7.0 | | | |
| 9R-2 (Piece 4) | 64.0 | 77.0 | 75.0 | 76.04 | 1 | 4 | brn green | chl, clay | cs | 0.3 | 5.5 | | | |
| 9R-2 (Piece 4) | 64.0 | 77.0 | 69.0 | 75.99 | 1 | 5 | brn green | chl, clay | cs | — | 8.0 | | | Edge of piece |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 88.0 | 76.15 | 1 | 1 | green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 96.0 | 76.22 | 1 | 3 | green | chl, clay | cs | — | 9.0 | | | Pc broken along vein |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 106.0 | 76.30 | 1 | 4 | black | chl, clay | cs | — | 7.5 | | | Pc broken along vein |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 118.0 | 76.40 | 1 | 5 | black | chl, clay | cs | — | 14.0 | | | Pc broken along vein |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 78.0 | 76.07 | 1 | 6 | brn green | chl, clay | cs | 0.8 | 4.5 | | | |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 80.0 | 76.09 | 1 | 7 | brn green | chl, clay | cs | 0.3 | 4.0 | | | |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 79.0 | 76.08 | 1 | 8 | brn green | chl, clay | cs | 0.3 | 4.0 | | | |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 95.0 | 76.21 | 1 | 9 | brn green | chl, clay | cs | 0.5 | 2.0 | | | Splay off 1 |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 105.0 | 76.29 | 1 | 10 | brn green | chl, clay | cs | 0.3 | 5.2 | | | |
| 9R-2 (Piece 5) | 77.0 | 126.0 | 93.0 | 76.19 | 1 | 11 | brn green | chl, clay | cs | 0.2 | 4.0 | | | |
| 9R-3 (Piece 1A) | 0.0 | 39.0 | 5.0 | 76.51 | 1 | 1 | dk green | chl, clay | cs | 1.0 | 6.0 | | | |
| 9R-3 (Piece 1A) | 0.0 | 39.0 | 8.0 | 76.53 | 1 | 2 | dk green | chl, clay | cs | 0.4 | 5.5 | | | |
| 9R-3 (Piece 1A) | 0.0 | 39.0 | 11.0 | 76.56 | 1 | 3 | dk green | chl, clay | cs | 0.8 | 2.0 | | | |
| 9R-3 (Piece 1B) | 0.0 | 39.0 | 16.0 | 76.60 | 3 | 4 | green | chl, clay | cs | 1.0 | 7.0 | | | Continues to 1A |
| 9R-3 (Piece 1A) | 0.0 | 39.0 | 11.0 | 76.56 | 1 | 5 | dk green | chl, clay | cs | — | 7.0 | | | Continues to 1B. Pc broken on vein |
| 9R-3 (Piece 1B) | 0.0 | 39.0 | 23.0 | 76.66 | 1 | 6 | green | chl, clay | cs | — | 5.0 | | | |
| 9R-3 (Piece 1B) | 0.0 | 39.0 | 17.0 | 76.61 | 1 | 7 | green | chl, clay | cs | 0.7 | 10.0 | | | |
| 9R-3 (Piece 1B) | 0.0 | 39.0 | 19.0 | 76.62 | 1 | 8 | green | chl, clay | cs | 0.7 | 9.5 | | | |
| 9R-3 (Piece 1C) | 0.0 | 39.0 | 29.0 | 76.70 | 1 | 9 | green | chl, clay | cs | 0.4 | 9.0 | | | |
| 9R-3 (Piece 1C) | 0.0 | 39.0 | 29.0 | 76.70 | 1 | 10 | green, white | chl, clay, zeo | cs | 0.4 | 6.5 | | | |
| 9R-3 (Piece 1C) | 0.0 | 39.0 | 32.0 | 76.73 | 1 | 11 | green | chl, clay | cs | — | 4.0 | | | Pc broken along vein |
| 9R-3 (Piece 1C) | 0.0 | 39.0 | 25.0 | 76.67 | 1 | 12 | yel green | chl, clay | cs | 0.2 | 4.0 | | | |
| 9R-3 (Piece 1C) | 0.0 | 39.0 | 27.0 | 76.69 | 1 | 13 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 9R-3 (Piece 4) | 47.0 | 56.0 | 53.0 | 76.90 | 1 | 1 | green | amp | amp | 0.2 | 8.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 66.0 | 77.01 | 1 | 1 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 64.0 | 76.99 | 1 | 2 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 72.0 | 77.06 | 1 | 3 | green | chl, clay | cs | 0.3 | 7.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 84.0 | 77.16 | 1 | 4 | green | chl, clay | cs | — | 5.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 85.0 | 77.17 | 1 | 5 | green | chl, clay | cs | — | — | | | Pc broken along vein |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 87.0 | 77.18 | 1 | 6 | green | chl, clay | cs | 1.0 | 4.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 91.0 | 77.22 | 1 | 7 | green | chl, clay | cs | 1.0 | 5.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 96.0 | 77.26 | 1 | 8 | green | chl, clay | cs | 1.0 | 6.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 99.0 | 77.28 | 1 | 9 | green | chl, clay | cs | 1.0 | 5.0 | | | |
| 9R-3 (Piece 5) | 56.0 | 100.0 | 94.0 | 77.24 | 1 | 10 | green | chl, clay | cs | 1.0 | 9.0 | | | |
| 9R-3 (Piece 6) | 100.0 | 109.0 | 101.0 | 77.30 | 2 | 1 | dk green | chl, clay | cs | 1.0 | 4.0 | | | |
| 9R-3 (Piece 6) | 100.0 | 109.0 | 100.0 | 77.29 | 1 | 2 | dk green | chl, clay | cs | — | 9.0 | | | Pc broken along vein |
| 9R-3 (Piece 6) | 100.0 | 109.0 | 104.0 | 77.32 | 1 | 3 | dk green | chl, clay | cs | 0.3 | 2.5 | | | |
| 9R-3 (Piece 9) | 118.0 | 125.0 | 122.0 | 77.47 | 1 | 1 | yel green | chl, epd | ccs | 1.0 | 2.0 | | | |
| 9R-3 (Piece 10) | 125.0 | 133.0 | 128.0 | 77.52 | 1 | 1 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 9R-3 (Piece 10) | 125.0 | 133.0 | 127.0 | 77.51 | 1 | 2 | green | chl, clay | cs | 0.5 | 4.0 | | | |
| 9R-3 (Piece 11) | 133.0 | 143.0 | 134.0 | 77.57 | 1 | 1 | green | chl, clay | cs | 0.5 | 4.5 | | | |
| 9R-3 (Piece 11) | 133.0 | 143.0 | 135.0 | 77.58 | 1 | 2 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 9R-4 (Piece 2) | 6.5 | 30.0 | 10.0 | 77.73 | 1 | 1 | dk green | chl | ccs | 0.2 | 6.0 | | | |
| 9R-4 (Piece 2) | 6.5 | 30.0 | 14.5 | 77.77 | 1 | 2 | gray green | chl, pre, clay | ccs | 2.0 | 10.5 | | | Zoned (composite) vein |
| 9R-4 (Piece 2) | 6.5 | 30.0 | 19.0 | 77.80 | 1 | 3 | green | chl, pre, clay | ccs | 1.0 | 8.0 | | | |
| 9R-4 (Piece 3) | 30.0 | 50.0 | 30.0 | 77.89 | 1 | 1 | green | chl | ccs | 0.1 | 4.0 | | | |
| 9R-4 (Piece 3) | 30.0 | 50.0 | 43.0 | 78.00 | 1 | 2 | green | amp | amp | 1.5 | 5.0 | | | |
| 9R-4 (Piece 4) | 50.0 | 61.0 | 58.0 | 78.13 | 1 | 1 | gray green | chl, pre, clay | ccs | 0.7 | 3.0 | spl, amp | 2 | |
| 9R-4 (Piece 4) | 50.0 | 61.0 | 57.0 | 78.12 | 1 | 2 | dk green | chl | ccs | 0.2 | 7.5 | | | |
| 9R-4 (Piece 6) | 68.0 | 85.0 | 79.5 | 78.30 | 1 | 1 | dk green | chl, pre | ccs | 0.3 | 5.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|-----------|---------------------|------|------------|-------------|---------------|-----------------|------------------------------|
| 9R-4 (Piece 7) | 85.0 | 100.5 | 91.0 | 78.40 | 1 | 1 | white | chl, clay | cs | 1.0 | 4.5 | | | |
| 9R-4 (Piece 7) | 85.0 | 100.5 | 85.0 | 78.35 | 1 | 2 | green | chl | ccs | 0.1 | 6.0 | | | |
| 9R-4 (Piece 8) | 100.5 | 105.0 | 105.0 | 78.51 | 1 | | green | amp | amp | 1.5 | 2.0 | | | |
| 9R-4 (Piece 9) | 105.0 | 114.0 | 110.5 | 78.56 | 1 | 1 | dk green | chl | ccs | 0.2 | 3.0 | | | |
| 9R-4 (Piece 9) | 105.0 | 114.0 | 109.0 | 78.55 | 1 | 2 | green | amp | amp | 1.5 | 8.0 | | | |
| 9R-4 (Piece 11) | 122.0 | 137.0 | 131.0 | 78.73 | 1 | | green | amp | amp | 1.2 | 3.0 | | | Working half |
| 9R-4 (Piece 12) | 137.0 | 144.0 | 138.0 | 78.79 | 1 | | green | amp | amp | 1.3 | 6.0 | | | |
| 9R-5 (Piece 1) | 0.0 | 10.5 | 6.0 | 78.89 | 1 | 1 | green | amp | amp | 0.8 | 7.5 | | | |
| 9R-5 (Piece 1) | 0.0 | 10.5 | 0.0 | 78.84 | 1 | 2 | green | chl | ccs | 0.1 | 4.0 | | | |
| 10R-1 (Piece 4) | 16.0 | 20.0 | 17.0 | 79.57 | 1 | | green | chl, epd, qtz | ccs | 2.0 | 3.8 | spl, amp | 3 | |
| 10R-1 (Piece 8) | 32.0 | 37.0 | 32.0 | 79.98 | 1 | | green | chl, clay | cs | 0.2 | 4.0 | | | |
| 10R-1 (Piece 9) | 37.0 | 42.0 | 41.0 | 80.23 | 1 | | green | chl, clay | cs | 0.2 | 2.0 | | | |
| 10R-1 (Piece 10) | 42.0 | 52.0 | 47.0 | 80.40 | 1 | 1 | green | chl, pre | ccs | 1.0 | 5.7 | | | Chl, pre grades to chl, clay |
| 10R-1 (Piece 10) | 42.0 | 52.0 | 49.0 | 80.45 | 1 | 2 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 10R-1 (Piece 11A) | 52.0 | 74.0 | 52.0 | 80.54 | 1 | 1 | yel green | chl, clay | cs | 0.2 | — | | | |
| 10R-1 (Piece 11A) | 52.0 | 74.0 | 59.0 | 80.73 | 1 | 2 | green | chl, clay, zeo | cs | — | — | | | Pc broken along vein |
| 10R-1 (Piece 11A) | 52.0 | 74.0 | 53.5 | 80.58 | 1 | 3 | green | chl, clay | cs | 0.1 | 5.0 | amp, chl, spl | 5 | |
| 10R-1 (Piece 11A) | 52.0 | 74.0 | 56.0 | 80.65 | 1 | 4 | green | chl, clay, zeo | cs | 1.0 | 5.3 | | | |
| 10R-1 (Piece 13) | 79.0 | 98.0 | 80.0 | 81.31 | 1 | 1 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 10R-1 (Piece 13) | 79.0 | 98.0 | 87.0 | 81.50 | 1 | 2 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 10R-1 (Piece 13) | 79.0 | 98.0 | 93.0 | 81.67 | 1 | 3 | white | zeo | zc | 0.2 | 3.5 | | | |
