Geologic Map of the Jonestown Volcanics, Lebanon County, Southeastern Pennsylvania

Explanation

Map Units

outcrop	float	overall extent	
			Bunker Hill Quartz Arenite, Silurian
			Igneous Rocks, and Associated Massive Limestone
			Diabase
			Brecciated Basalt Pillows and Massive Basalt Flows
			Intact Basalt Pillows
			Massive Limestone, Ordovician
			Sedimentary Rocks, Including Interbedded Limestone, Ordovician
			Black Shale/Slate
			Green Shale/Slate
			Bedded Limestone
			Quartz Arenite or Quartz Rich Wacke
			Brown/Tan/Olive DrabShale/Slate, Mudstone, and Sandstone
			Red Shale/Slate
			Undifferentiated Sedimentary Rocks

Geographic Symbols

- Drainage
- Canal or Aqueduct (Abandoned)
- Reading Railroad (Abandoned)
- Primary Highway
- Secondary Highway
- Light Duty Road
- 100 Foot Contour
- 20 Foot Contour

Geologic Symbols

- 30 — Strike, Direction of Dip, and Dip Angle
- HK-43 — Sample Locality
- Area of Outcrop or Contact within Area of Outctop
- Area of Float
- Fault
- Fault (Inferred)
- Unconformity(Inferred)

Geologic mapping by T. J. Ashcroft. Base map enlarged from US Geological Survey 7.5 minute Fredericksburg, PA quadrangle, original scale 1:24,000. Additional information from Pennsylvania Atlas and Gazatteer, 3rd ed., 1990, Delorme Mapping, Freeport, ME, 96p.

Map created in Micrografx Designer

1 1/2 0 1 MILE

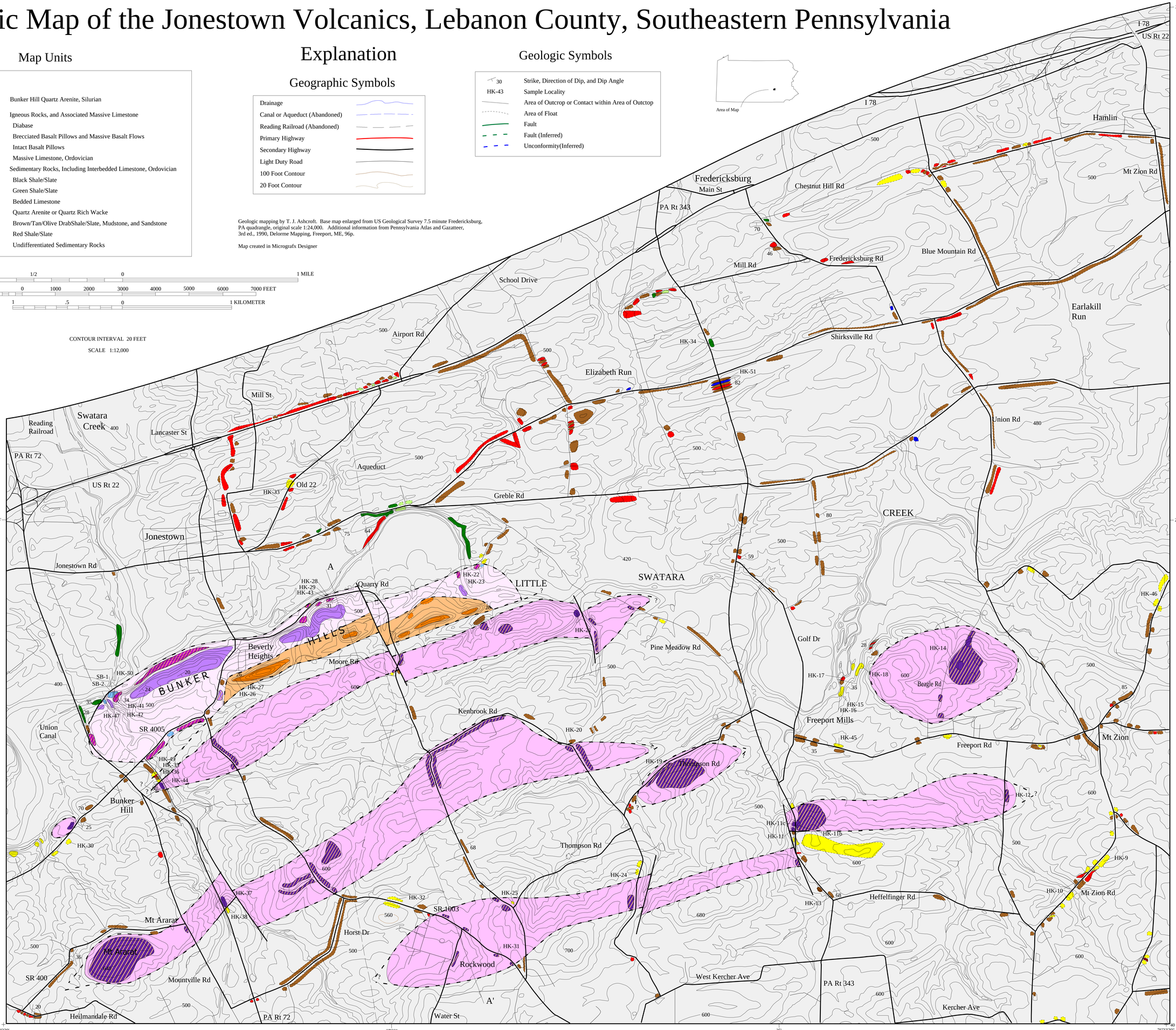
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

NORTH
MN
GN

CONTOUR INTERVAL 20 FEET

SCALE 1:12,000



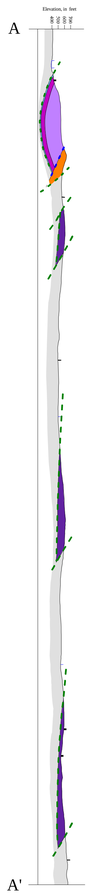


PLATE 1