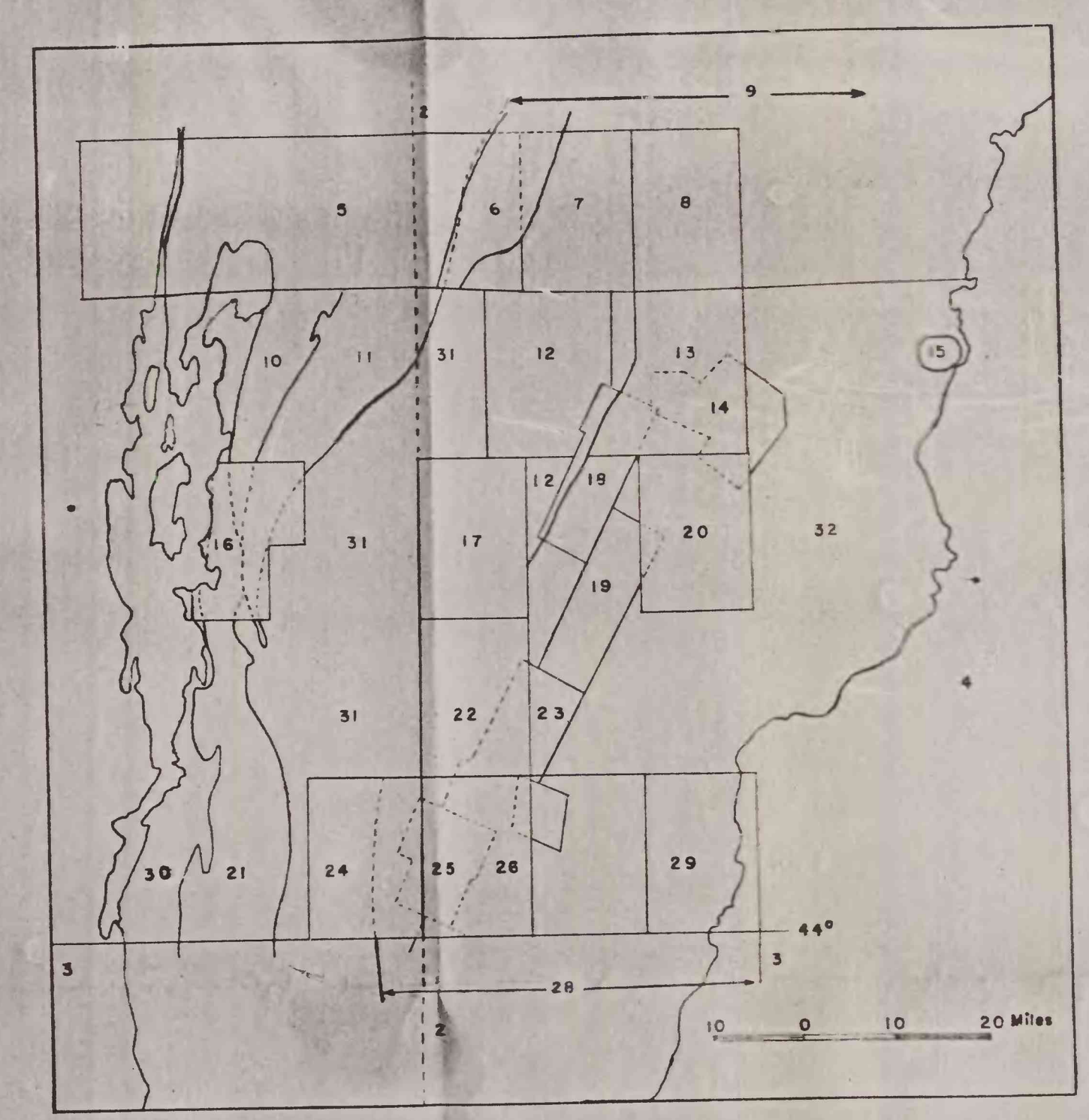