| 10R-1 (Piece 13) | 79.0 | 98.0 | 88.0 | 81.53 | 1 | 4 | white | chl, clay | cs | — | 4.0 | | | |
| 10R-1 (Piece 13) | 79.0 | 98.0 | 87.0 | 81.50 | 1 | 5 | white | chl, clay | cs | — | — | | | Pc broken along vein |
| 10R-1 (Piece 15) | 104.0 | 113.0 | 104.0 | 81.97 | 1 | | white | zeo | zc | — | 6.0 | | | On edge of pc |
| 10R-1 (Piece 17C) | 117 | 131 | 121.0 | 82.44 | 1 | | yel green | chl, clay | cs | 0.1 | 4.3 | | | |
| 10R-2 (Piece 2) | 4.0 | 15.0 | 10.0 | 83.16 | 1 | 1 | dk green | chl, clay | cs | 0.2 | 7.0 | | | |
| 10R-2 (Piece 2) | 4.0 | 15.0 | 8.0 | 83.11 | 1 | 2 | dk green | chl, clay | cs | 0.2 | 6.0 | | | |
| 10R-2 (Piece 2) | 4.0 | 15.0 | 9.0 | 83.13 | 1 | 3 | dk green | chl, clay | cs | 0.2 | 5.0 | | | |
| 11R-1 (Piece 10) | 45.0 | 59.0 | 49.0 | 85.38 | 1 | 1 | green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 11R-1 (Piece 10) | 45.0 | 59.0 | 52.0 | 85.46 | 1 | 2 | green | chl, clay | cs | — | 10.0 | | | Pc broken along vein |
| 11R-1 (Piece 11) | 58.0 | 69.0 | 58.0 | 85.62 | 1 | 1 | green | chl | ccs | — | 7.0 | | | Pc broken along vein |
| 11R-1 (Piece 11) | 58.0 | 69.0 | 62.0 | 85.73 | 1 | 2 | green | chl | ccs | 0.3 | 5.0 | | | |
| 11R-1 (Piece 12) | 69.0 | 88.0 | 78.0 | 86.14 | 1 | 1 | green | chl, epd | ccs | 0.5 | 7.0 | | | |
| 11R-1 (Piece 12) | 69.0 | 88.0 | 81.0 | 86.22 | 1 | 2 | green | chl, pre | ccs | — | 7.0 | | | Pc broken along vein |
| 11R-1 (Piece 12) | 69.0 | 88.0 | 79.0 | 86.17 | 1 | 3 | green | chl, pre | ccs | 1.0 | 7.0 | | | |
| 11R-1 (Piece 12) | 69.0 | 88.0 | 64.0 | 85.78 | 1 | 4 | green | chl, clay | cs | 0.3 | 3.0 | | | |
| 11R-1 (Piece 14) | 91.0 | 106.0 | 94.0 | 86.56 | 1 | 1 | green | chl, epd | ccs | 0.3 | 6.0 | | | |
| 11R-1 (Piece 14) | 91.0 | 106.0 | 95.0 | 86.59 | 1 | 2 | green | chl, epd | ccs | 0.3 | 8.0 | | | |
| 11R-1 (Piece 14) | 91.0 | 106.0 | 100.0 | 86.72 | 1 | 3 | green | chl | ccs | 0.3 | 6.0 | | | |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 112.0 | 87.04 | 1 | 1 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 112.0 | 87.04 | 1 | 2 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 112.1 | 87.04 | 1 | 3 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 112.5 | 87.05 | 1 | 4 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 111.0 | 87.01 | 1 | 5 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 116.0 | 87.14 | 1 | 6 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 117.0 | 87.17 | 1 | 7 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 16) | 109.0 | 121.0 | 116.5 | 87.15 | 1 | 8 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 121.0 | 87.27 | 1 | 1 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 123.0 | 87.32 | 1 | 2 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 124.0 | 87.35 | 1 | 3 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 124.0 | 87.35 | 1 | 4 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 126.0 | 87.40 | 1 | 5 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 128.0 | 87.46 | 1 | 6 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | Subparallel to 1 |
| 11R-1 (Piece 17A) | 121.0 | 147.0 | 129.0 | 87.48 | 1 | 7 | green | chl, epd, pre | ccs | 0.8 | 7.0 | | | |
| 11R-2 (Piece 2) | 3.0 | 12.0 | 8.0 | 88.16 | 1 | | green | chl, pre | ccs | 1.0 | | | | Curved vein |
| 11R-2 (Piece 3) | 12.0 | 20.0 | 12.5 | 88.28 | 1 | | green | chl, pre | ccs | 0.5 | 3.5 | | | Branching |
| 11R-2 (Piece 4) | 20.0 | 27.0 | 23.5 | 88.57 | 1 | | green | chl, pre | ccs | 0.4 | 3.3 | | | Branching |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 27.0 | 88.66 | 1 | 1 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 28.0 | 88.69 | 1 | 2 | green | chl, epd, pre | ccs | 0.5 | 8.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 35.0 | 88.87 | 1 | 3 | green | chl, clay | cs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 39.0 | 88.98 | 1 | 4 | green | chl, epd, pre | ccs | 0.5 | 7.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 41.0 | 89.03 | 1 | 5 | green | chl, clay | cs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 33.0 | 88.82 | 1 | 6 | green | chl, clay | cs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 32.0 | 88.79 | 1 | 7 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 33.0 | 88.82 | 1 | 8 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 34.0 | 88.85 | 1 | 9 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 35.0 | 88.87 | 1 | 10 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|-------|---------------------|------|------------|-------------|---------------|-----------------|-----------------------------|
| 11R-2 (Piece 5) | 27.0 | 52.0 | 38.0 | 88.95 | 1 | 11 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 43.0 | 89.08 | 1 | 12 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 44.0 | 89.11 | 1 | 13 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 46.0 | 89.16 | 1 | 14 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 47.0 | 89.19 | 1 | 15 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 5) | 27.0 | 52.0 | 37.0 | 88.92 | 1 | 16 | green | chl, pre, epd, clay | ccs | 0.5 | 6.0 | | | |
| 11R-2 (Piece 7) | 59.0 | 67.0 | 59.0 | 89.50 | 1 | 1 | green | chl, clay | cs | 0.1 | 5.0 | | | |
| 11R-2 (Piece 8) | 67.0 | 79.0 | 67.0 | 89.71 | 1 | 1 | green | chl, clay | cs | — | 5.5 | | | |
| 11R-2 (Piece 8) | 67.0 | 79.0 | 67.0 | 89.71 | 1 | 2 | green | chl, clay | cs | 0.2 | 6.0 | | | |
| 11R-2 (Piece 9) | 79.0 | 89.0 | 85.0 | 90.18 | 1 | 1 | green | chl | ccs | — | — | | | On broken surface |
| 11R-2 (Piece 9) | 79.0 | 89.0 | 79.0 | 90.02 | 1 | 2 | green | chl, clay | cs | — | — | | | On broken surface |
| 11R-2 (Piece 10A) | 89.0 | 106.0 | 95.0 | 90.44 | 1 | 1 | green | chl, clay | cs | 0.1 | 1.5 | | | |
| 11R-2 (Piece 10C) | 89.0 | 106.0 | 92.0 | 90.37 | 1 | 2 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 11R-2 (Piece 10A) | 89.0 | 106.0 | 95.0 | 90.44 | 1 | 3 | green | chl, clay | cs | 0.1 | 0.5 | | | |
| 11R-2 (Piece 11) | 106.0 | 115.0 | 112.0 | 90.89 | 1 | 1 | green | chl, clay | cs | — | 4.0 | | | On a broken surface |
| 11R-2 (Piece 12) | 115.0 | 129.0 | 115.0 | 90.97 | 1 | 1 | green | chl, clay | cs | — | — | | | On back |
| 11R-2 (Piece 12) | 115.0 | 129.0 | 129.0 | 91.34 | 1 | 2 | green | chl, clay | cs | — | — | | | On side |
| 11R-2 (Piece 12) | 115.0 | 129.0 | 120.0 | 91.10 | 1 | 3 | white | zeo | zc | 0.1 | 5.5 | | | |
| 11R-3 (Piece 1) | 0.0 | 11.0 | 0.0 | 91.78 | 1 | 1 | brown | chl, clay | cs | — | — | | | On back of pc |
| 11R-3 (Piece 1) | 0.0 | 11.0 | 11.0 | 92.07 | 1 | 2 | brown | chl, clay | cs | — | — | | | On back of pc |
| 11R-3 (Piece 3) | 16.0 | 31.0 | 16.0 | 92.20 | 1 | 1 | green | chl, clay | cs | — | — | | | On back of pc |
| 11R-3 (Piece 6A) | 44.0 | 52.0 | 47.0 | 93.01 | 1 | 2 | green | amp | amp | 1.0 | 6.0 | | | Diffuse |
| 12R-1 (Piece 4) | 23.0 | 30.0 | 23.0 | 94.08 | 1 | 1 | green | chl, pre | ccs | 0.5 | 2.2 | | | Strong wall-rock alteration |
| 12R-1 (Piece 6A) | 41.0 | 52.0 | 43.0 | 94.32 | 1 | 1 | green | chl, clay | cs | 1.2 | 3.8 | | | |
| 12R-1 (Piece 6B) | 41.0 | 52.0 | 47.0 | 94.36 | 1 | 1 | green | chl, clay | cs | 0.3 | 1.8 | | | |
| 12R-1 (Piece 8) | 57.0 | 63.0 | 59.0 | 94.51 | 1 | 1 | green | chl, pre | ccs | 0.5 | 4.0 | | | |
| 12R-1 (Piece 8) | 57.0 | 63.0 | 60.0 | 94.52 | 1 | 2 | green | chl, pre | ccs | 1.0 | 4.0 | | | |
| 12R-1 (Piece 8) | 57.0 | 63.0 | 61.0 | 94.53 | 1 | 3 | green | chl, pre | ccs | 0.7 | 4.0 | | | |
| 12R-1 (Piece 8) | 57.0 | 63.0 | 61.0 | 94.53 | 1 | 4 | green | chl, pre | ccs | 0.8 | 4.0 | | | |
