

EXPLANATION
IGNEOUS AND METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS

OSm
Schist, amphibolite, greenstone, quartzite, slate, undifferentiated and mafic and felsic dikes and sills

INTRUSIVE IGNEOUS ROCKS

IPg
Alkalic granitic rocks

Dg
Granitic rocks

Du
Ultramafic rocks

METAMORPHOSED SEDIMENTARY AND VOLCANIC ROCKS

Dsl
Slate and phyllite; also arenaceous limestone

Sl
Arenaceous limestone; also slate and phyllite

Osm
Schist, marble, quartzite, and slate
Schist, most of it highly chloritic, predominates east of the Green Mountain anticlinorium; marble, quartzite, and slate occur west of the anticlinorium. The base of the section is not certainly known east of the anticlinorium.

GCa
Graphitic and nongraphitic phyllite and schist

Esg
Schist and gneiss
Commonly graphitic east of the Green Mountain anticlinorium.

PCg
Gneiss, carbonate rock, and quartzite
Chiefly gneiss; a small proportion of the gneiss may be derived from plutonic igneous rocks

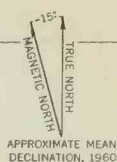
— Contact
Solid where based upon recent mapping, dashed where not verified by recent mapping

— Thrust fault
T, upper plate

— Anticlinorial axis
Dashed where approximately located

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ORDOVICIAN
SILURIAN AND
DEVONIAN

PERMIAN
OR TRIASSIC

DEVONIAN
ORDOVICIAN

DEVONIAN

SILURIAN

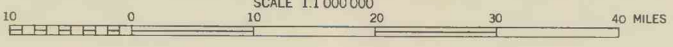
ORDOVICIAN

CAMBRIAN(?)
OR ORDOVICIAN(?)

CAMBRIAN

PRECAMBRIAN

GEOLOGIC SKETCH MAP OF VERMONT



Compiled by A. H. Chidester and W. M. Cady, 1955
Geology of north-central and northeastern Vermont is based in part upon reconnaissance carried out by W. M. Cady jointly with John Dennis and J. B. Thompson