

Description of Map Units

| | |
|----------------------------|--|
| Devonian | |
| Dog | New Hampshire Series Granite Fine-medium grained biotite granite with orbicules of gray phyllite Contacts modified from Konig and Dennis (1964). |
| Dg | Fine-medium grained biotite granite. Contacts modified from Konig and Dennis (1964). |
| Silurian-Devonian | |
| DSwrm | Waits River Formation Brown weathering, gray phyllitic and bedded sandy marble; interlayered with subordinate amounts of gray phyllite; marble "beds" can exceed 20' in thickness. |
| DSwri | Silvery gray phyllite interlayered with subequal amounts of phyllitic sandy marble and calcareous phyllite. |
| Silurian | |
| Sn | Northfield Formation Silvery gray - dark gray phyllite, phyllitic granofels, and gray quartzite; isolated phyllitic sandy marble layers may occur locally; sometimes rusty-weathering; composed primarily of sericite, chlorite, and quartz; crossed biotites are common. |
| Ss | Shaw Mountain Formation Brown weathering, white, dolomitic marble |
| Ordovician | |
| Ochg | Cram Hill Formation Dark green mafic schist (greenstone) composed primarily of albite and chlorite |
| Och | Dark gray - black rusty weathering phyllite and phyllitic granofels composed primarily of sericite, chlorite, quartz, +/- graphite; thin mafic schist layers occur locally. |
| Cambrian-Ordovician | |
| COM | Moretown Formation Grayish-green phyllitic granofels commonly with a "pinstriped" tectonic fabric; phyllitic and massive varieties are frequently interlayered; dominantly composed of quartz, chlorite, and sericite; thin gray phyllite layers are common near the eastern boundary; greenstone and metadiabase occur locally. |

Explanation of Map Symbols

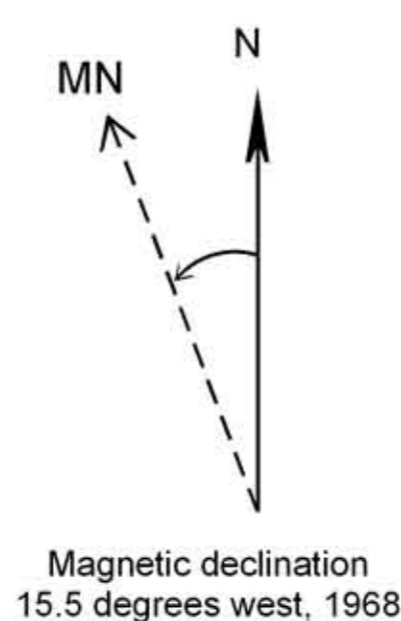
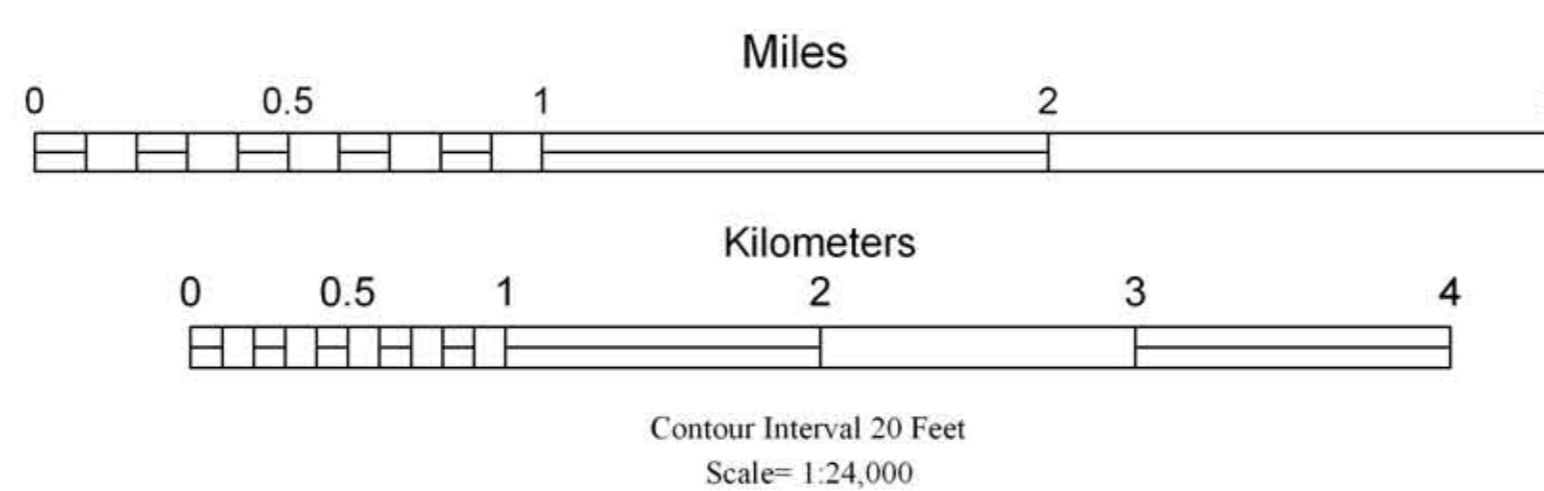
| | |
|-------------------------------------|---|
| Lithologic Contacts | |
| --- | approximate |
| — | known |
| Thrust Fault- 1st Generation | |
| —▲— | approximate |
| —▲— | known |
| Thrust Fault- 2nd Generation | |
| --- | approximate |
| — | known |
| Unconformity | |
| — — | |
| Garnet Isograd | |
| --- | modified from Konig and Dennis (1964) |
| Outcrop Locations | |
| ▲ | Field Stations - this study |
| ● | Selected Field Stations - Konig+Dennis (1964) |
| ■ | Selected Field Stations - Maynard (2004) |
| Structural Symbols | |
| ↗45 | Inclined dominant foliation |
| ↑ | Vertical dominant foliation |