| 12R-1 (Piece 8) | 57.0 | 63.0 | 62.0 | 94.54 | 1 | 5 | green | chl, pre | ccs | 0.6 | 4.0 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 97.0 | 94.96 | 1 | 1 | green | chl, pre | ccs | 3.0 | 5.0 | spl, amp | 1.4 | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 104.0 | 95.05 | 1 | 2 | green | chl, clay | cs | 0.2 | 5.0 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 109.0 | 95.11 | 1 | 3 | green | chl, clay | cs | — | — | | | On broken sfc |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 115.0 | 95.18 | 1 | 4 | green | chl, clay | cs | — | — | | | On broken sfc |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 121.0 | 95.25 | 1 | 5 | green | chl, pre | ccs | 0.3 | — | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 101.0 | 95.01 | 1 | 6 | green | chl, clay | cs | 0.1 | 3.2 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 103.0 | 95.04 | 1 | 7 | green | chl, clay | cs | 0.1 | 4.5 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 110.0 | 95.12 | 1 | 8 | green | chl, pre | ccs | 2.0 | 3.3 | | | Cuts 6 & 7 |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 111.0 | 95.13 | 1 | 9 | green | chl, clay | cs | 0.3 | 3.8 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 114.0 | 95.17 | 1 | 10 | green | chl, clay | cs | 0.1 | 4.2 | | | |
| 12R-1 (Piece 12) | 96.0 | 126.0 | 119.0 | 95.23 | 1 | 11 | green | chl, pre | ccs | 1.0 | 5.0 | | | |
| 12R-1 (Piece 14) | 135.0 | 140.0 | 137.0 | 95.44 | 1 | 1 | green | chl, clay | cs | 0.2 | 3.0 | | | Wispy |
| 12R-1 (Piece 15A) | 140.0 | 147.0 | 142.0 | 95.50 | 1 | 1 | white | zeo | zc | 0.1 | 2.3 | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 53.0 | 96.24 | 1 | 1 | green | chl, pre | ccs | 1.5 | 7.0 | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 58.0 | 96.30 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 21.0 | 95.85 | 1 | 3 | green | chl, pre | ccs | — | — | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 35.0 | 96.02 | 1 | 4 | green | chl, pre | ccs | — | — | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 34.0 | 96.01 | 1 | 5 | green | chl, clay | cs | — | — | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 33.0 | 96.00 | 1 | 6 | green | chl, clay | cs | — | — | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 62.0 | 96.34 | 1 | 8 | green | chl, clay | cs | 0.4 | 5.0 | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 64.0 | 96.37 | 1 | 9 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 24.0 | 95.89 | 1 | 10 | green | chl, clay | cs | 0.4 | 13.0 | | | |
| 12R-2 (Piece 4) | 17.0 | 68.0 | 34.0 | 96.01 | 1 | 11 | green | chl, pre | ccs | 0.8 | 6.0 | | | |
| 12R-2 (Piece 9) | 87.0 | 107.0 | 87.0 | 96.64 | 1 | 1 | green | chl, clay | cs | — | — | | | |
| 12R-2 (Piece 9) | 87.0 | 107.0 | 98.0 | 96.78 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 12R-2 (Piece 9) | 87.0 | 107.0 | 90.0 | 96.68 | 1 | 3 | green | chl, clay | cs | 0.2 | 12.0 | | | |
| 12R-2 (Piece 9) | 87.0 | 107.0 | 96.0 | 96.75 | 2 | 4 | green | chl, clay | cs | 0.2 | 8.0 | | | |
| 12R-2 (Piece 10) | 107.0 | 134.5 | 134.0 | 97.21 | 1 | 1 | green | chl, pre | ccs | — | — | | | |
| 12R-2 (Piece 10) | 107.0 | 134.5 | 131.0 | 97.17 | 1 | 2 | green | chl, clay | cs | 0.4 | 7.5 | | | |
| 12R-2 (Piece 10) | 107.0 | 134.5 | 130.0 | 97.16 | 1 | 3 | green | chl, pre | ccs | 0.3 | 5.6 | | | |
| 12R-2 (Piece 10) | 107.0 | 134.5 | 108.0 | 96.90 | 1 | 4 | green | chl, clay | cs | 0.5 | 8.5 | | | Cuts 2 Branching |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 8.0 | 97.42 | 1 | 1 | green | chl, clay | cs | 0.5 | 12.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 18.0 | 97.54 | 1 | 2 | green | chl, pre | ccs | — | 21.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 10.0 | 97.45 | 1 | 3 | green | chl, clay | cs | 0.5 | 4.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 19.0 | 97.56 | 1 | 4 | green | chl, clay | cs | 0.4 | 3.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 26.0 | 97.64 | 1 | 5 | green | chl, clay | cs | 0.5 | 4.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 30.0 | 97.69 | 1 | 6 | green | chl, clay | cs | 0.2 | 7.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|------------------|--------------------|------|------------|-------------|---------------|-----------------|------------------------------------|
| 12R-3 (Piece 1) | 0.0 | 46.0 | 32.0 | 97.71 | 1 | 7 | green | chl, clay | cs | 0.4 | 5.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 34.0 | 97.74 | 1 | 8 | green | chl, clay | cs | 0.1 | 5.0 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 39.0 | 97.80 | 1 | 9 | green | chl, clay | cs | 0.6 | 3.5 | | | |
| 12R-3 (Piece 1) | 0.0 | 46.0 | 45.0 | 97.87 | 1 | 10 | green | chl, clay | cs | — | 13.0 | | | |
| 12R-3 (Piece 2) | 46.0 | 60.0 | 60.0 | 98.05 | 1 | 1 | green | chl, clay | cs | — | 4.0 | | | |
| 12R-3 (Piece 2) | 46.0 | 60.0 | 50.0 | 97.93 | 1 | 2 | green | chl, clay | cs | 0.2 | 6.3 | | | |
| 12R-3 (Piece 2) | 46.0 | 60.0 | 54.0 | 97.98 | 1 | 3 | green | chl, clay | cs | 0.2 | 5.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 60.0 | 98.05 | 1 | 1 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 72.0 | 98.19 | 1 | 2 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 69.0 | 98.16 | 1 | 3 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 66.0 | 98.12 | 1 | 4 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 68.0 | 98.14 | 1 | 5 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 3) | 60.0 | 75.0 | 70.0 | 98.17 | 1 | 6 | green | chl, clay | cs | 0.1 | 7.0 | | | |
| 12R-3 (Piece 4) | 75.0 | 95.0 | 80.0 | 98.29 | 1 | 1 | green | chl, clay | cs | — | — | | | |
| 12R-3 (Piece 4) | 75.0 | 95.0 | 87.0 | 98.37 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 12R-3 (Piece 4) | 75.0 | 95.0 | 93.5 | 98.45 | 1 | 3 | green | chl, clay | cs | 0.3 | 5.1 | | | |
| 12R-3 (Piece 4) | 75.0 | 95.0 | 84.0 | 98.34 | 1 | 4 | green | chl, clay | cs | 0.3 | 5.1 | | | |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 99.0 | 98.52 | 1 | 1 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 102.0 | 98.55 | 1 | 2 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | Subparallel to 1 |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 103.0 | 98.56 | 1 | 3 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | Subparallel to 1 |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 103.0 | 98.56 | 1 | 4 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | Subparallel to 1 |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 103.0 | 98.56 | 1 | 5 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | Subparallel to 1 |
| 12R-3 (Piece 5) | 95.0 | 108.0 | 100.0 | 98.53 | 1 | 6 | green | chl, pre, spl, qtz | ccs | 0.5 | 6.0 | | | Subparallel to 1 |
| 12R-3 (Piece 7) | 112.0 | 136.0 | 122.0 | 98.79 | 1 | 1 | green | chl, pre | ccs | 1.0 | 6.0 | | | |
| 12R-3 (Piece 7) | 112.0 | 136.0 | 124.0 | 98.82 | 1 | 2 | green | chl, clay | cs | 0.1 | 6.3 | | | |
| 12R-3 (Piece 7) | 112.0 | 136.0 | 132.0 | 98.91 | 1 | 3 | green | chl, clay | cs | 0.1 | 6.1 | | | |
| 12R-3 (Piece 7) | 112.0 | 136.0 | 116.0 | 98.72 | 1 | 4 | green | chl, clay | cs | 0.1 | 6.0 | | | |
| 12R-3 (Piece 7) | 112.0 | 136.0 | 123.0 | 98.80 | 1 | 5 | green | chl, clay | cs | 0.1 | 6.0 | | | |
| 12R-3 (Piece 8) | 136.0 | 150.0 | 142.0 | 99.03 | 1 | 1 | green | chl, pre | ccs | — | 6.0 | | | |
| 12R-3 (Piece 8) | 136.0 | 150.0 | 150.0 | 99.13 | 1 | 2 | green | chl, clay | cs | 0.1 | 3.0 | | | |
| 12R-4 (Piece 1) | 0.0 | 7.0 | 3.5 | 99.17 | 1 | 1 | dk green | amp | amp | 1.0 | 5.0 | | | |
| 12R-4 (Piece 2) | 7.0 | 16.0 | 9.0 | 99.24 | 1 | 2 | dk green | chl, clay | cs | 0.1 | 4.0 | | | |
| 12R-4 (Piece 2) | 7.0 | 16.0 | 12.0 | 99.27 | 1 | 1 | lt green | chl, clay | cs | 0.1 | 5.0 | | | |
| 12R-4 (Piece 3) | 16.0 | 30.5 | 16.5 | 99.33 | 1 | 1 | lt green | chl, clay | cs | 0.2 | 3.0 | | | |
| 12R-4 (Piece 3) | 16.0 | 30.5 | 26.0 | 99.44 | 1 | 2 | dk green | chl, clay | cs | 0.5 | 2.5 | | | |
