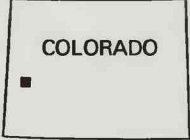
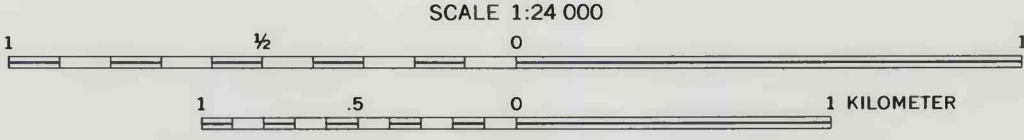


Base from U.S. Geological Survey
1:24,000 Nucla, Windy Point, 1960



Geologic mapping by R.P. Dickerson, 1987;
P.L. Williams, 1964

EXPLANATION OF MINERAL RESOURCE POTENTIAL

- M/B** Geologic terrane having moderate mineral resource potential for oil, gas, and carbon dioxide, with certainty level B—Applies to entire study area
- L/C** Geologic terrane having low mineral resource potential for uranium and vanadium in the Chinle Formation, for gold, copper, and all other metals, and for geothermal energy, with certainty level C—Applies to entire study area
- L/B** Geologic terrane having low mineral resource potential for uranium and vanadium in the Morrison Formation, with certainty level B—Applies to entire study area
- N/D** Geologic terrane having no mineral resource potential for coal, with certainty level D—Applies to entire study area

CORRELATION OF MAP UNITS

Qac	Qrf	Holocene	QUATERNARY
Unconformity			
Kdb		Upper and Lower Cretaceous	CRETACEOUS
Unconformity			
Jmb		Upper Jurassic	JURASSIC
Jmst			
Unconformity			
Jwa		Middle Jurassic	
Je			
Unconformity			JURASSIC
Jk		Lower Jurassic	
Jw			
Unconformity			TRIASSIC
Tc		Upper Triassic	

LIST OF MAP UNITS

- Qac Alluvium and colluvium (Holocene)
Qrf Rockfall deposits (Holocene)
Kdb Dakota Sandstone (Upper Cretaceous) and Burro Canyon Formation (Lower Cretaceous)
Jmb Brushy Basin Member of the Morrison Formation (Upper Jurassic)
Jmst Salt Wash and Tidwell Members of the Morrison Formation (Upper Jurassic)
Jwa Wanakah Formation (Middle Jurassic)
Je Entrada Formation (Middle Jurassic)
Jk Kayenta Formation (Lower Jurassic)
Jw Wingate Sandstone (Lower Jurassic)
Tc Chinle Formation (Upper Triassic)
- Contact
--- Fault, dotted where concealed; bar and ball on downthrown side
- - - Strike and dip of bedding
TB001 ▲ Numbered sample site at which anomalous concentration of metals were found
--- Approximate/indefinite boundary of the Uncompaghe National Forest

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

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

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

MINERAL RESOURCE POTENTIAL AND GEOLOGIC MAP OF THE TABEGUACHE
CREEK WILDERNESS STUDY AREA, MONTROSE COUNTY, COLORADO