

STRATIGRAPHY

PARAUTOCHTHONOUS SHELF & FLYSCH SEQUENCE

- 14

Forbes Hill pebbly mudstone
- 13

Hortonville Formation
- 12

Undivided Carbonates includes Glens Falls Limestone,
Isle La Motte Limestone, & Providence Island Formation

ALLOCHTHONOUS TACONIC SEQUENCE

Mount Hamilton Group

- 11

Poultney Formation
- Hatch Hill Formation
- 10

White Creek Member
- 9

Hatch Hill Formation
- 8

West Castleton Member
- 7

Middle Granville Slate
- 6

Browns Pond Formation

Nassau Group

- Bull Formation
- 5

Truthville Slate Member
- 4

Bomoseen Member
- 3

Mettawee Slate Facies
- 2

Undifferentiated Bull Formation

Allochthonous?

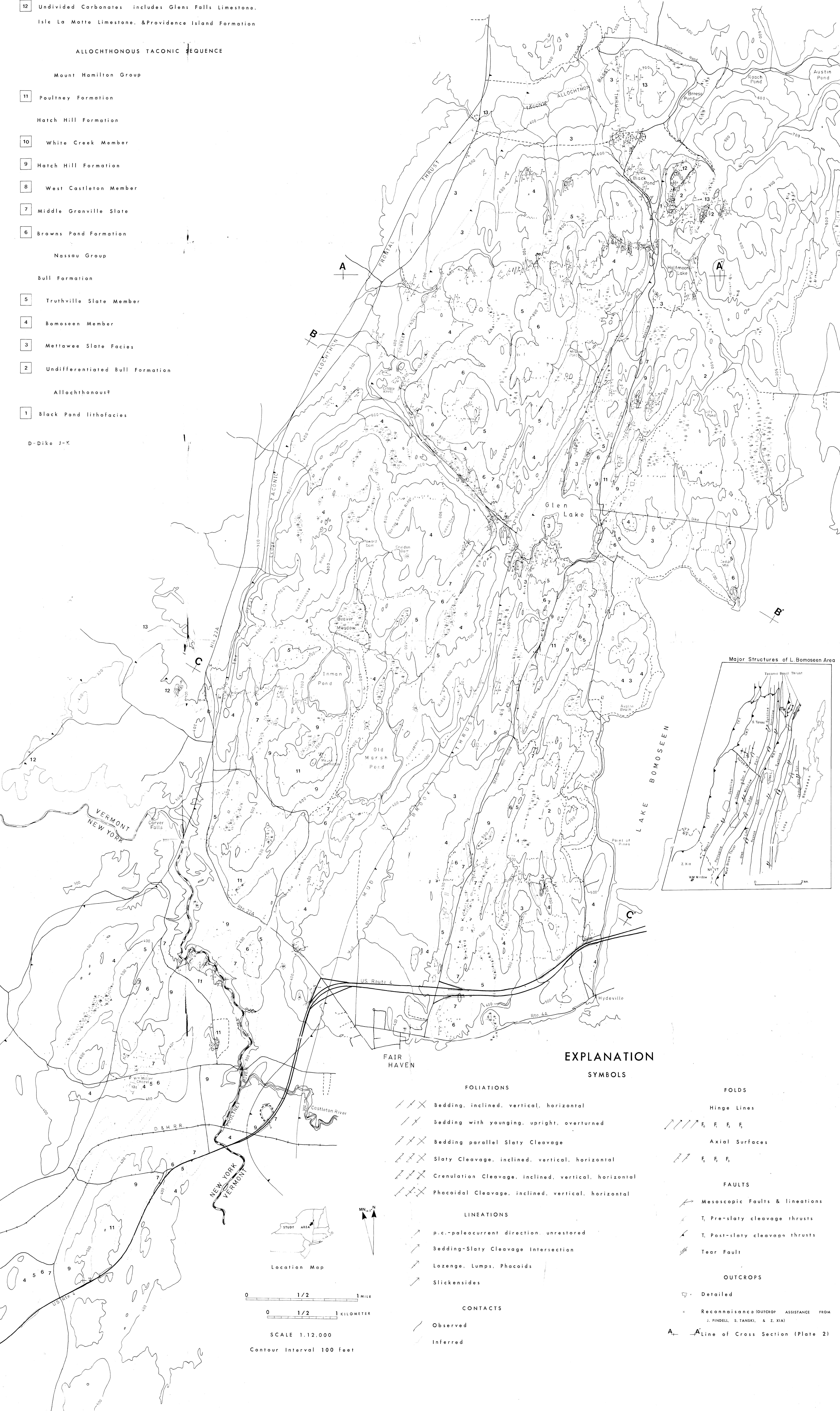
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Black Pond lithofacies