| 12R-4 (Piece 3) | 16.0 | 30.5 | 16.0 | 99.32 | 1 | 3 | dk green | chl, clay | cs | — | — | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 40.0 | 99.61 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 12.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 40.0 | 99.61 | 1 | 2 | green | chl, clay | cs | 0.5 | 3.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 43.0 | 99.64 | 1 | 3 | green | chl, clay | cs | 0.5 | 2.5 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 43.0 | 99.64 | 1 | 5 | green | chl, clay | cs | 0.5 | 4.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 46.0 | 99.68 | 1 | 6 | green | chl, clay | cs | 0.5 | 8.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 55.0 | 99.79 | 1 | 7 | green | chl, clay | cs | 0.5 | 8.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 56.0 | 99.80 | 1 | 8 | green | chl, clay | cs | 0.5 | 3.5 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 55.0 | 99.79 | 1 | 9 | green | chl, pre | ccs | 1.0 | 6.0 | | | |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 44.0 | 99.66 | 1 | 10 | dk green | chl, clay | cs | — | — | | | On back |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 45.0 | 99.67 | 1 | 11 | green | amp | amp | — | — | | | Cut by 1,3,5,6 |
| 12R-4 (Piece 4A) | 30.5 | 59.0 | 33.0 | 99.52 | 1 | 12 | green | amp | amp | — | — | | | Diffuse, subparallel to 11 |
| 12R-4 (Piece 5-7) | 59.0 | 77.0 | 59.0 | 99.84 | 4 | | green | chl, clay | cs | — | — | | | 4 veins on broken pieces |
| 12R-4 (Piece 10) | 88.5 | 100.0 | 88.5 | 100.19 | 3 | | green | chl, clay | cs | — | — | | | On edges, slickensided |
| 12R-4 (Piece 11) | 100.0 | 107.0 | 104.0 | 100.38 | 1 | | green | chl, clay | cs | 0.5 | 1.5 | | | |
| 12R-4 (Piece 12) | 107.0 | 116.0 | 112.0 | 100.47 | 1 | 1 | dk green | chl, clay | cs | 1.0 | 5.0 | | | Pc broken along vein |
| 12R-4 (Piece 12) | 107.0 | 116.0 | 110.0 | 100.45 | 1 | 2 | yellow green | chl, clay | cs | 0.3 | 6.0 | | | |
| 12R-4 (Piece 13) | 116.0 | 127.0 | 123.0 | 100.60 | 1 | 1 | yellow green | chl, clay | cs | ? | 7.5 | | | Pc broken along vein |
| 12R-4 (Piece 13) | 116.0 | 127.0 | 122.0 | 100.59 | 1 | 2 | dk green | chl, clay | cs | 0.3 | 5.0 | | | |
| 12R-4 (Piece 14) | 127.0 | 137.0 | 134.0 | 100.74 | 1 | 1 | dk green + white | chl, clay | cs | 0.7 | 6.0 | | | |
| 12R-4 (Piece 14) | 127.0 | 137.0 | 128.0 | 100.66 | 1 | 2 | dk green | chl, clay | cs | 0.3 | 2.0 | | | |
| 12R-4 (Piece 14) | 127.0 | 137.0 | 132.0 | 100.71 | 1 | 3 | dk green | chl, clay | cs | 0.1 | 5.0 | | | Cuts & offsets 4 |
| 12R-4 (Piece 14) | 127.0 | 137.0 | 130.5 | 100.69 | 1 | 4 | dk green | chl, clay | cs | 0.2 | 6.0 | | | |
| 12R-4 (Piece 15) | 137.0 | 146.5 | 137.0 | 100.77 | 1 | 1 | green | chl, clay | cs | 0.4 | 4.5 | | | Anastomosing |
| 12R-4 (Piece 15) | 137.0 | 146.5 | 140.0 | 100.81 | 1 | 2 | green | chl, clay | cs | 0.1 | 4.0 | | | |
| 12R-4 (Piece 16) | 146.5 | 151.0 | 147.5 | 100.90 | 1 | | dk green | chl, clay | cs | 0.3 | 5.0 | | | |
| 12R-5 (Piece 1) | 0.0 | 7.0 | 0.0 | 100.93 | 1 | 1 | green | chl, clay | cs | 0.3 | 4.0 | | | |
| 12R-5 (Piece 1) | 0.0 | 7.0 | 0.0 | 100.93 | 1 | 2 | green | chl, clay | cs | 0.3 | 2.5 | | | |
| 12R-5 (Piece 1) | 0.0 | 7.0 | 4.0 | 100.98 | 1 | 3 | green | chl, clay | cs | 0.3 | 3.0 | | | |
| 12R-5 (Piece 4) | 16.5 | 22.0 | 16.5 | 101.13 | 7 | | gray | pre | ccs | 2.0 | 4.0 | | | Dense network, local gabbro clasts |
| 12R-5 (Piece 5) | 22.0 | 27.0 | 22.0 | 101.19 | 1 | 1 | gray | pre, epd | ccs | 2.0 | 2.5 | | | |
| 12R-5 (Piece 5) | 22.0 | 27.0 | 25.5 | 101.23 | 1 | 2 | dk green | chl, clay | cs | 0.3 | 4.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|--------------------------|---------------|------|------------|-------------|---------------|-----------------|--|
| 12R-5 (Piece 6) | 27.0 | 32.0 | 27.0 | 101.25 | 1 | 1 | gray | pre | ccs | 1.0 | 3.5 | | | |
| 12R-5 (Piece 6) | 27.0 | 32.0 | 27.0 | 101.25 | 1 | 2 | gray | pre | ccs | 1.0 | 2.0 | | | |
| 12R-5 (Piece 6) | 27.0 | 32.0 | 30.0 | 101.29 | 1 | 3 | white | zeo | zc | 0.1 | 2.0 | | | Sinuuous, cuts 1 |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 34.5 | 101.34 | 1 | 1 | dk green + white | chl, zeo | ccs | 0.3 | 8.0 | | | |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 43.5 | 101.45 | 1 | 2 | dk grn + blue | chl, pre, epd | ccs | 1.0 | 8.0 | | | |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 44.5 | 101.46 | 5 | 3 | gray dk green + blue | chl, pre, epd | ccs | 1.0 | 8.0 | | | 5 interconnected veins |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 49.0 | 101.52 | 3 | 4 | gray dk green + blue | chl, pre, epd | ccs | 1.0 | 12.0 | | | 3 interconnected veins |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 52.5 | 101.56 | 1 | 5 | gray dk green + blue | chl, pre, epd | ccs | 2.0 | 12.0 | | | |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 54.0 | 101.58 | 1 | 6 | gray dk green + white | chl, zeo | ccs | 0.5 | 2.5 | | | |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 60.0 | 101.65 | 1 | 7 | light green | chl | ccs | 0.3 | 13.5 | | | |
| 12R-5 (Piece 7) | 32.0 | 72.0 | 56.0 | 101.60 | 1 | 8 | dk green | chl | ccs | — | — | | | Cut & offset by 4 |
| 12R-5 (Piece 8) | 72.0 | 76.0 | 73.0 | 101.80 | 1 | — | green | chl, clay | cs | 0.2 | 3.5 | | | |
| 12R-5 (Piece 9) | 76.0 | 92.0 | 88.0 | 101.98 | 1 | 1 | dk green | chl, clay | cs | 0.2 | 6.0 | | | |
| 12R-5 (Piece 9) | 76.0 | 92.0 | 87.0 | 101.97 | 1 | 2 | dk green | chl, clay | cs | 0.2 | 11.5 | | | |
| 12R-5 (Piece 9) | 76.0 | 92.0 | 76.0 | 101.84 | 1 | 3 | dk green | chl, clay | cs | — | — | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 97.0 | 102.09 | 1 | 1 | green | chl, clay | cs | 0.2 | 6.0 | | | Wavy |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 99.0 | 102.12 | 1 | 2 | green | chl, clay | cs | 0.2 | 4.0 | | | Wavy |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 104.5 | 102.18 | 1 | 3 | dk green | chl, clay | cs | 0.2 | 6.0 | | | Wavy |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 110.0 | 102.25 | 1 | 4 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 111.0 | 102.26 | 1 | 5 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 112.0 | 102.27 | 1 | 6 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-6 (Piece 1) | 0.0 | 11.0 | 7.0 | 102.73 | 1 | — | dk green | chl | ccs | 2.0 | 5.0 | | | Wavy |
| 12R-6 (Piece 2) | 11.0 | 17.5 | 11.0 | 102.78 | 1 | — | dk green | chl | ccs | 0.7 | 3.5 | | | Light green center |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 33.0 | 103.04 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 13.0 | | | Continues to 4 on 5C, measured as single feature |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 35.0 | 103.06 | 1 | 2 | dk green | chl, clay | cs | 0.5 | 13.0 | | | Continues to 3 on 5C, measured as single feature |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 39.0 | 103.11 | 1 | 5 | dk green | chl, clay | cs | 0.5 | 12.0 | | | |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 26.0 | 102.96 | 1 | 6 | green | chl, clay | cs | 0.1 | 10.0 | | | |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 56.0 | 103.32 | 1 | 1 | green | chl, clay | cs | 0.3 | 5.0 | | | Wavy |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 54.0 | 103.29 | 1 | 2 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 55.0 | 103.30 | 1 | 3 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 13R-1 (Piece 2) | 8.0 | 15.5 | 9.0 | 103.61 | 1 | — | dk green | chl | ccs | 0.2 | 3.5 | | | |
| 13R-1 (Piece 7) | 41.5 | 51.0 | 42.0 | 104.38 | 1 | — | dk green | chl, clay | cs | 0.5 | 8.0 | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 60.0 | 104.80 | 1 | 1 | dk green | chl, clay | cs | 5.0 | 4.0 | | | Very irregular vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 68.0 | 104.99 | 1 | 2 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 70.0 | 105.03 | 1 | 3 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 68.0 | 104.99 | 1 | 4 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 77.0 | 105.20 | 1 | 1 | light green | chl, clay | cs | — | 3.0 | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 92.0 | 105.55 | 1 | 2 | light green | chl, clay | cs | — | 3.0 | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 76.0 | 105.17 | 1 | 3 | light green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 100.5 | 105.74 | 1 | 1 | green | chl, pre | ccs | — | 4.5 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 103.5 | 105.81 | 1 | 2 | green | chl, clay | cs | — | 10.0 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 107.0 | 105.89 | 1 | 3 | green | chl, clay | cs | 0.3 | 9.0 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 108.0 | 105.92 | 1 | 4 | green | chl, clay | cs | 0.3 | 6.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 109.0 | 105.94 | 1 | 5 | green | chl, clay | cs | 0.3 | 7.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 100.0 | 105.73 | 1 | 6 | green | chl, clay | cs | 0.3 | 7.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 106.0 | 105.87 | 1 | 7 | green | chl, clay | cs | 0.2 | 3.0 | | | |
