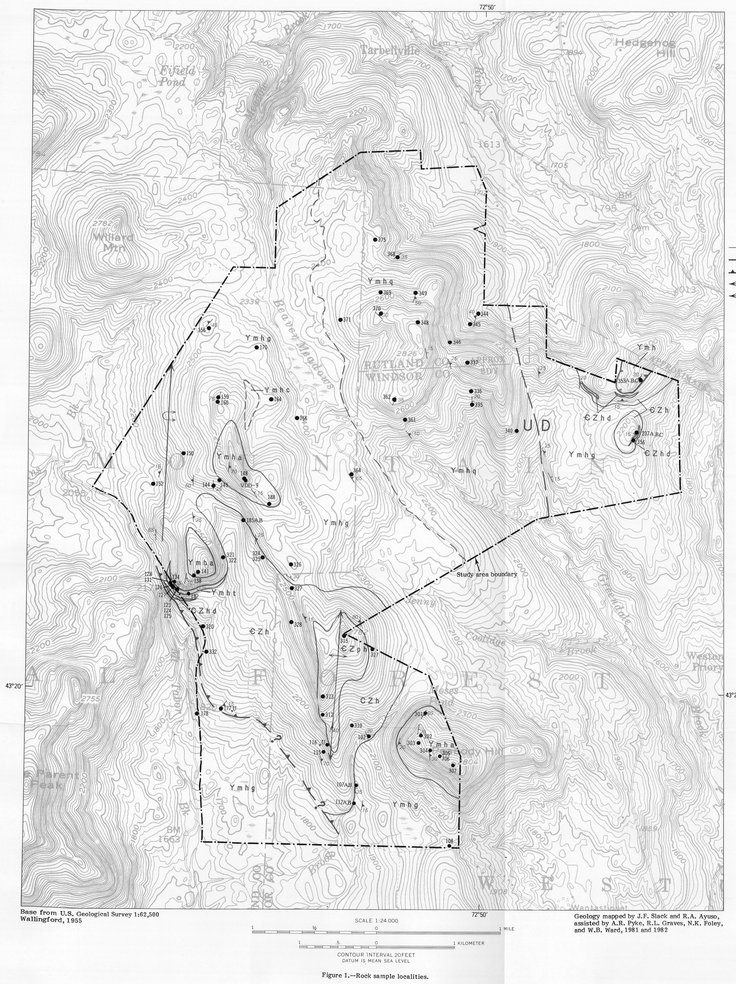


DESCRIPTION OF MAP UNITS

€Zph	Pinney Hollow(?) Formation (Early Cambrian and/or) Late Proterozoic(?)—Quartz-muscovite-garnet-chlorite-biotite schist locally with abundant disseminated magnetite and chloritic. Thin lenses and laminae of fine-grained quartz are also common
€Zhd €Zh	Hoosac Formation (Early Cambrian and/or) Late Proterozoic(?)—Coarse-grained quartz-plagioclase-mica schist characterized by albite porphyroblasts (pl. CZhd = buff to orange, granular dolomite and dolomitic marble
	Informal Subunits of the Mount Holly Complex (Middle Proterozoic) (No stratigraphic order implied)
Yntt	Tournaline quartzite—Thin- to medium-bedded quartzite and vitreous orthoquartzite containing coarse disseminations, segregations, and layers of black tournaline
Ymhg	Felsic gneiss—Layered quartzo-feldspathic gneiss, locally with mica or chlorite. Small, isolated bodies of granite pegmatite are common
Ymhc	Calc-silicate rock—Coarse-grained rock composed mainly of quartz, diopside, and actinolite
Ymha	Amphibolite-bearing rocks—Felsic gneiss containing minor interlayered epidote-rich amphibolite and metagabbro(?)
Ymhq	Quartzitic gneiss—Impure quartzite and feldspathic quartzite, commonly with minor associated muscovite

- Bedding, showing dip.
- Foliation, showing dip.
- Contact, dashed where approximate.
- Fault (approximately located), showing relative movement
- Thrust fault, dashed where approximate. Saw teeth on upper plate.
- Antiform, showing direction of plunge.
- Overturned synform, showing direction of plunge.
- 310 Rock sample localities.

Base from U.S. Geological Survey 1:62,500
Wallingford, 1955

Geology mapped by J.F. Slack and R.A. Ayuso, assisted by A.R. Pyke, R.L. Graves, N.K. Foley, and W.B. Ward, 1981 and 1982

SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
1 KILOMETER

Figure 1.—Rock sample localities.

