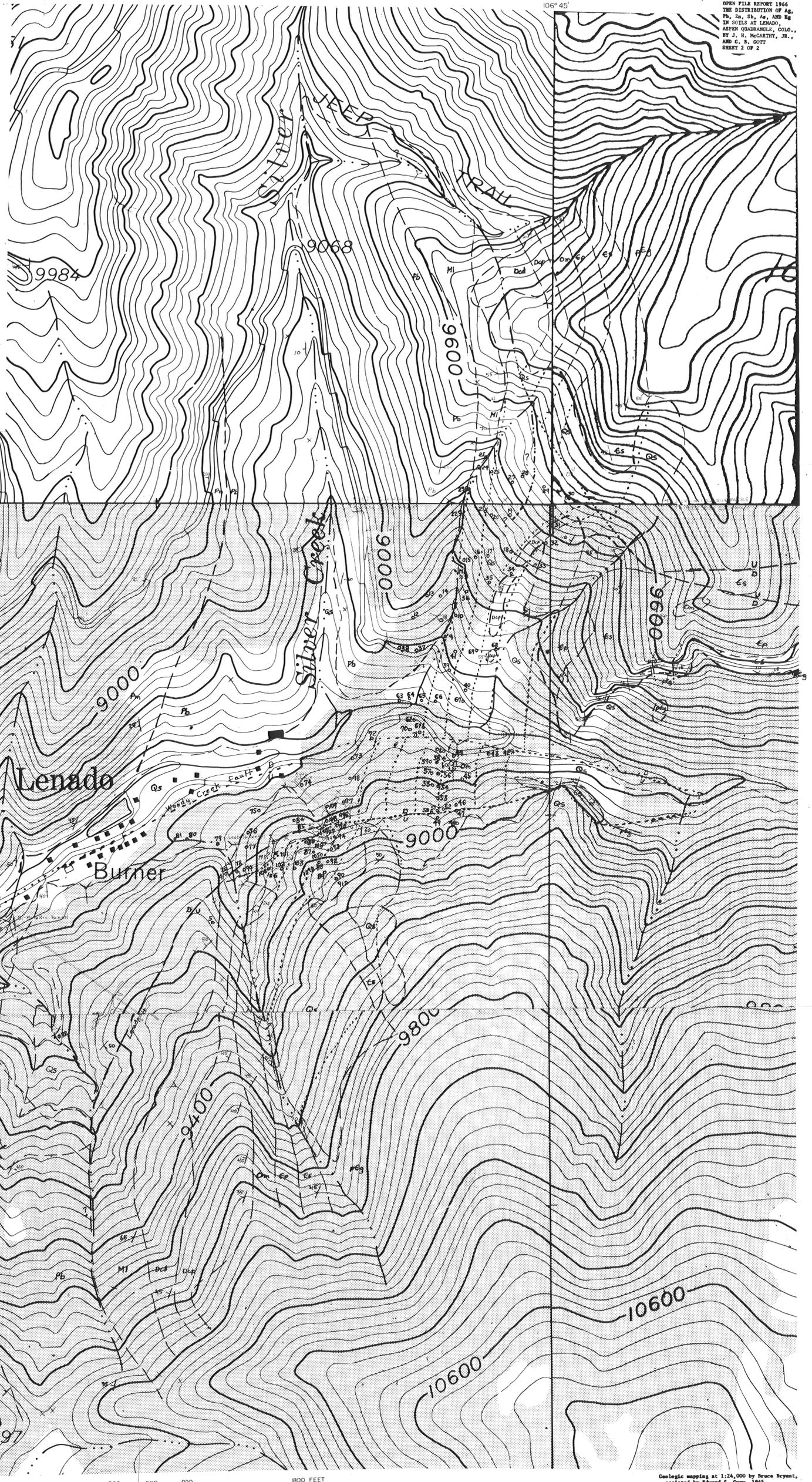


EXPLANATION

Quaternary	Qs	Surficial deposits Alluvium, colluvium, and talus; mapped only where conceals bedrock enough to interfere with 1:24,000 mapping.
Upper Pennsylvanian	Pu	Minturn Formation Gray, greenish-gray, brown, and light-maroon micaceous calcareous siltstone, sandstone, and shale; silty or sandy limestone; crossbedded; beds of gray limestone rare. Lower contact gradational.
Middle Pennsylvanian	Pb	Selden Shale Thin-bedded dark-gray to gray limestone with white and black chert; interbedded with dark gray to black calcareous, locally carbonaceous, shale. Some thin beds of siltstone and fine-grained sandstone in upper part.
Lower Mississippian	Ml	Leadville Dolomite Gray, dark-brown weathering, dolomite and dolomite breccia with gray chert. Includes 1-3 foot thick Gilman Sandstone Member at base.
Upper Devonian	Dcd, Dcp	Chaffee Formation Dcd, Dyer Dolomite Member; thin- to thick-bedded light- to dark-gray dolomite. Dcp, Farrington Quartzite Member; white poorly sorted coarse-grained quartzite; thin-bedded tan to greenish-tan dolomitic siltstone and silty dolomite; maroon and gray shale; crossbedded. Most natural exposures are quartzite.
Lower Devonian	On	Mantou Dolomite Gray, yellow-brown-weathering, dolomite with lime-gray chert.

Cambrian	Cp	Peerless Formation Tan-weathering dolomite with rare beds of quartzite; dark-gray and maroon quartzite; grayish-green shale; red dolomite and sandstone breccia.
Precambrian	Cs	Sewach Quartzite Thin- to thick-bedded white, tan-weathering, quartzite; quartz pebbles as much as 1 inch in diameter in bed 6 inches to 1 foot thick at base.
	p6g	Granitic rock Coarse-grained quartz monzonite or granite with orthopyroxene and feldspar grains as much as 1 cm in diameter.
	Contact	Dashed where approximately located; dotted where concealed.
	Fault	Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side.
	Inclined	Strike and dip of bedding
	Vertical	Strike and dip of bedding
	Top uncertain	Strike and dip of bedding
	Geochronological sample locality	
	Prospect	
	Adit	
	Shaft	

NOTE: Stipple indicates woodland overprint.



OPEN FILE REPORT 1966  
THE DISTRIBUTION OF Ag,  
Pb, Zn, Sb, As, AND Hg  
IN SOILS AT LENADO,  
AFTER CHANDLER, COLO.,  
BY J. H. MCCARTHY, JR.,  
AND G. B. COTT  
SHEET 2 OF 2

Base enlarged from 1:24,000 quadrangles:  
Agua, Ruedi, and Thibault, U.S.  
Geological Survey, Mt. Jackson 1 SW,  
U.S.A. Corps of Engineers

PRELIMINARY GEOLOGIC MAP OF THE LENADO MINING DISTRICT, PITKIN COUNTY, COLORADO  
By  
Bruce Bryant

Geologic mapping at 1:24,000 by Bruce Bryant,  
assisted by Edward S. Gray, 1965.  
Location of Agave Contact, Leadville tunnel,  
and Bi-Metallic tunnel from Spurr (1896)

This map is preliminary and has not  
been edited or published. It is  
not to be used for any purpose  
without the permission of the  
Geological Survey.