

EXPLANATION

Oligocene, Miocene, and Quaternary		Conglomerate, sandstone, and unconsolidated deposits	TERTIARY AND QUATERNARY
		Granite, quartz monzonite, quartz porphyry, and aplite	
		Quartz diorite and diorite porphyry	TERTIARY
		Serpentinite	TERTIARY, JURASSIC(?), CRETACEOUS, AND TERTIARY(?)
		Gabbro and basalt	
Jurassic (?), Cretaceous, and Paleocene (?)		Dark-colored argillite, siltite, graywacke, and conglomerate	JURASSIC(?), CRETACEOUS, AND TERTIARY(?)
		Interlayered limestone and basalt	
		Red beds, limestone, and limy argillite	PERMIAN AND TRASSIC
		Basalt and bedded chert Locally include intrusive mafic rocks	
		Siliceous argillite, graywacke, and dark argillite	PRE-PERMIAN
		Metamorphic rocks Phyllite, slaty argillite, schist, and stretched-pebble conglomerate; rocks locally calcareous	PERMIAN AND TRASSIC

	Contact, approximately located		Not described in published report
	Dotted where concealed		
	Fault		
	Long dashed where approximate; short dashed where inferred, dotted where concealed		
	Lineament		
	Dotted where projected across glacier or alluvium		
	Strike and dip of beds		
	Strike and dip of bedding foliation		
	Strike and dip of cleavage		
	Quartz vein		
	Placer gold deposits		
	Placer gold deposit showing approximate linear extent of workings		
	Placer gold occurrence, approximately located		

LODE MINERAL DEPOSIT OR OCCURRENCE

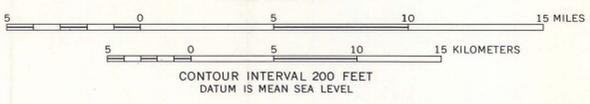
1. Camp Creek occurrence	10. Canyon Creek occurrence
2. Costello Creek occurrence	11. Ready Cash
3. Eagle and Lucerta prospects	12. Ohio Creek tin-bearing greisen
4. Silver King	13. Partin Creek occurrence
5. Riverside	14. Boedeker
6. Golden Zone	15. Rocky Cummins prospect
7. Lookout Mountain occurrence	16. Bird Creek
8. Copper King	17. Colby
9. Long Creek prospect	18. Nugget Creek

*Hawley and Clark (1968), Clark and Hawley (1968), and Hawley and others, (1969)

	Contains anomalous amount of gold or two or more other elements. Elements listed
	Contains anomalous amount of one element other than gold. Element listed
	Stream-sediment sample Shown only away from known deposits. Location generalized where samples are numerous or geology is complex
	Altered area not sampled

Base from U.S. Geological Survey: Healy, Talkeetna, Talkeetna Mountains, and Mount McKinley 1:250,000 quadrangles

SCALE 1:250 000



Geology mapped as follows:
Upper Chulitna district by C. C. Hawley, A. L. Clark, M. H. Herdick, and S. H. B. Clark, 1967-68;
Curry district by Ralph Tuck, 1934, and reconnaissance mapping by A. L. Clark, S. H. B. Clark, and C. C. Hawley, 1968;
Yentna district, combined Tertiary and Quaternary unit and Collinsville area after Barnes (1966); Peters Hills and Dutch Hills by A. L. Clark and C. C. Hawley, 1967-68

GENERALIZED GEOLOGIC MAP SHOWING MINERAL DEPOSITS OF THE CHULITNA-YENTNA MINERAL BELT, ALASKA