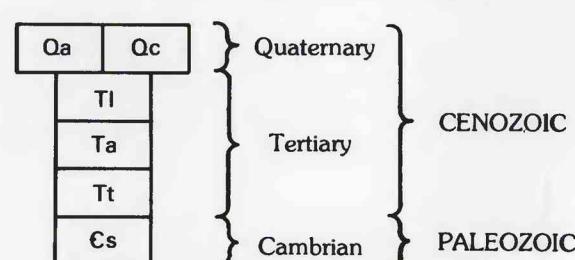


EXPLANATION OF MINERAL RESOURCE POTENTIAL

- L/B** Geologic terrane having low mineral resource potential for metals and geothermal energy, with certainty level B
- L/C** Geologic terrane having low mineral resource potential for oil, gas, and coal, with certainty level C

CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

- Qa** Alluvial deposits (Quaternary)
- Qc** Colluvial deposits (Quaternary)
- Tl** Panaca Formation (Tertiary)—Flat-lying tuffaceous siltstone, mudstone, and fine-grained limestone
- Ta** Andesite (Tertiary)—Gray
- Tt** Volcanic rocks, undivided (Tertiary)—Includes tuff and rhyolite of the Blawn Formation, volcanic rocks of the Bauers Tuff Member of the Condor Canyon Formation, Isom Formation, tuff of Ripgut Springs, and Lund Formation

Cs Limestone (Cambrian)—Dark gray, microcrystalline

- Contact—Dashed where approximately located or inferred, queried where uncertain
- Fault—Dashed where inferred, dotted where concealed; bar and ball on downthrown side
- Strike and dip of compaction foliation
- Sample locality and number
- Stream sediment
- Rock

| LEVEL OF RESOURCE POTENTIAL | U/A | H/B | H/C | H/D |
|-----------------------------|-----|--------------------|--------------------|------------------------|
| | M/B | HIGH POTENTIAL | HIGH POTENTIAL | HIGH POTENTIAL |
| UNKNOWN POTENTIAL | M/C | MODERATE POTENTIAL | MODERATE POTENTIAL | M/D MODERATE POTENTIAL |
| | L/B | LOW POTENTIAL | L/C | L/D LOW POTENTIAL |
| N/D | N/D | NO POTENTIAL | N/D | N/D NO POTENTIAL |

LEVEL OF CERTAINTY →

| LEVELS OF RESOURCE POTENTIAL | | LEVELS OF CERTAINTY | |
|------------------------------|-------------------------------------|---------------------|---|
| H | High mineral resource potential | A | Available data not adequate |
| M | Moderate mineral resource potential | B | Data indicate geologic environment and suggest level of resource potential |
| L | Low mineral resource potential | C | Data indicate geologic environment, give good indication of level of resource potential, but do not establish activity of resource-forming processes |
| U | Unknown mineral resource potential | 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 |
| N | No known mineral resource potential | | |

Diagram showing relationships between levels of mineral resource potential and levels of certainty. Shading shows levels that apply to this study area

MAP SHOWING MINERAL RESOURCE POTENTIAL, SIMPLIFIED GEOLOGY, AND SAMPLE LOCALITIES FOR THE WHITE ROCK RANGE WILDERNESS STUDY AREA, LINCOLN COUNTY, NEVADA, AND BEAVER AND IRON COUNTIES, UTAH