

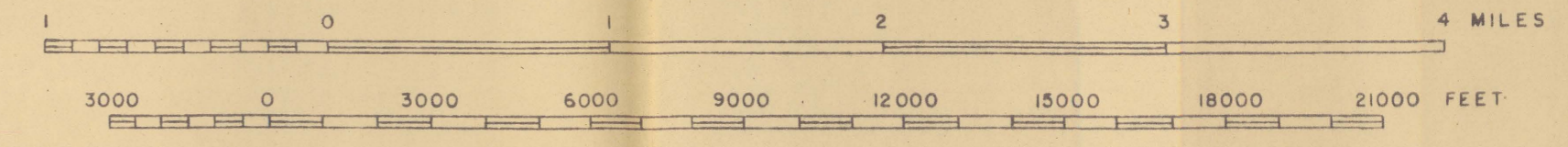
EXPLANATION



Recent	Qsg Stream gravel <i>(Deposits in modern stream beds)</i>	IGNEOUS ROCKS	Basalt dikes in the Birch Creek schist (including the basalt of Sugarloaf Mountain)	CRETACEOUS AND TERTIARY (?)
	Qp Peat		Rhyolite of Sugarloaf Mountain	
	Qal Recent alluvial fans, and gravel deposited by tributaries of the Nenana River since the Carlo readvance.		Totafianika schist	
	Qpc1 Terrace gravel deposited by the Nenana River and its tributaries since the Carlo readvance		Contact <i>(Solid where exposed, dashed where position closely controlled by scattered outcrops and topography, dotted where inferred or mapped from topographic expression only)</i>	
	Qls Landslide debris		Strike and dip of bedding in sedimentary rocks	
	Qco Alluvium deposited by tributaries of the Nenana River south of Healy during the Carlo readvance		Strike and dip of overturned beds	
	Qco Outwash gravel deposited by the Nenana River during the Carlo readvance		Strike of vertical beds	
	Qra Alluvium and terrace gravel deposited by tributaries of the Nenana River during the pre-Carlo part of the Riley Creek		Strike and dip of bedding (strike approximate)	
	Qra Outwash gravel deposited by the Nenana River during the pre-Carlo part of the Riley Creek		Horizontal beds	
	Qra Alluvium and terrace gravel deposited by tributaries of the Nenana River (includes some later alluvium deposited on terraces and gravels formed during the Healy glaciation, and indistinguishable from deposits of the Healy)		Strike and dip of foliation in schist	
Pleistocene	Qhfc Varved clay and silt deposited in Glacial Lake Moody	QUATERNARY	Horizontal foliation	
	Qhg Delta gravel deposited in glacial Lake Moody		Syncline, showing trace of axial plane (dotted where concealed)	
	Qho Outwash gravel deposited by the Nenana River		Anticline, showing trace of axial plane and direction of plunge of axis (dotted where concealed)	
	Qhm Glacial moraine deposits (includes terminal and ground moraine and also pitted outwash lateral to the glacier lobe)		Fault <i>(D-downthrown side; U-upthrown side)</i>	
	Qda Alluvium deposited by the tributaries of the Nenana River on outwash gravels of the Dry Creek		Mile 353 Railroad milepost	
	Qdc Outwash gravel deposited by the Nenana River during the Dry Creek			
	Qdm Varved clay and silt deposited in marginal lake			
	Qdm Glacial moraine (?)			
	Qbe Glacial erratics			
	Qbe Glacial erratics			
Dry Creek glaciation	Tn Nenana gravel	TERTIARY	UNCONFORMITY	
	Tcb Coal-bearing formation		UNCONFORMITY	
	pCbc Birch Creek schist		UNCONFORMITY	
	pCbc Birch Creek schist		UNCONFORMITY	
Brownie glaciation	Tn Nenana gravel	PRE-CAMBRIAN	UNCONFORMITY	
	Tcb Coal-bearing formation		UNCONFORMITY	

Base from U.S. Geological Survey maps of Healy D-4 and D-5 (1952) quadrangles.

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CONTOUR INTERVAL 100 FEET
DOTTED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

GEOLOGIC MAP OF PARTS OF HEALY D4 & HEALY D5 QUADRANGLES SHOWING PLEISTOCENE DEPOSITS ALONG THE NENANA RIVER