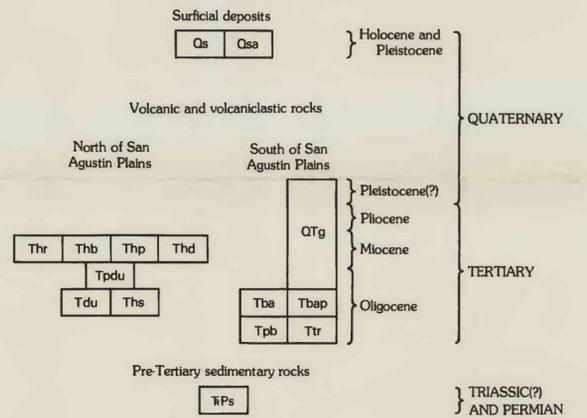


- EXPLANATION OF MINERAL RESOURCE POTENTIAL**
- M/C** Geologic terrane having moderate mineral resource potential for oil and gas, with certainty level C—Applies to entire study area
 - L/B** Geologic terrane having low mineral resource potential for iron, manganese, zinc, lead, copper, molybdenum, silver, and gold, with certainty level B—Applies to entire study area
 - L/C** Geologic terrane having low mineral resource potential for tin, with certainty level C—Applies to entire Continental Divide Wilderness Study Area
 - L/D1** Geologic terrane having low mineral resource potential for tin, uranium, and geothermal energy, with certainty level D—Applies to entire Horse Mountain Wilderness Study Area
 - L/D2** Geologic terrane having low mineral resource potential for uranium and geothermal energy, with certainty level D—Applies to entire Continental Divide Wilderness Study Area

CORRELATION OF MAP UNITS

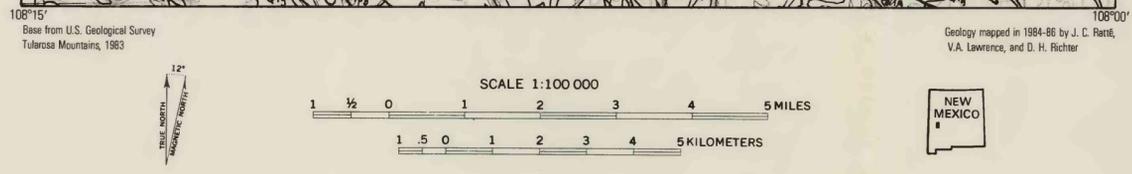


LIST OF MAP UNITS

- Qs Surficial deposits, undivided (Holocene and Pleistocene)
 - Qsa Fluvio-lacustrine deposits of Lake San Agustin (Holocene and Pleistocene)
 - Rocks north of San Agustin Plains**
 - Thr Dacite and rhyolite lava flows of Horse Mountain volcano (Miocene) (about 13 m.y.)
 - Tdb Dacite and rhyolite domal vent breccias of Horse Mountain volcano (Miocene)
 - Tdp Rhyolitic plug rock of Horse Mountain volcano (Miocene)
 - Tdd Rhyolitic dikes of Horse Mountain volcano (Miocene)
 - Tpdu Post-Datil Group volcanic and volcanoclastic rocks, undivided (Miocene(?) and Oligocene)
 - Tdu Volcanic and volcanoclastic rocks of Datil Group (Oligocene)
 - Tds Pumice breccia of Old Horse Springs (Oligocene) (33 m.y.)
 - TPs Triassic(?) and Permian sedimentary rocks
 - Rocks south of San Agustin Plains**
 - QTg Volcanoclastic sedimentary rocks, undivided; Gila Conglomerate in part (Pleistocene(?) to upper Oligocene)
 - Tba Bearallow Mountain Andesite (Oligocene) (27 m.y.)
 - Tbp Bearallow Mountain Andesite plug (Oligocene)
 - Tpb Pre-Bearallow Mountain Andesite volcanic and volcanoclastic rocks (Oligocene)
 - Ttr Taylor Creek Rhyolite lava flows and associated pyroclastic rocks (Oligocene) (28 m.y.)
- Contact
- - - Fault—Dotted where concealed; bar and ball on downthrown side
○ 26 Water well—Showing point of discharge temperature, degrees Centigrade

LEVEL OF RESOURCE POTENTIAL ↑	U/A	H/B HIGH POTENTIAL	H/C HIGH POTENTIAL	H/D 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 →			

- 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



MINERAL RESOURCE POTENTIAL AND GEOLOGIC MAP OF THE HORSE MOUNTAIN AND CONTINENTAL DIVIDE WILDERNESS STUDY AREAS, CATRON COUNTY, NEW MEXICO