Bedrock Geologic Map of the Mount Moosilauke 7.5' Quadrangle, New Hampshire, 2022



Ammonoosuc Volcanics (Ordovician) — Fine-grained hornblende gneiss or amphibolite, locally with epidote-rich layers and

Calc-silicate member of Ammonoosuc — Thinly bedded sulfidic calc-silicate granofels resembling Francestown Formation, and well bedded, gray to white calc-silicate granofels interbedded with hornblende gneiss. Restricted to a set

EXPLANATION OF MAP SYMBOLS

ntacts and faults		Strike and dip of shear foliation		Strike and dip faults, dikes, and veins	
	Contact, solid where certain, dashed where approximate, dotted where concealed Oblique thrust fault with left lateral strike-slip component. D - downthrown block, U - upthrown block Oblique thrust fault with left lateral strike-slip component, approximately located	ł	Inclined shear zone, indeterminate sense of shear	- Inc	lined fault
<u>D</u> U		Ŧ	Inclined shear zone, S-shaped, counterclockwise sense of shear, for multiple observations at one locality Inclined shear zone, S-shaped, clockwise sense of shear, for multiple observations at one locality	 Fault, late (younger) Inclined KJd dike 	
		ال ا ا			
4				Ve	rtical KJd dike
		Strike and dip of S4 foliation			
<u> </u>	Oblique thrust fault with left lateral strike-slip component. D -	ŀ	Inclined S ₄ foliation	H Ve	rtical pegmatite dike
-≓-	Oblique thrust fault with right lateral strike-slip component, approximately located	Strike and dip of S4 shear foliation		 Vertical pegmatite veins Pegmatite dike indeterminate 	
		ł	Inclined shear zone, S4, S-shaped, counterclockwise sense of shear	orientation	
rike and dip of bedding (S ₀)		Ŧ	Vertical shear zone, S4, S-shaped, counterclockwise sense of shear	Meta	 morphic isograd Staurolite-out isograd, approximate
∮	Overturned graded beds	ŀ	Inclined foliation, S4, for multiple observations at one locality	Photo	98
F	Inclined bed	T	rend and plunge of lineations	1	Labeled with photo number. See companion document for photographs.
ike and ation	l dip of S1 nappe-stage	\$	Crenulation lineation (L ₁)	Baser	nap features
Þ	Inclined S ₁ nappe-stage foliation	ŧ	Mineral lineation	-2	C Iron mine
		\$	Intersection lineation $(S_0 X S_1)$	-1	16 State Route
ľ	Inclined S ₁ nappe-stage foliation, for multiple	ţ	Inclined slickenline		Local Road
+	foliation, vertical, S1	Fe	Fold features		
		п	Avial plane of F fold		++ Railroad
I	Inclined S ₁ foliation where	ľ			Lidar Contours (40-foot intervals)
►	parallel to bedding	Î	Axis of F ₁ nappe-stage fold		Stream
					Water

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