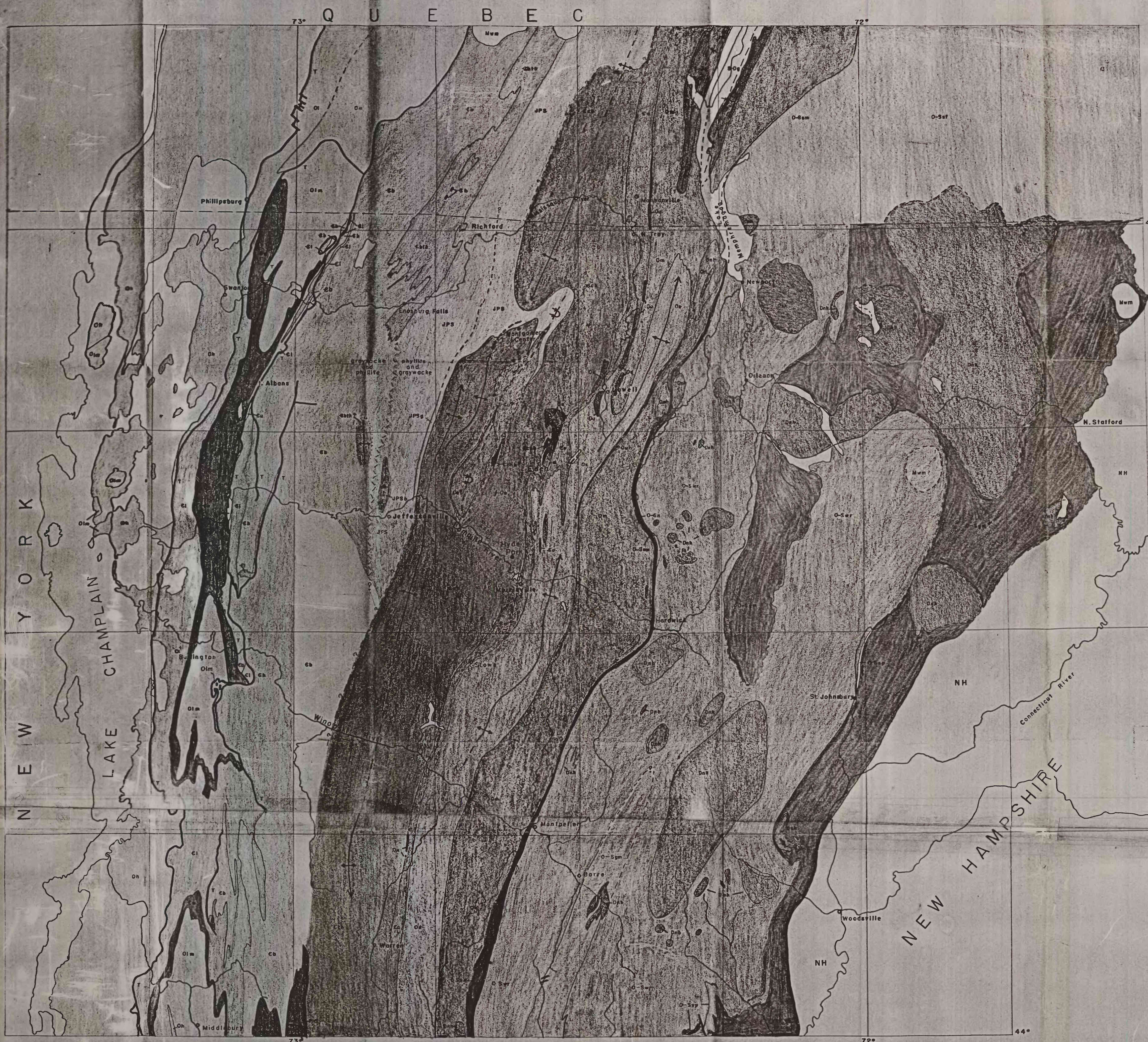


