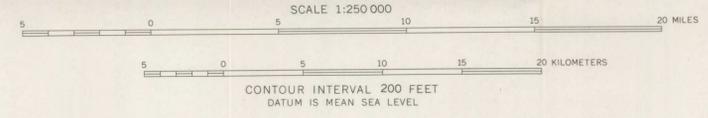


		EXPLANATION				
Recent	Modern glaciation	Qd Drift <i>Drift, chiefly coarse rubble, in moraines currently being deposited or deposited in the very recent past</i>	Qs Dune sand <i>Well-rounded, frosted fine to coarse sand in active dunes</i>	Qaf Flood-plain alluvium <i>Sand and silt; gravel locally along Kobuk River and tributaries south of Kobuk; gravel and sand north of Kobuk; organic debris in places</i>	Qac Fan alluvium and colluvium <i>Rubble, gravel, and sand; silt and organic debris locally</i>	Ql Lake deposits <i>Sand, silt, clay, and organic material</i>
	Ulanak Creek Glaciation	Qdu Drift <i>Chiefly coarse rubble</i>	Qou Outwash <i>Chiefly gravel</i>	Qss Dune sand <i>Well-rounded, frosted fine to coarse sand in stabilized dunes. Areas where locally active shown by overprint</i>	Qat Terrace and fan alluvium <i>Gravel, sand, silt, and organic material. Low, more recent terraces and fans shown by overprint</i>	
Wisconsin	Walker Lake Glaciation	Qdw Drift <i>Till and outwash gravel and sand. Areas of morainal topography shown by overprint</i>	Qow Outwash <i>Gravel and sand</i>			
	Ambler Glaciation	Qda Drift <i>Till and outwash gravel and sand. Areas of morainal topography shown by overprint</i>	Qoa Outwash <i>Gravel and sand</i>			
Pleistocene	Pre-Wisconsin			Qea Eolian and alluvial deposits <i>Dune sand and alluvial sand and silt with organic material</i>		
	Kobuk Glaciation	Qdk Drift <i>Till and outwash gravel and sand</i>				
		b Bedrock, surrounded by surficial deposits				
		--- Contact <i>Dashed where gradational or approximately located</i>				
		3 Bluff site (Bluff 3)				

SURFICIAL GEOLOGIC MAP OF THE CENTRAL KOBUK RIVER VALLEY, NORTHWESTERN ALASKA



Base from U.S. Geological Survey 250,000 series quadrangles: Shungnak, 1955; and Ambler River, 1956. Magnetic declination ranges from 22°E to 25°E, 1964.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1964—G63430
Geology mapped in 1952

QUATERNARY