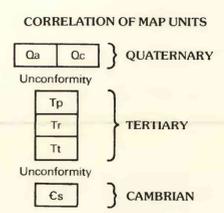


- EXPLANATION OF IDENTIFIED RESOURCES AND MINERAL RESOURCE POTENTIAL**
- Areas of identified resources of perlite
 - Geologic terrane having high mineral resource potential for arsenic, antimony, mercury, and gold, with certainty level C
 - Geologic terrane having moderate mineral resource potential for perlite, with certainty level B
 - Geologic terrane having low mineral resource potential for metals and geothermal energy, with certainty level B—Applies to entire study area
 - Geologic terrane having low mineral resource potential for oil, gas, and coal, with certainty level C—Applies to entire study area



- DESCRIPTION OF MAP UNITS**
- Qa Alluvium (Quaternary)
 - Qc Colluvium (Quaternary)
 - Tp Panaca Formation (Pliocene)—Lake deposits consisting of flat-lying tuffaceous siltstone, mudstone, and fine-grained limestone
 - Tr Rhyolite flows of the Blawn Formation (Miocene)—Light-colored, crystal-rich, commonly layered lava flows
 - Tt Ash-flow tuffs, undifferentiated (Miocene)—Ash-flow tuffs of the Bauers and Sweet Tuff Members of the Condor Canyon Formation and ash-flow tuffs and minor sedimentary rocks of the Blawn Formation
 - Cs Limestone and dolomite, undifferentiated (Cambrian)

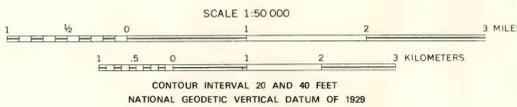
- Contact—Dashed where approximately located or inferred
- - - Fault—Dashed where inferred; bar and ball on downthrown side
- Strike and dip of compaction foliation and flow layering
- PMT024 U.S. Geological Survey geochemical sample locality—Showing number
- U.S. Bureau of Mines sample locality—Showing number
- 50 Perlite outcrop
- × 39 Prospect pit
- 37,38 Shaft
- 29 Trench
- 36 Rock

LEVEL OF RESOURCE POTENTIAL	U/A	H/B	H/C	H/D
	UNKNOWN	MODERATE POTENTIAL	MODERATE POTENTIAL	MODERATE POTENTIAL
	POTENTIAL	L/B	L/C	L/D
		LOW POTENTIAL	LOW POTENTIAL	NO POTENTIAL
	A	B	C	D

LEVEL OF CERTAINTY →

- LEVELS OF RESOURCE POTENTIAL**
- H High mineral resource potential
 - M Moderate mineral resource potential
 - L Low mineral resource potential
 - U Unknown mineral resource potential
 - N No known mineral resource potential
- LEVELS OF CERTAINTY**
- A Available data not adequate
 - B Data indicate geologic environment and suggest level of resource potential
 - C Data indicate geologic environment, give good indication of level of resource potential, but do not establish activity of resource-forming processes
 - D Data clearly define geologic environment and level of resource potential and indicate activity of resource-forming processes in all or part of the area
- Diagram showing relationships between levels of mineral resource potential and levels of certainty. Shading shows levels that apply to this study area

Base from U.S. Geological Survey, 1:24,000 Back Wash Well, 1972; Eagle Valley Reserve, 1972; Parsnip Peak, 1970; Mt. Wilson, 1970; and Pierson Summit, 1970



MAP SHOWING IDENTIFIED RESOURCES, MINERAL RESOURCE POTENTIAL, SIMPLIFIED GEOLOGY, AND SAMPLE LOCALITIES, PARSNIP PEAK WILDERNESS STUDY AREA, LINCOLN COUNTY, NEVADA