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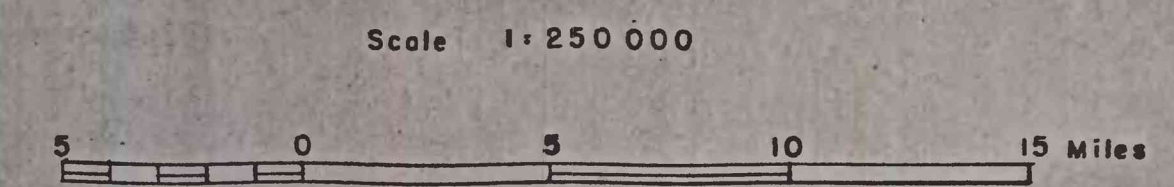
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57-1
Plate 4



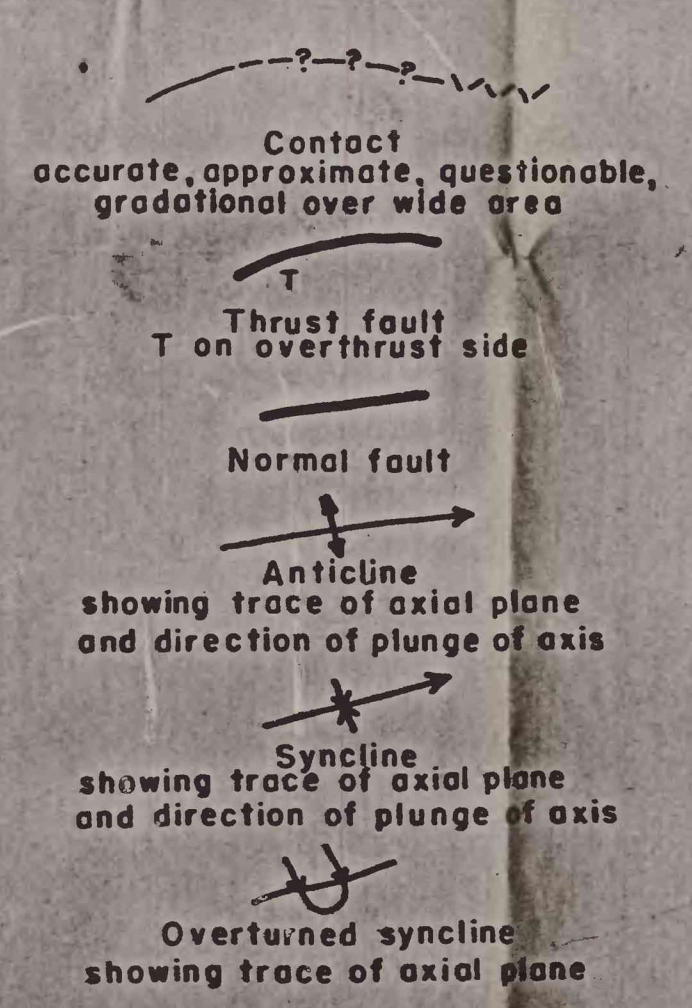
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VERMONT
GEOLOGY OF NORTHERN VERMONT AND SOUTH-CENTRAL QUEBEC



EXPLANATION

- Western Vermont sequence in northern Vermont**
- 0-5 Hortonville shale
 - 0-10 Undifferentiated Lower and Middle Ordovician
 - 0-10 Ol and Om where differentiated in Quebec
 - 0-10 Upper Cambrian
 - 0-10 Lower Cambrian; above Cheshire quartzite
- North-central Vermont sequence**
- 0-10 Basal Cambrian; includes Cheshire quartzite and Mendon-Dak Hill series
 - 0-10 Tibbit Hill schist
 - 0-10 Jay Peak series; includes black phyllite, black quartzite, and black limestone (JPSb), and black phyllite, quartzite, and greenstone (JPSg)
- Precambrian rocks**
- Eastern Vermont sequence in northern Vermont**
- 0-10 Undifferentiated New Hampshire sequence
 - 0-10 Gile Mountain formation
 - 0-10 Standing Pond amphibolite
 - 0-10 Waits River Formation
 - 0-10 Northfield slate
 - 0-10 Shaw Mountain formation; Sherbrooke group, in part, in Quebec
 - 0-10 Moretown and Cram Hill formation; Beauceville group, in part, in Quebec
 - 0-10 Umbrella Hill formation
 - 0-10 Stowe formation; designated Os in Foot Brook syncline
 - 0-10 Ottauquechee formation, Mansonville formation (part of Beauceville group) in Quebec; designated Os in Foot Brook syncline
 - 0-10 Camel Hump group. Where differentiated Belvidere Mountain amphibolite (Echb); designated Echb in Foot Brook syncline
 - 0-10 Precambrian rocks
- Plutonic rocks**
- 0-10 White Mountain magma series
 - 0-10 New Hampshire magma series
 - 0-10 Metamorphic rocks



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