

Figure 1—Geologic map of the Buckeystown Quadrangle, Frederick and Montgomery Counties, Maryland, and Loudoun County, Virginia. The map shows various geological units with different colors and patterns, and includes a detailed legend for map units, a correlation chart, and a list of references.

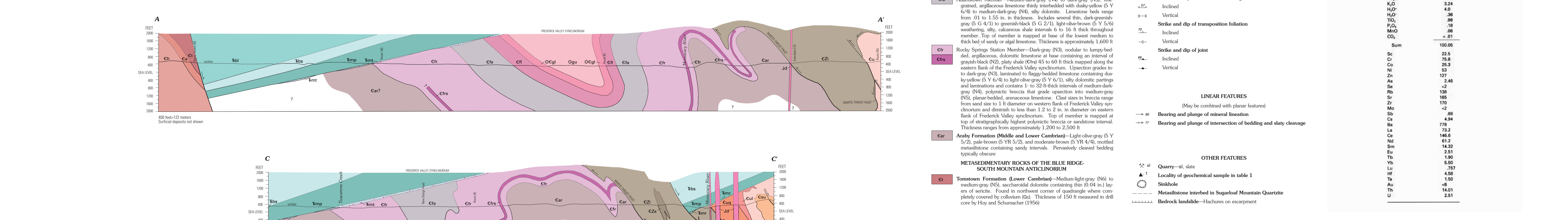


Figure 2—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. The plot shows the relationship between Al<sub>2</sub>O<sub>3</sub> and K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> ratios for various rock samples, with a shaded field representing the expected range for the Westemont terrane.

Figure 3—Lower hemisphere equal-area projection of structural data for the Buckeystown, Md. quadrangle. The diagram shows structural data points plotted on a lower hemisphere equal-area projection, with great circles representing fault orientations.

Figure 4—Lower hemisphere equal-area projection of structural data for the Buckeystown, Md. quadrangle. This figure is similar to Figure 3, showing structural data points and great circles for the same area.

Figure 5—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 6—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 7—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 8—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 9—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 10—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 11—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 12—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 13—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 14—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.

Figure 15—Portion of an Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane. This figure is similar to Figure 2, showing the Al<sub>2</sub>O<sub>3</sub>-K<sub>2</sub>O/Al<sub>2</sub>SiO<sub>5</sub> plot for the Westemont terrane.