| 13R-1 (Piece 14) | 124.0 | 138.0 | 127.0 | 106.36 | 1 | 1 | green | chl, clay | cs | 0.1 | 4.0 | | | |
| 13R-1 (Piece 14) | 124.0 | 138.0 | 124.0 | 106.29 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 13R-2 (Piece 1) | 0.0 | 14.0 | 6.0 | 106.76 | 1 | 1 | dk green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 13R-2 (Piece 1) | 0.0 | 14.0 | 1.0 | 106.64 | 1 | 2 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 4) | 23.0 | 28.5 | 27.0 | 107.25 | 1 | — | blue gray | chl, pre | ccs | 5.0 | 2.0 | spl, amp | 3 | |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 31.0 | 107.34 | 1 | 1 | green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 35.0 | 107.43 | 1 | 2 | green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 43.0 | 107.62 | 1 | 3 | green | chl, clay | cs | — | 3.0 | | | Edge of pc |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 60.0 | 108.02 | 1 | 1 | dk green | chl, clay | cs | 0.1 | 4.0 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 62.0 | 108.06 | 1 | 2 | dk green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 68.0 | 108.20 | 1 | 3 | dk green | chl, clay | cs | — | — | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 74.0 | 108.34 | 1 | 5 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 77.0 | 108.41 | 1 | 6 | green | chl, clay | cs | — | 9.5 | | | Pc broken along vein |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 80.0 | 108.48 | 1 | 7 | green | chl, clay | cs | — | 4.5 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 58.0 | 107.97 | 1 | 8 | green | chl, clay | cs | 0.5 | 4.5 | | | |
| 13R-2 (Piece 8) | 87.0 | 100.0 | 87.0 | 108.65 | 1 | 1 | light green | chl, clay | cs | — | 4.5 | | | Pc broken along vein |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|-------------|-----------|------|------------|-------------|---------------|-----------------|--|
| 13R-2 (Piece 8) | 87.0 | 100.0 | 97.0 | 108.88 | 1 | 2 | green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 109.0 | 109.16 | 1 | 1 | green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 107.0 | 109.11 | 1 | 2 | green | amp | amp | 0.7 | 6.5 | | | |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 109.0 | 109.16 | 1 | 3 | green | chl, clay | cs | — | 5.5 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 115.0 | 109.30 | 1 | 1 | gray | chl, pre | ccs | 5.0 | 4.0 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 123.0 | 109.49 | 1 | 2 | dk green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 131.0 | 109.67 | 1 | 3 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 140.0 | 109.88 | 1 | 4 | dk green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 130.0 | 109.65 | 1 | 5 | dk green | chl, clay | cs | 0.3 | 5.5 | | | White center |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 138.0 | 109.84 | 1 | 6 | dk green | chl, clay | cs | 0.3 | 5.0 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 128.0 | 109.60 | 1 | 7 | dk green | chl, clay | cs | 0.3 | 5.5 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 147.0 | 110.05 | 1 | 8 | green | chl, pre | ccs | 0.3 | 2.5 | | | |
| 13R-3 (Piece 1) | 0.0 | 24.5 | 3.0 | 110.07 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 9.0 | | | |
| 13R-3 (Piece 1) | 0.0 | 24.5 | 3.0 | 110.07 | 1 | 2 | green | chl, clay | cs | 0.3 | 6.0 | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 110.0 | 102.25 | 1 | 4 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 111.0 | 102.26 | 1 | 5 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-5 (Piece 11) | 97.0 | 130.0 | 112.0 | 102.27 | 1 | 6 | dk green | chl, clay | cs | 0.2 | 10.0 | | | |
| 12R-6 (Piece 1) | 0.0 | 11.0 | 7.0 | 102.73 | 1 | | dk green | chl | ccs | 2.0 | 5.0 | | | Wavy |
| 12R-6 (Piece 2) | 11.0 | 17.5 | 11.0 | 102.78 | 1 | | dk green | chl | ccs | 0.7 | 3.5 | | | Light green center |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 33.0 | 103.04 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 13.0 | | | Continues to 4 on 5C, measured as single feature |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 35.0 | 103.06 | 1 | 2 | dk green | chl, clay | cs | 0.5 | 13.0 | | | Continues to 3 on 5C, measured as single feature |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 39.0 | 103.11 | 1 | 5 | dk green | chl, clay | cs | 0.5 | 12.0 | | | |
| 12R-6 (Piece 5) | 25.5 | 53.5 | 26.0 | 102.96 | 1 | 6 | green | chl, clay | cs | 0.1 | 10.0 | | | |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 56.0 | 103.32 | 1 | 1 | green | chl, clay | cs | 0.3 | 5.0 | | | Wavy |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 54.0 | 103.29 | 1 | 2 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 12R-6 (Piece 6) | 53.5 | 63.0 | 55.0 | 103.30 | 1 | 3 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 13R-1 (Piece 2) | 8.0 | 15.5 | 9.0 | 103.61 | 1 | | dk green | chl | ccs | 0.2 | 3.5 | | | |
| 13R-1 (Piece 7) | 41.5 | 51.0 | 42.0 | 104.38 | 1 | | dk green | chl, clay | cs | 0.5 | 8.0 | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 60.0 | 104.80 | 1 | 1 | dk green | chl, clay | cs | 5.0 | 4.0 | | | Very irregular vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 68.0 | 104.99 | 1 | 2 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 70.0 | 105.03 | 1 | 3 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 9) | 56.5 | 71.0 | 68.0 | 104.99 | 1 | 4 | dk green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 77.0 | 105.20 | 1 | 1 | light green | chl, clay | cs | — | 3.0 | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 92.0 | 105.55 | 1 | 2 | light green | chl, clay | cs | — | 3.0 | | | Pc broken along vein |
| 13R-1 (Piece 11) | 74.5 | 97.0 | 76.0 | 105.17 | 1 | 3 | light green | chl, clay | cs | — | — | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 100.5 | 105.74 | 1 | 1 | green | chl, pre | ccs | — | 4.5 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 103.5 | 105.81 | 1 | 2 | green | chl, clay | cs | — | 10.0 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 107.0 | 105.89 | 1 | 3 | green | chl, clay | cs | 0.3 | 9.0 | | | Pc broken along vein |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 108.0 | 105.92 | 1 | 4 | green | chl, clay | cs | 0.3 | 6.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 109.0 | 105.94 | 1 | 5 | green | chl, clay | cs | 0.3 | 7.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 100.0 | 105.73 | 1 | 6 | green | chl, clay | cs | 0.3 | 7.0 | | | |
| 13R-1 (Piece 12) | 97.0 | 118.5 | 106.0 | 105.87 | 1 | 7 | green | chl, clay | cs | 0.2 | 3.0 | | | |
| 13R-1 (Piece 14) | 124.0 | 138.0 | 127.0 | 106.36 | 1 | 1 | green | chl, clay | cs | 0.1 | 4.0 | | | |
| 13R-1 (Piece 14) | 124.0 | 138.0 | 124.0 | 106.29 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 13R-2 (Piece 1) | 0.0 | 14.0 | 6.0 | 106.76 | 1 | 1 | dk green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 13R-2 (Piece 1) | 0.0 | 14.0 | 1.0 | 106.64 | 1 | 2 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 4) | 23.0 | 28.5 | 27.0 | 107.25 | 1 | | blue gray | chl, pre | ccs | 5.0 | 2.0 | spl, amp | 3 | |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 31.0 | 107.34 | 1 | 1 | green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 35.0 | 107.43 | 1 | 2 | green | chl, clay | cs | — | 7.0 | | | Pc broken along vein |
