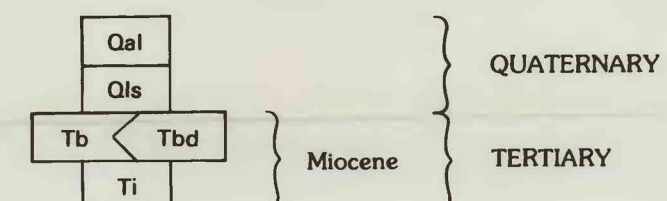


EXPLANATION OF IDENTIFIED RESOURCES
AND MINERAL RESOURCE POTENTIAL

- Areas of identified diatomite resources
- Areas of high mineral resource potential for diatomite, with certainty level C
- M/B** Geologic terrane having moderate mineral resource potential for geothermal energy, with certainty level B—Applies to all of study areas ID-54-8a and ID-54-8b
- L/C** Geologic terrane having low mineral resource potential for oil, gas, and coal, with certainty level C—Applies to all of study areas ID-54-8a and ID-54-8b
- L/B** Geologic terrane having low mineral resource potential for metals, with certainty level B—Applies to all of study areas ID-54-8a and ID-54-8b

CORRELATION OF MAP UNITS



LIST OF MAP UNITS

- Qal Alluvial deposits (Quaternary)
- Qls Landslide deposits, chiefly of diatomite (Quaternary)
- Tb Gray to black basalt of the Banbury Basalt (Miocene)
- Tbd Diatomite and other sedimentary deposits of the Banbury Basalt (Miocene)
- Ti Dark-gray welded tuffs of the Idavada Volcanics (Miocene)
- Contact
- Fault—Bar and ball on downthrown side; dashed where inferred, dotted where concealed by younger rocks
- Strike and dip of compaction foliation
- × Prospect
- ⊗ Mine
- GMT020 Geochemical sample locality, showing sample number

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

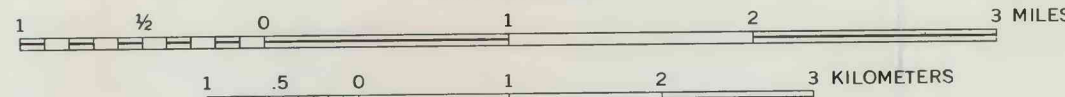
Diagram showing relationships between levels of mineral resource potential and levels of certainty. Shading shows levels that apply to this study area

MAP SHOWING MINERAL RESOURCE POTENTIAL, GEOLOGY, AND SAMPLE LOCALITIES OF THE GOODING CITY OF ROCKS EAST AND WEST WILDERNESS STUDY AREAS, GOODING COUNTY, IDAHO

114°55' Base from U.S. Geological Survey, 1:62,500
Devis Mountain, 1957

114°45' Geology modified from Malde and others (1963)

SCALE 1:50 000



CONTOUR INTERVAL 40 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