References

- Konig, R.H. and Dennis, J.G., 1964, *The Geology of the Hardwick Area, Vermont Geological Survey Bulletin #24*, 57 p., 2 plates, scale 1:62,500.
- Maynard, D.M., 2004, *Surficial Geology of the Upper Reaches of the Wild Branch River Watershed, Craftsbury and Eden, Vermont*, prepared for the Vermont Geological Survey, 16 p., 3 plates.

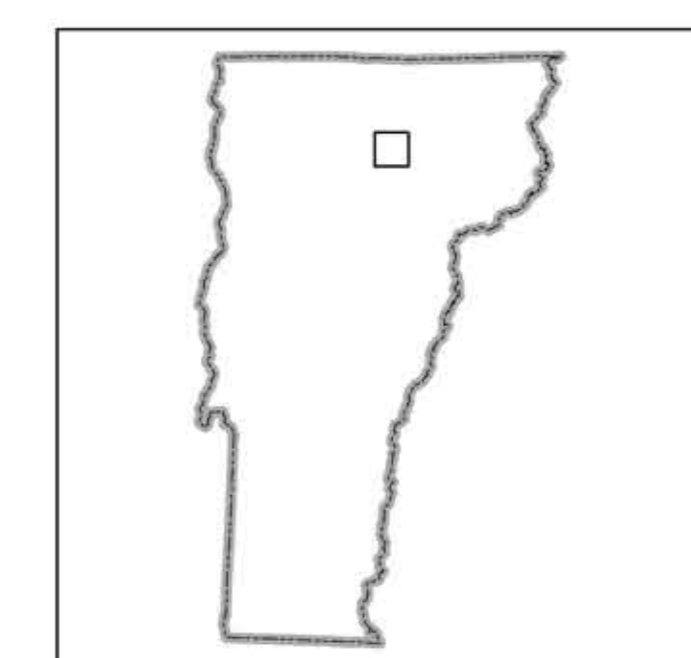
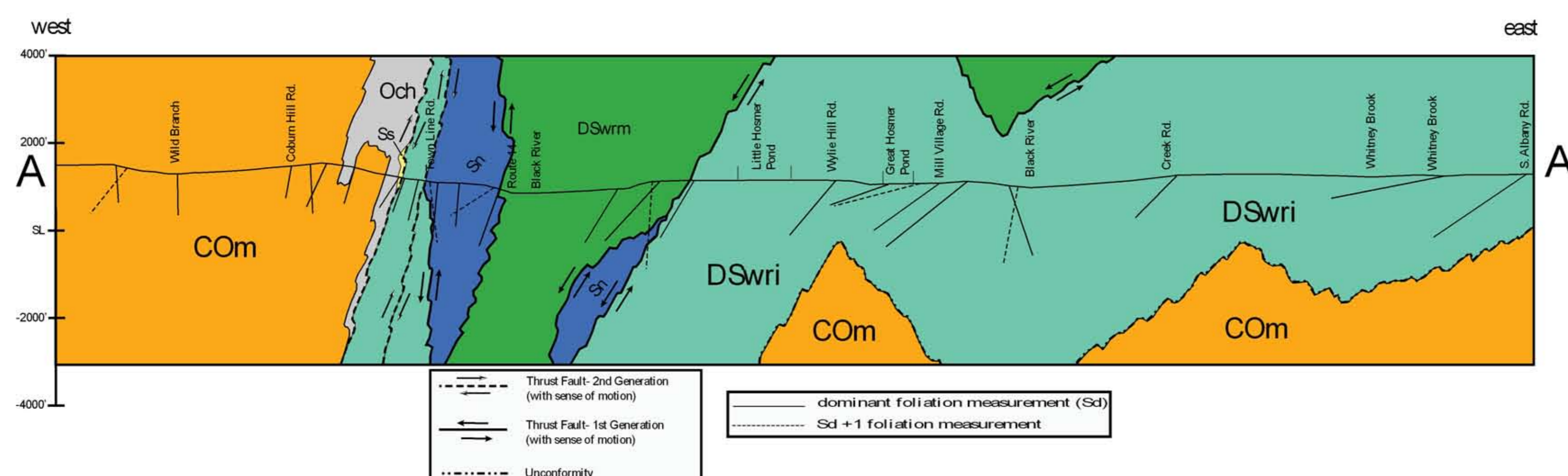
Base map from U.S. Geological Survey.
Quadrangle names printed in blue.
Coordinate System: Vermont State Plane, meters, NAD 83.
Grid overlay on map is Universal Transverse Mercator, Zone 18N, NAD 83.
Digital Cartography by Jonathan Kim and Marjorie Gale
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Bedrock Geologic Map of the Town of Craftsbury, Vermont

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