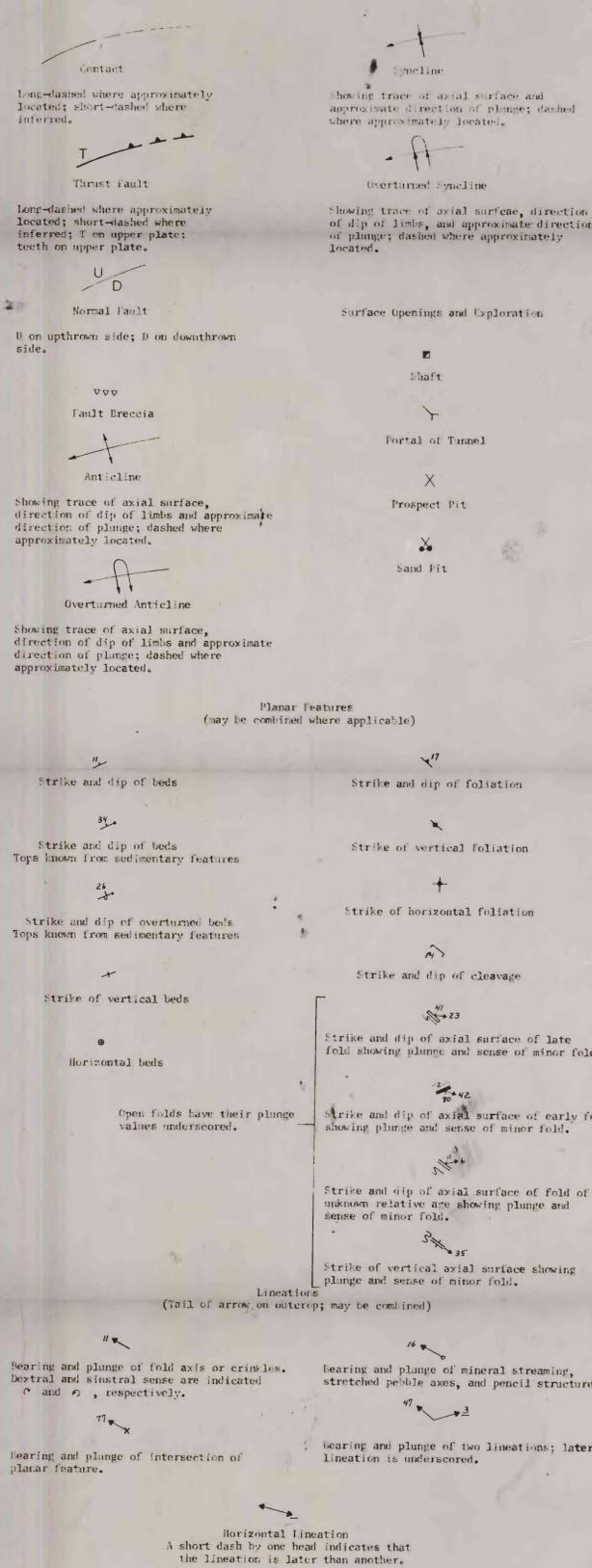


EXPLANATION - PLATES 1-5

Age	Symbol	Description
Age Unknown	U	Ultramafic rocks
	d	Ampibole Gneiss
		Cross-cutting, medium-grained, weakly foliated, plagioclase-hornblende-quartz rock in the Rowe Schist.
Middle Ordovician	Obs	Berkshire Schist
		Fine- to medium-grained, black, muscovite-quartzite with allite schist and phyllite with accessory chlorite, biotite, garnet, chloritoid, and carbonaceous dust. Basal beds include black schistose marble or black quartzite.
	Ob	Unconformity
		bascon Formation
		Fine- to medium-grained dolomitic marble, feldspathic marble, and minor schistose marble; mottled blue and buff to white; thin to 2 foot beds.
Lower Ordovician	Os	Shelburne Marble
		Medium- to coarse-grained, white calcite marble with minor very thin beds of schistose marble; 3 inch to massive beds.
Upper Cambrian	Ccs	Clarendon Springs Dolomite
		Fine- to medium-grained, gray to white dolomite marble and dolomitic marble with quartzitic lentils as much as 4 inches thick; spongy weathering where quartz-rich.
Middle Cambrian	Ckb	Kitchen Brook Dolomite
		Fine- to medium-grained, white to light bluish-gray or buff weathering dolomite marble; thin to 2 foot irregular beds.
	Cc	Cheshire quartzite
		Fine-grained, white, friable to vitreous quartzite; massive throughout.
	Cd	Balton Formation
		Interbedded feldspathic granulite, gneiss, and thin to massive (cdq) quartzites. Fissile carbonaceous muscovite-quartz schist at top and quartz-pebble conglomerate (cdc) at the base.
Lower Cambrian	Ch	Hoosac Formation
		Gray or brown quartz-muscovite-paragonite granular schist with abundant albite porphyroblasts and accessory chlorite and biotite; basal, black, muscovite-paragonite-quartz-garnet schist with chlorite and carbonaceous dust (Chc), sparsely conglomeratic and quartzitic at base.
	Chg	Hoosac Formation
		Gray-weathering, gray, green, or brown, albite-quartz-muscovite-paragonite schist with chlorite, biotite, garnet, and clinzoisite, quartz-muscovite-calcite schist (Chc), muscovite-paragonite-quartz-garnet schist (Chg) with chlorite, chloritoid, and albite. Basal, white to gray, quartz-microcline-albite-muscovite gneiss and granulite (Chh) with biotite, garnet, and magnetite; minor pebbly conglomerate in the north.
Precambrian	pCh	Hinsdale Gneiss
		Undifferentiated equigranular medium-grained felsic gneisses, quartzite, amphibolite, calc-silicate gneiss, and coarse-grained felsic gneiss with microcline porphyroblasts as much as 1 inch in diameter. Minor muscovite-quartz granulite gneiss.
	pCsg	Standard Granite Gneiss
		Very coarse-grained, white to brown weathering massive to foliated microcline (as much as 2 inches)-quartz-biotite augen gneiss with accessory muscovite, clinzoisite, garnet and opaque minerals.



Geology mapped in 1963, 1964, 1965 and 1966

SCALE 1:24,000

ROAD CLASSIFICATION

Heavy-duty, Medium-duty, Light-duty, Unimproved dirt, State Route

CONTOUR INTERVALS 10 AND 20 FEET (SEE DIAGRAM)

DATUM IS MEAN SEA LEVEL

U.S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

WINDSOR, MASS.
N4230-W7300/7.5
1960