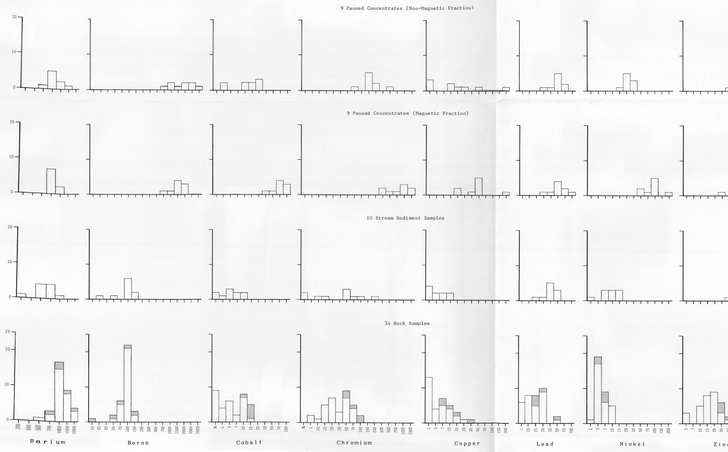
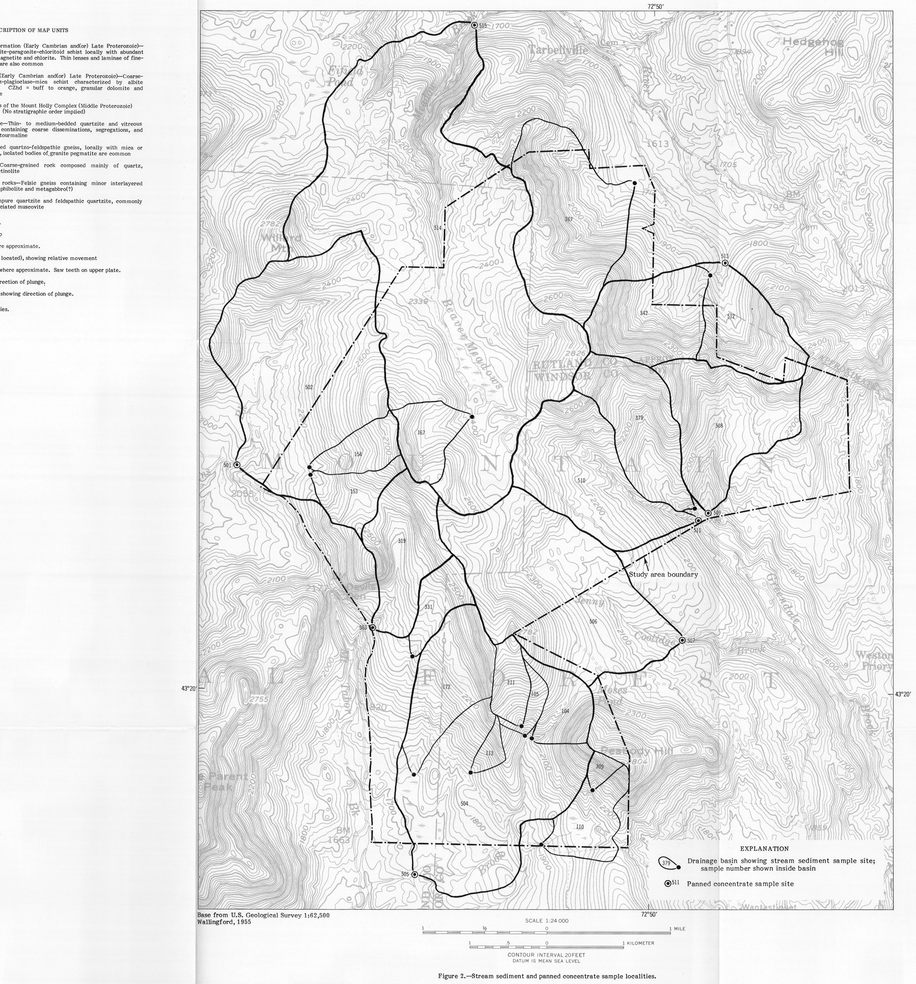


Figure 3.—Ranges of concentrations of selected elements. Rock samples include felsic (open) and mafic (stippled) lithologies.



Base from U.S. Geological Survey 1:62,500
Wallingford, 1955

SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
1 KILOMETER

Figure 2.—Stream sediment and panned concentrate sample localities.

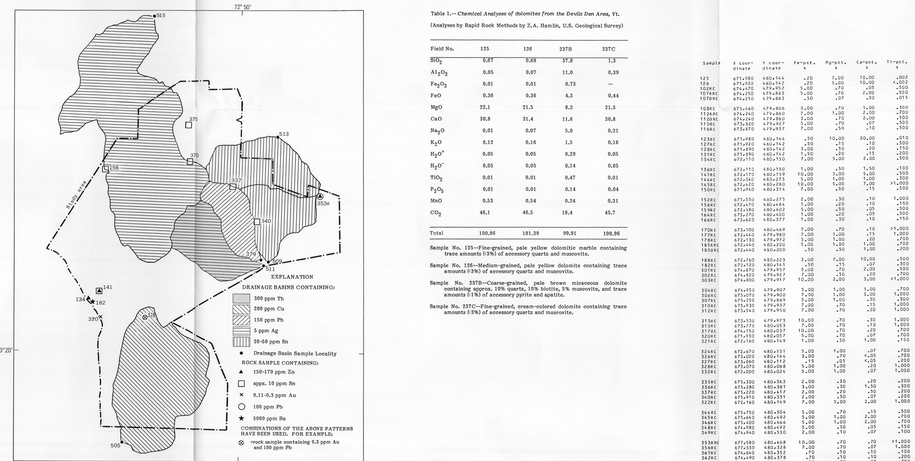


Figure 4.—Geochemically anomalous samples in the Devils Den Roadless Area and vicinity.

RUTLAND
WINDSOR
Rutland
Proctor
Pittsford
Chittenden
Mount Holly
Shrewsbury
Plymouth
Ludlow
Clarendon
Wallingford
Fivefield Pond
Tarbellville
Hedgehog
Middletown Springs
Poultney
Castleton
Fair Haven
West Rutland
Center Rutland