EXPLANATION OF MINERAL RESOURCE POTENTIAL

- **Area having identified resources of gysum, as well as a moderate resource potential for oil and gas.**
  - M/C
  - L/D
  - N/D

- **Geologic terrane having a moderate resource potential for oil and gas, with certainty level C—Applies to entire study area.**

- **Geologic terrane having a low resource potential for oil and gas and for geothermal sources and coal, with certainty level D—Applies to entire study area.**

- **Geologic terrane having no potential for gypsum, with certainty level D—Applies to that part of the study area not containing identified resources of gypsum.**

**LIST OF MAP UNITS**

- Gq: Alluvium and colluvium (Quaternary)
- Gq: Colluvium (Quaternary)
- Gq: Marine deposits (Quaternary)
- Gq: Estuarine sand, silt, and clay (Quaternary)
- Gq: Recent gravel (Quaternary and Tertiary)
- Kc: Straight Cliffs Sandstone (Upper Cretaceous)
- Ks: Shale member of Tropic Shale (Upper Cretaceous)
- Kd: Tropic Shale and Dakota Sandstone, undivided (Upper Cretaceous)
- Cenozoic: Carmel Formation (Middle Jurassic) of San Rafael Group (Middle Jurassic)
- Ljw: Wacoma Member
- Jgs: Gypsum member
- Jbg: Banded member
- Jbl: Limestone member, upper unit
- Jbf: Limestone member, lower unit
- Jt: Temple Cap Sandstone (Middle Jurassic)
- Jn: Navajo Sandstone (Lower Jurassic) of Glen Canyon Group (Lower Jurassic)

**LEVELS OF RESOURCES POTENTIAL**

- **HIGH POTENTIAL**
  - N/C
  - L/B

- **MEDIUM POTENTIAL**
  - N/C
  - L/B

- **LOW POTENTIAL**
  - N/C
  - L/B

**LEVELS OF CERTAINTY**

- A: Available data not adequate
- B: Data indicate geologic environment and suggest level of resource potential, but do not result in activity of resource-forming processes
- C: Data clearly define geologic environment and level of resource potential and indicate activity of resource-forming processes
- D: Data do not define geologic environment and level of resource potential and do not result in activity of resource-forming processes

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