| 13R-2 (Piece 5) | 28.5 | 44.0 | 43.0 | 107.62 | 1 | 3 | green | chl, clay | cs | — | 3.0 | | | Edge of pc |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 60.0 | 108.02 | 1 | 1 | dk green | chl, clay | cs | 0.1 | 4.0 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 62.0 | 108.06 | 1 | 2 | dk green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 68.0 | 108.20 | 1 | 3 | dk green | chl, clay | cs | — | — | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 74.0 | 108.34 | 1 | 5 | green | chl, clay | cs | 0.5 | 5.0 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 77.0 | 108.41 | 1 | 6 | green | chl, clay | cs | — | 9.5 | | | Pc broken along vein |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 80.0 | 108.48 | 1 | 7 | green | chl, clay | cs | — | 4.5 | | | |
| 13R-2 (Piece 7) | 50.0 | 87.0 | 58.0 | 107.97 | 1 | 8 | green | chl, clay | cs | 0.5 | 4.5 | | | |
| 13R-2 (Piece 8) | 87.0 | 100.0 | 87.0 | 108.65 | 1 | 1 | light green | chl, clay | cs | — | 4.5 | | | Pc broken along vein |
| 13R-2 (Piece 8) | 87.0 | 100.0 | 97.0 | 108.88 | 1 | 2 | green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 109.0 | 109.16 | 1 | 1 | green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 107.0 | 109.11 | 1 | 2 | green | amp | amp | 0.7 | 6.5 | | | |
| 13R-2 (Piece 9) | 100.0 | 114.5 | 109.0 | 109.16 | 1 | 3 | green | chl, clay | cs | — | 5.5 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 115.0 | 109.30 | 1 | 1 | gray | chl, pre | ccs | 5.0 | 4.0 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 123.0 | 109.49 | 1 | 2 | dk green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 131.0 | 109.67 | 1 | 3 | dk green | chl, clay | cs | — | 5.0 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 140.0 | 109.88 | 1 | 4 | dk green | chl, clay | cs | — | 5.5 | | | Pc broken along vein |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 130.0 | 109.65 | 1 | 5 | dk green | chl, clay | cs | 0.3 | 5.5 | | | White center |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|------------------|---------------|------|------------|-------------|---------------------|-----------------|-------------|
| 13R-2 (Piece 10) | 114.5 | 142.0 | 138.0 | 109.84 | 1 | 6 | dk green | chl, clay | cs | 0.3 | 5.0 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 128.0 | 109.60 | 1 | 7 | dk green | chl, clay | cs | 0.3 | 5.5 | | | |
| 13R-2 (Piece 10) | 114.5 | 142.0 | 147.0 | 110.05 | 1 | 8 | green | chl, pre | ccs | 0.3 | 2.5 | | | |
| 13R-3 (Piece 1) | 0.0 | 24.5 | 3.0 | 110.07 | 1 | 1 | dk green | chl, clay | cs | 0.5 | 9.0 | | | |
| 13R-3 (Piece 1) | 0.0 | 24.5 | 3.0 | 110.07 | 1 | 2 | green | chl, clay | cs | 0.3 | 6.0 | | | |
| 16W-1 (Piece 6) | 26.0 | 37.0 | 27.0 | — | 1 | 1 | green | chl | ccs | 0.2 | 7.7 | | | |
| 16W-1 (Piece 6) | 26.0 | 37.0 | 28.5 | — | 1 | 2 | white | clay | cs | 0.1 | 1.2 | | | |
| 16W-1 (Piece 6) | 26.0 | 37.0 | 32.0 | — | 1 | 3 | white | clay | cs | 0.1 | 1.1 | | | |
| 16W-1 (Piece 6) | 26.0 | 37.0 | 36.0 | — | 1 | 4 | lt green | chl, zeo | ccs | 1.0 | 2.4 | spl, amp, chl, clay | 1.5mm | |
| 17R-1 (Piece 2) | 6.0 | 11.0 | 7.5 | 125.95 | 1 | | dark green | chl | ccs | 0.2 | 3.3 | | | |
| 17R-1 (Piece 6) | 23.0 | 32.0 | 24.0 | 126.27 | 1 | 1 | pale green | chl, clay | cs | 0.2 | 2.8 | amp, spl, chl | — | Sinuuous |
| 17R-1 (Piece 6) | 23.0 | 32.0 | 25.0 | 126.28 | 1 | 2 | green | chl, clay | cs | 1.0 | 6.0 | | | |
| 17R-1 (Piece 8) | 39.0 | 42.0 | 39.0 | 126.56 | 1 | | white-green | chl, pre, zeo | ccs | 0.2 | 2.3 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 48.0 | 126.73 | 1 | 1 | green | chl, clay | cs | 0.2 | 2.2 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 49.5 | 126.76 | 1 | 2 | yellow-green | chl, clay | cs | 0.5 | 5.1 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 53.0 | 126.83 | 1 | 3 | pale green | chl, clay | cs | 0.1 | 7.0 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 51.5 | 126.80 | 1 | 4 | green | chl, clay | cs | 0.2 | 8.2 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 56.5 | 126.90 | 1 | 5 | green | chl, clay | cs | 0.1 | 2.2 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 60.0 | 126.96 | 1 | 6 | green | chl, clay | cs | 0.3 | 11.3 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 61.0 | 126.98 | 1 | 7 | green | chl, clay | cs | 0.1 | 10.3 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 61.0 | 126.98 | 1 | 8 | green | chl, clay | cs | 0.1 | 9.8 | | | |
| 17R-1 (Piece 10) | 48.0 | 79.0 | 65.0 | 127.06 | 1 | 9 | green | chl, clay | cs | 0.1 | 2.9 | | | |
| 17R-1 (Piece 12) | 86.0 | 105.0 | 90.0 | 127.55 | 1 | 1 | green | chl, clay | cs | 0.2 | 4.0 | | | |
| 17R-1 (Piece 12) | 86.0 | 105.0 | 88.0 | 127.51 | 1 | 2 | green | chl, clay | cs | 0.4 | 7.0 | | | |
| 17R-1 (Piece 12) | 86.0 | 105.0 | 88.0 | 127.51 | 1 | 3 | green | chl, clay | cs | 0.2 | 5.0 | | | |
| 17R-1 (Piece 12) | 86.0 | 105.0 | 87.0 | 127.49 | 1 | 4 | green | chl, clay | cs | 0.2 | 4.0 | | | |
| 17R-1 (Piece 12) | 86.0 | 105.0 | 95.0 | 127.64 | 1 | 5 | green | chl, clay | cs | 0.2 | 5.0 | | | |
| 17R-1 (Piece 14) | 115.0 | 130.0 | 121.0 | 128.15 | 1 | 1 | green | chl, clay | cs | 0.3 | 6.8 | | | |
| 17R-1 (Piece 14) | 115.0 | 130.0 | 125.0 | 128.22 | 1 | 2 | yel green | chl, clay | cs | — | — | | | |
| 17R-1 (Piece 14) | 115.0 | 130.0 | 115.0 | 128.03 | 1 | 3 | yel green | chl, clay | cs | — | — | | | |
| 17R-1 (Piece 15) | 130.0 | 134.0 | 130.0 | 128.32 | 1 | 1 | yellow-brown | clay | cs | 0.1 | 2.3 | | | Branching |
| 17R-1 (Piece 16) | 134.0 | 144.0 | 139.0 | 128.50 | 1 | 1 | yel green | chl, clay | cs | 0.5 | 6.6 | | | |
| 17R-1 (Piece 16) | 134.0 | 144.0 | 142.0 | 128.55 | 1 | 2 | yel green | chl, clay | cs | — | — | | | |
| 17R-1 (Piece 16) | 134.0 | 144.0 | 137.0 | 128.46 | 1 | 3 | green | chl, clay | cs | 0.1 | 2.0 | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 2.0 | 128.63 | 1 | 1 | yel green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 22.0 | 129.02 | 1 | 2 | yel green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 3.0 | 128.65 | 1 | 3 | dark green | chl, clay | cs | 0.3 | 1.9 | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 10.0 | 128.79 | 1 | 4 | lt green | amp | amp | 0.6 | — | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 10.0 | 128.79 | 1 | 5 | green | chl, clay | cs | 0.1 | — | | | |
| 17R-2 (Piece 1) | 0.0 | 27.0 | 11.0 | 128.81 | 1 | 6 | green | chl, clay | cs | 0.2 | — | | | |
| 17R-2 (Piece 3) | 31.0 | 36.0 | 31.0 | 129.19 | 1 | | green | chl, clay | cs | 0.5 | 1.5 | | | |
| 17R-2 (Piece 5) | 40.0 | 48.0 | 44.0 | 129.45 | 1 | 1 | green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 6) | 49.0 | 60.0 | 49.0 | 129.54 | 1 | 1 | green | chl, pre | ccs | 0.3 | 8.7 | | | |
| 17R-2 (Piece 6) | 49.0 | 60.0 | 49.0 | 129.54 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 6) | 49.0 | 60.0 | 49.0 | 129.54 | 1 | 3 | green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 64.0 | 129.83 | 1 | 1 | green | amp | amp | 0.2 | 7.6 | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 62.0 | 129.79 | 1 | 2 | green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 66.0 | 129.87 | 1 | 3 | green | chl, clay | cs | 0.1 | 7.4 | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 61.0 | 129.78 | 1 | 4 | green | chl, clay | cs | 0.1 | 0.9 | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 61.0 | 129.78 | 1 | 5 | green | chl, clay | cs | 0.1 | 1.6 | | | |
| 17R-2 (Piece 7) | 60.0 | 72.0 | 60.0 | 129.76 | 1 | 6 | green | chl, clay | cs | — | — | | | |
| 17R-2 (Piece 8) | 72.0 | 94.0 | 88.0 | 130.30 | 1 | 1 | dk grn-black | chl, clay | cs | 0.2 | 4.6 | | | Branching |
| 17R-2 (Piece 8) | 72.0 | 94.0 | 87.0 | 130.28 | 1 | 2 | brown | clay | cs | 0.1 | 2.6 | | | Branching |
| 17R-2 (Piece 8) | 72.0 | 94.0 | 72.0 | 129.99 | 1 | 3 | dk grn-black | chl, clay | cs | 0.3 | 3.5 | | | |
| 17R-2 (Piece 8) | 72.0 | 94.0 | 77.0 | 130.09 | 1 | 4 | brown | clay | cs | — | — | | | |
| 17R-2 (Piece 8) | 72.0 | 94.0 | 80.0 | 130.14 | 1 | 5 | brown | clay | cs | — | — | | | |
| 17R-2 (Piece 10) | 98.0 | 102.0 | 98.5 | 130.50 | 1 | | green | chl, clay | cs | 0.2 | 1.4 | | | Sinuuous |