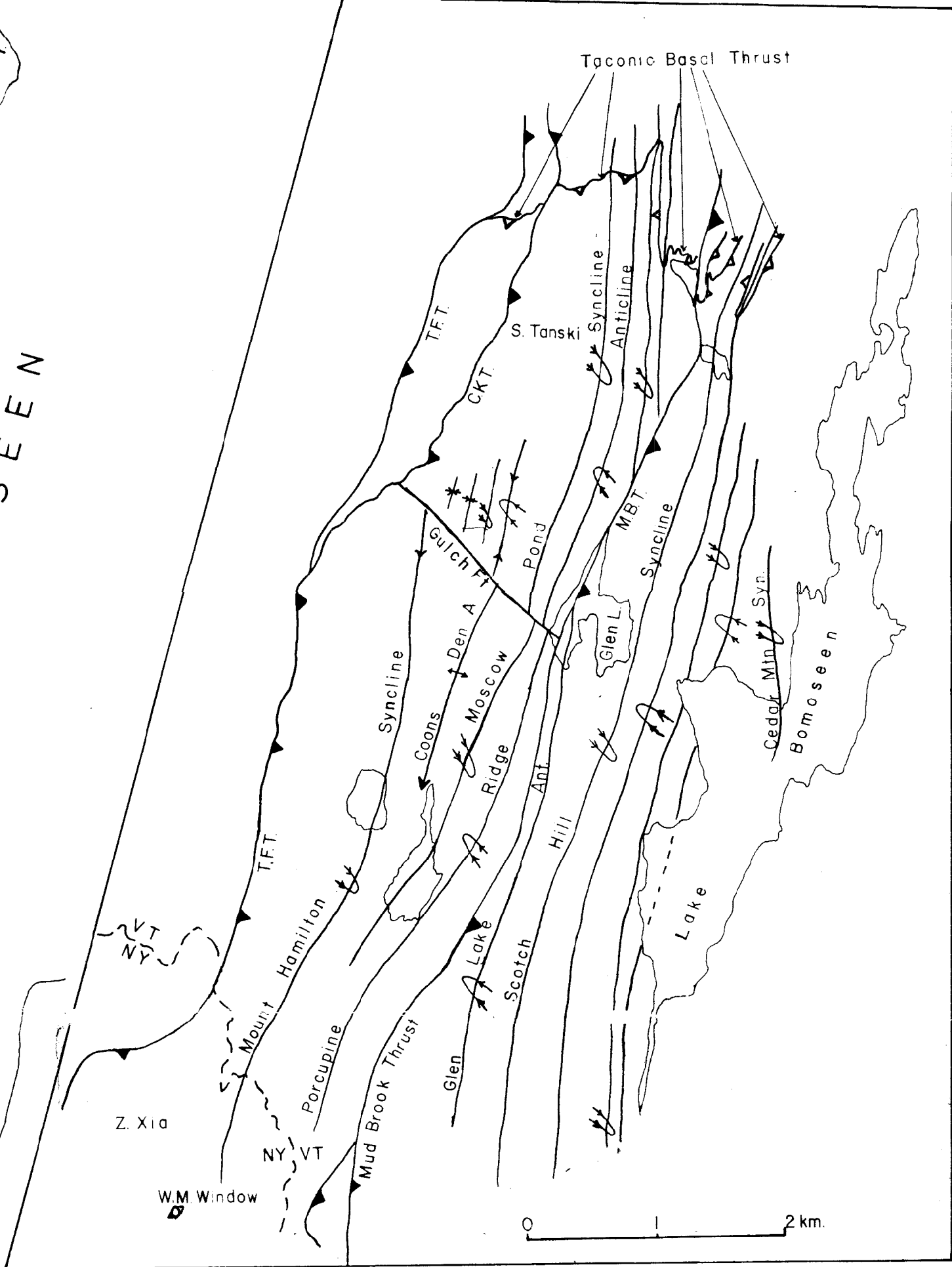
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GEOLOGICAL MAP OF THE LAKE BOMOSEEN AREA, VERMONT
NORTHERN TACONIC ALLOCHTHON & PARAUTOCHTHON

BY DAVID B. ROWLEY



Major Structures of L. Bomoseen Area



EXPLANATION

- | SYMBOLS | |
|-------------------|--|
| FOLIATIONS | |
| | Bedding, inclined, vertical, horizontal |
| | Bedding with younging, upright, overturned |
| | Bedding parallel Slaty Cleavage |
| | Slaty Cleavage, inclined, vertical, horizontal |
| | Crenulation Cleavage, inclined, vertical, horizontal |
| | Phacoidal Cleavage, inclined, vertical, horizontal |
| LINEATIONS | |
| | p.c.-paleocurrent direction, unrestored |
| | Bedding-Slaty Cleavage Intersection |
| | Lozenge, Lumps, Phacoids |
| | Slickensides |
| CONTACTS | |
| | Observed |
| | Inferred |
| FOLDS | |
| | Hinge Lines |
| | Axial Surfaces |
| FAULTS | |
| | Mesoscopic Faults & lineations |
| | T, Pre-slaty cleavage thrusts |
| | T, Post-slaty cleavage thrusts |
| | Tear Fault |
| OUTCROPS | |
| | Detailed |
| | Reconnaissance (OUTCROP ASSISTANCE FROM J. PINDELL, S. TANSKI, & Z. XIA) |
| | A-Line of Cross Section (Plate 2) |