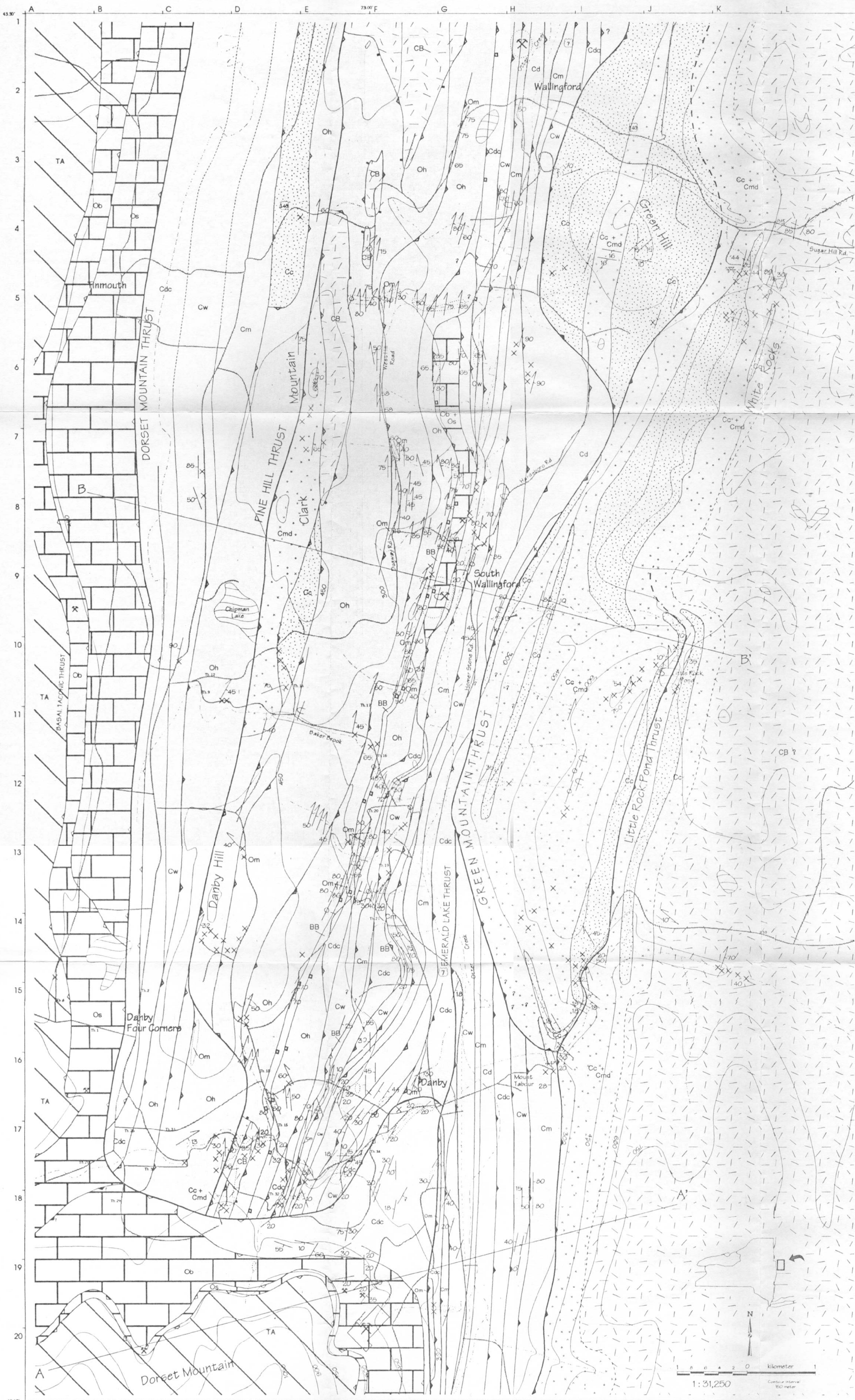


Geologic Map of the Vermont Valley and the western flank of the Green Mountains
between Dorset Mountain and Wallingford, Vermont



MAP UNITS:

TA Taconic Phyllites (Allochthon)

Ob Blue Marbles, undifferentiated

Os Shelburne Marble

Shelf sequence

Cdc Danby-Clarendon Springs Dolomite

Cw Winslow Dolomite

Cm Monkton Quartzite

Cd Dunham Dolomite

Siliciclastic Sequence

Cc Cheesbrough Quartzite (undifferentiated)
mainly schistose brownish quartzite,
upper part clean vitreous quartzite

Cmd Mendon Formation (undifferentiated)
mainly schistose quartzites,
mud metachistole, graywacke,
arenites/phyllites

unconformity ?

Green Mountain Basement (Grenville)
undifferentiated
Normal fault bounded where
not reactivated by later T2 thrust fault

BB mylonitic Baker Brook "Greenschist"
BAKER BROOK THRUST

Oh Hortonville Formation
black phyllites (Walloomsac FM)

k Manganese bearing
kaolin deposit

Om def. grey-white marble

EXPLANATION:

T1 thrust fault
Baker Brook Thrust
T2 thrust fault
T3 thrust fault
out of sequence
Normal fault
reactivated by later T2 thrust

formation boundary

observed outcrops

strike and dip of cleavage

strike and dip of bedding

vertical, overturned

stretching lineation

dike

kaolin mine (abandoned)

marble quarry

road number

contour lines

roads

streams

railroad track

USGS 7.5 QUADRANGLE TOPOGRAPHIC MAPS
Middletown
Springfield
Dorset
Wallingford
Danby

This map was produced with CoreDraw 5.0
and printed on a HP LaserJet 5 (scale 30/75)
Fieldwork was carried out on 1:24,000 topographic base
maps. The base maps were digitized, outcrops and
artificial topographic features entered on a scale of 1:24,000