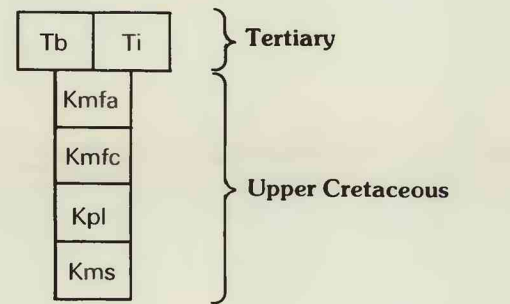


EXPLANATION OF MINERAL RESOURCE POTENTIAL

- Area underlain by subeconomic coal resources; less than 500 ft overburden, includes measured and indicated resources
- M/B Geologic terrane having moderate energy resource potential for oil and gas, with certainty level B—Applies to entire study area
- L/B Geologic terrane having low mineral resource potential for uranium, with certainty level B—Applies to entire study area
- L/C Geologic terrane having low mineral resource potential for all metals other than uranium, and for geothermal energy, with certainty level C—Applies to entire study area

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- Tb Basalt flows (Tertiary)
- Ti Basalt dikes and plugs (Tertiary)
- Menefee Formation (Upper Cretaceous)**
- Kmfa Allison Member
- Kmfc Cleary Coal Member
- Kpl Point Lookout Sandstone (Upper Cretaceous)
- Kms Satan Tongue of the Mancos Shale (Upper Cretaceous)
- Contact
- Fault; ball and bar on downthrown side
- Strike and dip of beds
- CH-2 Stream-sediment sample
- CHB-3 Rock sample of basalt

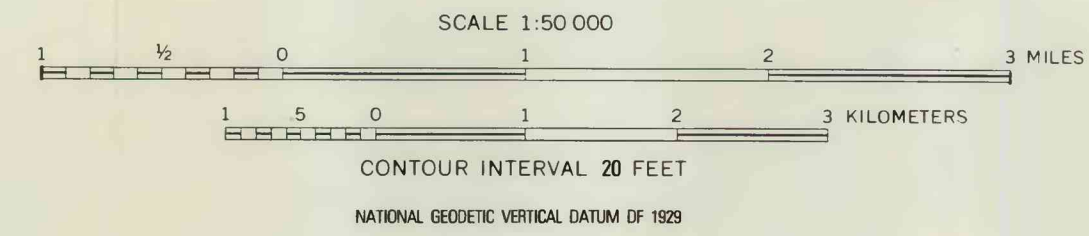
↑ LEVEL OF RESOURCE POTENTIAL	U/A	H/B	H/C	H/D
		HIGH POTENTIAL	HIGH POTENTIAL	HIGH POTENTIAL
	UNKNOWN	M/B MODERATE POTENTIAL	M/C MODERATE POTENTIAL	M/D MODERATE POTENTIAL
	POTENTIAL	L/B LOW POTENTIAL	L/C LOW POTENTIAL	L/D LOW POTENTIAL
			N/D NO POTENTIAL	
	A	B	C	D
	→ LEVEL OF CERTAINTY			

- | | |
|--|--|
| 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

Base from U.S. Geological Survey 1:24,000, Cerro Parido, 1961, Cuadalupe, 1961, and Mesa Cortada, 1961

Geology modified from Tabet and Frost (1979a)



MAP SHOWING IDENTIFIED RESOURCES, MINERAL RESOURCE POTENTIAL, GEOLOGY, AND SAMPLING SITES FOR THE IGNACIO CHAVEZ WILDERNESS STUDY AREA, MCKINLEY AND SANDOVAL COUNTIES, NEW MEXICO