| 17R-2 (Piece 12) | 106.0 | 119.0 | 109.0 | 130.71 | 1 | 1 | green | chl, clay | cs | 0.1 | 5.3 | | | |
| 17R-2 (Piece 12) | 106.0 | 119.0 | 112.0 | 130.76 | 1 | 2 | green | chl, clay | cs | 0.2 | 3.9 | | | |
| 17R-2 (Piece 12) | 106.0 | 119.0 | 114.0 | 130.80 | 1 | 3 | green | chl, clay | cs | 0.3 | 2.7 | | | |
| 17R-2 (Piece 12) | 106.0 | 119.0 | 106.0 | 130.65 | 1 | 4 | green | chl, clay | cs | — | — | | | |
| 18R-1 (Piece 1) | 0.0 | 6.5 | 0.7 | 130.93 | 1 | | dk green + white | chl, zeo | ccs | 0.2 | 3.5 | | | |
| 18R-1 (Piece 3) | 11.0 | 19.0 | 12.5 | 131.37 | 1 | | green | chl, clay | cs | 0.5 | 2.0 | | | Irregular |
| 18R-1 (Piece 7) | 36.5 | 45.0 | 38.0 | 132.32 | 1 | 1 | dk green | chl | ccs | 0.2 | 2.5 | | | Thin, wispy |
| 18R-1 (Piece 7) | 36.5 | 45.0 | 42.5 | 132.49 | 1 | 2 | dk green | chl | ccs | 0.2 | 4.0 | | | |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|--------------------|--------------------|------|------------|-------------|---------------|-----------------|----------------------------------|
| 18R-1 (Piece 8) | 45.0 | 51.0 | 49.0 | 132.73 | 1 | | green | chl, clay | cs | 0.2 | 2.5 | | | |
| 18R-1 (Piece 10) | 65.0 | 89.0 | 65.0 | 133.33 | 1 | 1 | green | chl, clay | cs | 0.2 | 5.0 | | | |
| 18R-1 (Piece 10) | 65.0 | 89.0 | 68.0 | 133.45 | 1 | 2 | green | chl, clay | cs | 1.0 | 10.0 | | | |
| 18R-1 (Piece 10) | 65.0 | 89.0 | 65.0 | 133.33 | 1 | 3 | green | chl, clay | cs | 0.2 | 2.2 | | | |
| 18R-1 (Piece 10) | 65.0 | 89.0 | 79.0 | 133.86 | 1 | 4 | green | chl, clay | cs | 0.2 | 7.0 | | | |
| 18R-1 (Piece 10) | 65.0 | 89.0 | 72.0 | 133.59 | 1 | 6 | green | chl, clay | cs | 0.4 | 7.0 | | | |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 125.0 | 135.58 | 1 | 1 | dk green | chl, clay | cs | — | 4.0 | | | |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 127.0 | 135.65 | 1 | 2 | dk green | chl, clay | cs | 0.5 | 5.0 | | | Irregular |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 132.0 | 135.84 | 1 | 3 | lt green | chl, clay | cs | 0.8 | 2.5 | | | Very soft |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 134.0 | 135.92 | 1 | 4 | lt green | chl, clay | cs | 0.8 | 6.3 | | | Very soft |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 133.0 | 135.88 | 1 | 5 | lt green | chl, clay | cs | 0.8 | — | | | |
| 18R-1 (Piece 14) | 125.0 | 142.5 | 132.0 | 135.84 | 1 | 6 | lt green | chl, clay | cs | 0.8 | — | | | |
| 18R-2 (Piece 1) | 0.0 | 10.5 | 0.0 | 136.23 | 1 | 1 | green | chl, clay | cs | 0.3 | 5.0 | | | |
| 18R-2 (Piece 1) | 0.0 | 10.5 | 5.0 | 136.42 | 1 | 2 | dk green | chl, clay | cs | 0.2 | — | | | |
| 18R-2 (Piece 1) | 0.0 | 10.5 | 9.0 | 136.57 | 1 | 3 | green | chl, clay | cs | 0.2 | — | | | On back |
| 18R-2 (Piece 3) | 13.5 | 21.0 | 13.5 | 136.74 | 1 | 1 | green | amp | amp | 4.5 | 6.0 | | | |
| 18R-2 (Piece 3) | 13.5 | 21.0 | 13.5 | 136.74 | 1 | 2 | green | chl, clay | cs | 0.3 | 4.0 | | | |
| 18R-2 (Piece 3) | 13.5 | 21.0 | 16.5 | 136.85 | 1 | 3 | lt green | chl, clay | cs | 0.3 | 5.0 | | | |
| 18R-2 (Piece 4) | 21.0 | 34.0 | 30.0 | 137.36 | 1 | 3 | green | chl, clay | cs | — | — | | | |
| 18R-2 (Piece 5) | 34.0 | 39.0 | 34.0 | 137.51 | 2 | | lt green | chl, clay | cs | — | — | | | |
| 18R-2 (Piece 6) | 39.0 | 45.0 | 39.0 | 137.69 | 1 | | green | chl, clay | cs | 0.5 | 4.5 | | | |
| 18R-2 (Piece 7) | 45.0 | 49.5 | 45.0 | 137.92 | 1 | | lt green | chl, clay | cs | — | — | | | |
| 18R-2 (Piece 8) | 49.5 | 55.0 | 49.0 | 138.07 | 1 | | blue gray | chl, clay | cs | — | — | | | |
| 18R-2 (Piece 9) | 55.0 | 61.0 | 55.0 | 138.29 | 2 | | lt green | chl, clay | cs | — | — | | | |
| 18R-2 (Piece 11) | 74.5 | 82.0 | 78.0 | 139.15 | 1 | | green | chl, pre | ccs | 1.0 | 5.0 | spl | | |
| 18R-2 (Piece 14) | 91.0 | 100.5 | 91.0 | 139.64 | 10 | | white | pre | ccs | 0.2 | 1.0 | | | >10 discontinuous pre veins |
| 18R-2 (Piece 16) | 104.0 | 114.0 | 106.0 | 140.20 | 1 | 1 | blue gray | chl, pre | ccs | 0.3 | 6.0 | | | |
| 18R-2 (Piece 16) | 104.0 | 114.0 | 107.0 | 140.24 | 1 | 2 | blue gray | chl, pre | ccs | 0.3 | 6.0 | | | |
| 18R-2 (Piece 16) | 104.0 | 114.0 | 104.0 | 140.13 | 1 | 3 | blue gray | chl, pre, epd | ccs | — | — | | | On top |
| 18R-2 (Piece 16) | 104.0 | 114.0 | 110.0 | 140.35 | 1 | 4 | blue gray | chl, clay | cs | — | — | | | On back |
| 19R-1 (Piece 4) | 12.0 | 20.0 | 12.0 | 140.94 | 1 | 1 | white-yellow | pre, epd | ccs | 0.2 | 3.6 | | | Minor sulfides |
| 19R-1 (Piece 4) | 12.0 | 20.0 | 12.5 | 140.96 | 1 | 2 | white-yellow | pre, epd | ccs | 0.3 | 1.7 | | | |
| 19R-1 (Piece 4) | 12.0 | 20.0 | 13.0 | 140.97 | 1 | 3 | w yell. pale green | chl, pre | ccs | 0.3 | 5.2 | | | Minor sulfides |
| 19R-1 (Piece 4) | 12.0 | 20.0 | 16.0 | 141.08 | 1 | 4 | white | pre, zeo | ccs | 0.5 | 2.1 | | | Minor sulfides |
| 19R-1 (Piece 5) | 20.0 | 24.0 | 20.5 | 141.25 | 1 | | yellow-green | epd | ccs | 1.0 | 0.8 | | | |
| 19R-1 (Piece 7) | 28.0 | 42.0 | 30.0 | 141.59 | 1 | 1 | pale green | chl, pre, zeo | ccs | 0.5 | 9.7 | | | |
| 19R-1 (Piece 7) | 28.0 | 42.0 | 32.0 | 141.67 | 1 | 2 | pale gr to yellow | chl, pre, epd, zeo | ccs | 0.5 | 7.7 | | | |
| 19R-1 (Piece 7) | 28.0 | 42.0 | 37.0 | 141.85 | 1 | 3 | white | clay | cs | 0.2 | 2.1 | | | Sinuuous |
| 19R-1 (Piece 7) | 28.0 | 42.0 | 37.0 | 141.85 | 1 | 4 | green | chl, clay | cs | 0.2 | 2.1 | | | |
| 19R-1 (Piece 8) | 42.0 | 48.0 | 42.5 | 142.05 | 1 | 1 | pale grn to dk grn | chl, pre | ccs | 0.4 | 3.3 | | | |
| 19R-1 (Piece 8) | 42.0 | 48.0 | 43.0 | 142.07 | 1 | 2 | pale grn to dk grn | chl, pre, zeo | ccs | 0.2 | 3.7 | | | |
| 19R-1 (Piece 11) | 62.0 | 71.0 | 64.0 | 142.83 | 1 | 1 | yel grn to dk grn | chl, pre, epd | ccs | 0.5—1 | 4.1 | | | |
| 19R-1 (Piece 11) | 62.0 | 71.0 | 64.0 | 142.83 | 1 | 2 | yel grn to dk grn | chl, pre, epd | ccs | 0.5—1 | 6.3 | | | Highly curved |
| 19R-1 (Piece 12) | 69.0 | 84.0 | 69.0 | 143.01 | 1 | 1 | white to dk grn | chl, pre | ccs | 0.1 | 4.0 | | | Minor sulfides |
| 19R-1 (Piece 12) | 69.0 | 84.0 | 69.0 | 143.01 | 1 | 2 | white to dk grn | chl, pre | ccs | 0.1 | 4.0 | | | Minor sulfides |
| 19R-1 (Piece 12) | 69.0 | 84.0 | 69.0 | 143.01 | 6 | 3 | white to dk grn | chl, pre | ccs | 0.1 | 4.0 | | | Minor sulfides, anastomosing net |
| 19R-1 (Piece 13) | 84.0 | 98.0 | 87.0 | 143.67 | 1 | 1 | green | chl, clay | cs | 0.1 | 4.1 | | | |
| 19R-1 (Piece 13) | 84.0 | 98.0 | 91.0 | 143.82 | 1 | 2 | white-grn-dk grn | chl, clay | cs | 0.2 | 6.0 | | | |
| 19R-1 (Piece 13) | 84.0 | 98.0 | 84.0 | 143.56 | 1 | 3 | green | chl, clay | cs | — | — | | | |
| 19R-1 (Piece 14) | 98.0 | 105.0 | 98.0 | 144.07 | 1 | 1 | white-pale green | chl, pre | ccs | 0.1 | 3.1 | | | |
| 19R-1 (Piece 14) | 98.0 | 105.0 | 101.0 | 144.18 | 1 | 2 | white-pale green | chl, pre | ccs | 0.1 | 2.0 | | | |
| 19R-1 (Piece 19) | 127.0 | 132.0 | 128.0 | 145.16 | 1 | | gray | chl, pre | ccs | 0.5 | 1.5 | | | |
| 20R-1 (Piece 4) | 17.5 | 28.5 | 20.0 | 146.18 | 1 | 1 | white | chl, clay | cs | 0.2 | 6.3 | | | |
| 20R-1 (Piece 4) | 17.5 | 28.5 | 21.0 | 146.21 | 1 | 2 | green | chl, clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 7) | 40.0 | 44.0 | 40.0 | 146.75 | 1 | 1 | brown | chl, clay | cs | 0.3 | — | | | |
| 20R-1 (Piece 7) | 40.0 | 44.0 | 41.0 | 146.78 | 1 | 2 | brown | chl, clay | cs | 0.3 | — | | | |
| 20R-1 (Piece 10) | 53.0 | 63.5 | 53.0 | 147.13 | 1 | 1 | green | chl, clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 10) | 53.0 | 63.5 | 57.0 | 147.24 | 1 | 2 | green | chl, clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 10) | 53.0 | 63.5 | 53.0 | 147.13 | 1 | 4 | green | chl, clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 10) | 53.0 | 63.5 | 53.0 | 147.13 | 1 | 4 | green | chl, clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 11) | 63.5 | 71.0 | 64.0 | 147.45 | 1 | 1 | lt green | amp | amp | 0.5 | — | | | |
| 20R-1 (Piece 11) | 63.5 | 71.0 | 68.0 | 147.56 | 1 | 2 | brown | clay | cs | 0.2 | — | | | |
| 20R-1 (Piece 15) | 88.0 | 96.0 | 88.0 | 148.14 | 1 | 1 | green | chl, clay | cs | — | 6.5 | | | Pc broken along vein |

Table 1 (continued).

| Core, section (piece) | cmt | cmb | cmc | Depth (mbsf) | Number | Identifier | Color | Minerals | Type | Width (mm) | Length (cm) | Halo minerals | Halo width (cm) | Comments |
|-----------------------|-------|-------|-------|--------------|--------|------------|-----------------------|----------------|------|------------|-------------|---------------|-----------------|----------------------------|
| 20R-1 (Piece 15) | 88.0 | 96.0 | 92.0 | 148.25 | 1 | 2 | green | chl, clay | cs | 0.2 | 8.5 | | | |
| 20R-1 (Piece 18) | 107.0 | 114.0 | 107.0 | 148.69 | 2 | | brown | clay | cs | 0.4 | 1.2 | | | |
| 20R-1 (Piece 19) | 114.0 | 123.0 | 121.0 | 149.09 | 1 | 1 | yel green | chl, clay | cs | 0.3 | 3.0 | | | |
| 20R-1 (Piece 19) | 114.0 | 123.0 | 115.0 | 148.92 | 1 | 2 | yel green | chl, clay | cs | 0.1 | 5.0 | | | |
| 20R-1 (Piece 19) | 114.0 | 123.0 | 115.0 | 148.92 | 1 | 3 | green | chl, clay | cs | 0.1 | 3.0 | | | |
| 20R-1 (Piece 21) | 127.0 | 135.0 | 129.0 | 149.32 | 1 | 2 | green | chl, clay, zeo | cs | 0.2 | 6.0 | | | |
| 20R-1 (Piece 21) | 127.0 | 135.0 | 133.0 | 149.44 | 1 | 1 | green | chl, clay | cs | — | 6.0 | | | Pc broken along vein |
| 20R-1 (Piece 23) | 139.5 | 144.0 | 139.5 | 149.62 | 1 | | green | chl, clay | cs | 0.1 | 2.0 | | | |
| 20R-2 (Piece 1) | 0.0 | 8.0 | 0.0 | 149.62 | 1 | 1 | yellow | chl, clay | cs | 0.1 | 4.0 | spl | 6 | Subvertical Botryoidal zeo |
| 20R-2 (Piece 2) | 8.0 | 21.0 | 16.0 | 150.09 | 1 | 1 | yel green | chl, clay, zeo | cs | — | — | | | |
| 20R-2 (Piece 4) | 30.5 | 40.0 | 33.0 | 150.58 | 1 | 1 | green | chl, clay | cs | 0.1 | 6.0 | | | |
| 20R-2 (Piece 4) | 30.5 | 40.0 | 35.0 | 150.63 | 1 | 2 | green | chl, clay | cs | 0.1 | 6.0 | | | |
| 20R-2 (Piece 4) | 30.5 | 40.0 | 38.0 | 150.72 | 1 | 3 | green | chl, clay | cs | 0.1 | — | | | |
| 20R-2 (Piece 4) | 30.5 | 40.0 | 38.0 | 150.72 | 1 | 4 | green | chl, clay | cs | 0.1 | — | | | |
| 20R-3 (Piece 1) | 0.0 | 5.0 | 1.0 | 150.81 | 1 | 1 | dark green | chl, pre | ccs | 0.3 | 2.4 | | | |
| 20R-3 (Piece 1) | 0.0 | 5.0 | 1.0 | 150.81 | 1 | 2 | yellow | chl, zeo | ccs | 0.5 | 2.3 | | | |
| 20R-3 (Piece 3) | 8.0 | 15.0 | 9.5 | 151.05 | 1 | 1 | dark green | chl, clay | cs | 0.2 | 3.9 | | | |
| 20R-3 (Piece 3) | 8.0 | 15.0 | 11.5 | 151.11 | 1 | 2 | dark green | chl, clay | cs | 0.2 | 1.8 | | | |
| 20R-3 (Piece 4) | 15.0 | 20.0 | 17.0 | 151.27 | 1 | | yellow-white | chl, clay | cs | 0.2 | 3.7 | | | |
| 20R-3 (Piece 5) | 20.0 | 27.0 | 20.5 | 151.37 | 1 | 1 | yellow, green | chl, clay | cs | 0.3 | 4.2 | | | |
| 20R-3 (Piece 5) | 20.0 | 27.0 | 21.0 | 151.38 | 1 | 2 | yellow green | chl, clay | cs | 0.2 | 5.0 | | | |
| 20R-3 (Piece 5) | 20.0 | 27.0 | 21.0 | 151.38 | 1 | 3 | dk gm, yellow | chl, clay | cs | 0.1 | 3.0 | | | |
| 20R-3 (Piece 6) | 27.0 | 35.0 | 30.0 | 151.64 | 1 | 1 | dark green | chl | ccs | 0.5 | 3.0 | | | |
| 20R-3 (Piece 6) | 27.0 | 35.0 | 32.5 | 151.72 | 1 | 2 | dark green | chl, pre | ccs | 0.5 | 3.3 | | | |
| 20R-3 (Piece 7) | 35.0 | 43.0 | 37.0 | 151.85 | 1 | 1 | dark green | chl | ccs | 0.1 | 4.0 | | | |
| 20R-3 (Piece 7) | 35.0 | 43.0 | 38.0 | 151.87 | 1 | 2 | dark green | chl | ccs | 0.1 | 4.3 | | | |
| 20R-3 (Piece 7) | 35.0 | 43.0 | 40.0 | 151.93 | 1 | 3 | pale green to green | chl, pre | ccs | 2.0 | 7.3 | | | |
| 20R-3 (Piece 7) | 35.0 | 43.0 | 40.0 | 151.93 | 1 | 4 | yellow to dark green | chl, epd | ccs | 0.1 | 4.3 | | | |
| 20R-3 (Piece 7) | 35.0 | 43.0 | 40.0 | 151.93 | 1 | 5 | yellow-green to black | chl, clay | cs | 0.1 | 4.5 | | | |
| 20R-3 (Piece 9) | 50.0 | 63.0 | 50.0 | 152.22 | 1 | 1 | white to green | chl, clay | cs | — | — | | | |
| 20R-3 (Piece 9) | 50.0 | 63.0 | 55.0 | 152.37 | 1 | 2 | white to green | chl, clay | cs | 0.1 | 5.5 | | | |
| 20R-3 (Piece 10) | 63.0 | 73.0 | 63.0 | 152.60 | 1 | 1 | yel brown | chl, clay | cs | — | — | | | |
| 20R-3 (Piece 10) | 63.0 | 73.0 | 64.0 | 152.62 | 1 | 2 | lt green | amp | amp | 1.0 | — | | | |
| 20R-3 (Piece 11a) | 73.0 | 79.0 | 73.5 | 152.90 | 1 | 1 | yellow | epd | ccs | 0.5 | 2.6 | | | |
| 20R-3 (Piece 11a) | 73.0 | 79.0 | 74.5 | 152.93 | 1 | 2 | pale green to dk gm | chl, pre | ccs | 0.5 | 2.3 | | | |
| 20R-3 (Piece 11b) | 73.0 | 79.0 | 76.0 | 152.97 | 1 | 1 | yellow | chl, epd | ccs | 2.0 | 2.0 | | | |
| 20R-3 (Piece 11b) | 73.0 | 79.0 | 76.0 | 152.97 | 1 | 2 | white, dk gm | chl, pre | ccs | 0.7 | 0.9 | | | |
| 20R-3 (Piece 12) | 79.0 | 87.0 | 80.0 | 153.09 | 1 | 1 | white, dk gm | chl, clay | cs | 0.2 | 2.7 | | | |
| 20R-3 (Piece 12) | 79.0 | 87.0 | 83.0 | 153.17 | 1 | 2 | green | chl, clay | cs | 0.1 | 4.0 | | | |
| 20R-3 (Piece 12) | 79.0 | 87.0 | 83.0 | 153.17 | 1 | 3 | yel brown | chl, clay | cs | — | — | | | Highly curved |
| 20R-3 (Piece 14) | 94.0 | 103.0 | 95.5 | 153.53 | 1 | 1 | yellow | chl, clay | cs | 0.3 | 3.8 | | | |
| 20R-3 (Piece 14) | 94.0 | 103.0 | 98.0 | 153.61 | 1 | 2 | yellow | chl, clay | cs | 0.1 | 5.0 | | | |
| 20R-3 (Piece 15) | 103.0 | 112.0 | 104.0 | 153.78 | 1 | 1 | yel green | chl, clay | cs | — | — | | | |
| 20R-3 (Piece 17) | 119.0 | 129.0 | 119.0 | 154.21 | 1 | 1 | green | chl, clay | cs | 0.3 | 8.8 | | | |
| 20R-3 (Piece 17) | 119.0 | 129.0 | 121.0 | 154.27 | 1 | 2 | green | chl, clay | cs | 0.3 | 2.4 | | | |
| 20R-3 (Piece 17) | 119.0 | 129.0 | 125.0 | 154.38 | 1 | 3 | green | chl, clay | cs | 0.5 | 2.8 | | | |
| 20R-3 (Piece 17) | 119.0 | 129.0 | 124.0 | 154.36 | 1 | 4 | green | chl, clay | cs | 0.2 | 3.5 | | | |
| 20R-3 (Piece 17) | 119.0 | 129.0 | 128.0 | 154.47 | 1 | 5 | green | chl, clay | cs | 0.2 | 4.8 | | | |

Note: "cmt," "cmb," and "cm" are the top, bottom, and nearest point to center of the core piece for each vein, as measured from the top of the section; "Number" = the number of veins included in entry; "Identifier" = the identification number assigned to veins in pieces with multiple veins for cross referencing to the data of MacLeod, Manning, et al. (this volume). Dash in "Width" or "Length" column indicates that measurement was not or could not be made. Color and mineral abbreviations: gm = green; brn = brown; yel = yellow; dk = dark; lt = light; amp = calcic amphibole; chl = chlorite; spl = secondary plagioclase; epd = epidote; pre = prehnite; qtz = quartz; sph = sphalerite; zeo = zeolite. Vein types: amp = amphibole; ccs = chlorite-calc-silicate; cs = chlorite-smectite; ze = zeolite-calcite.