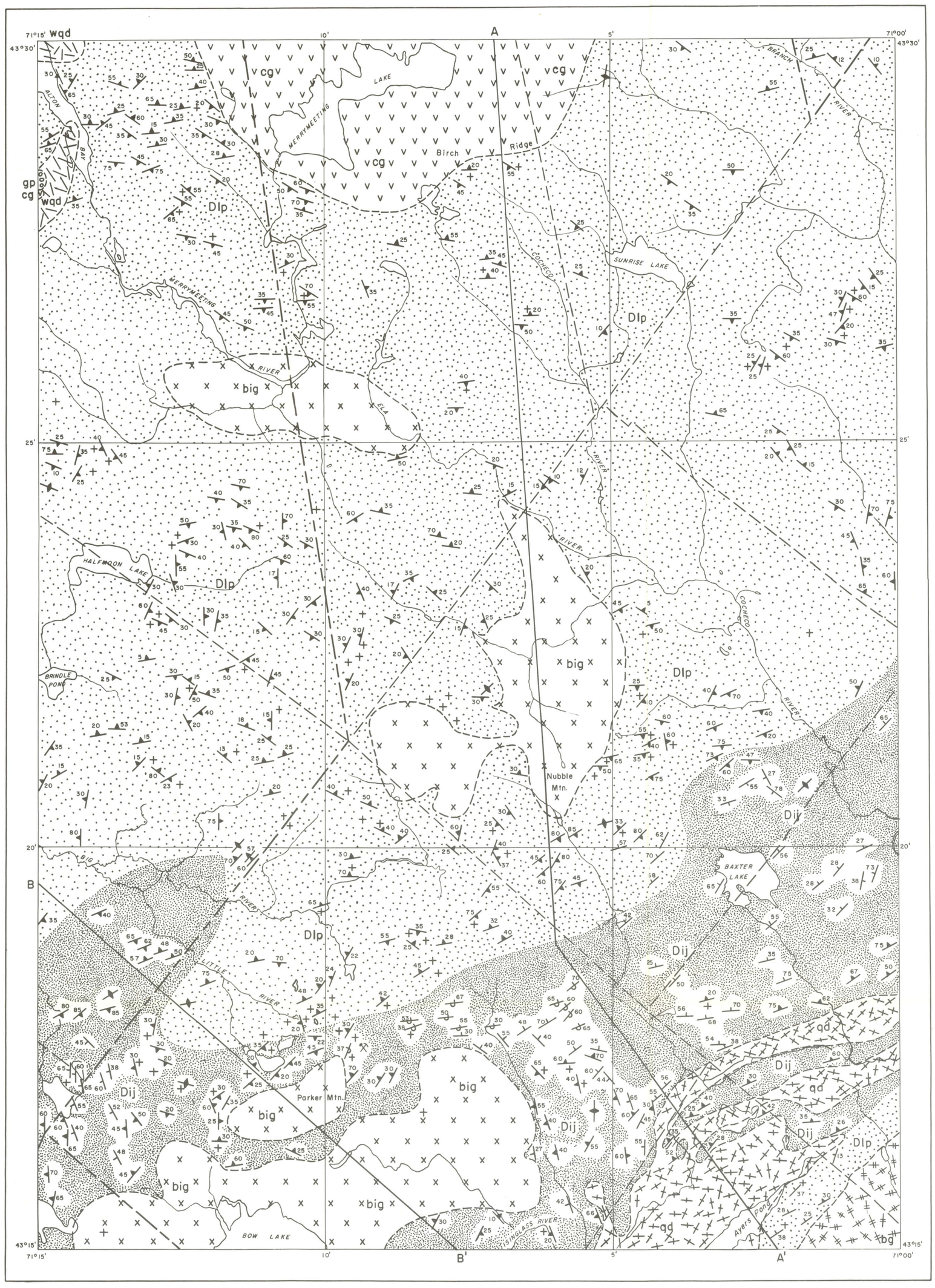
# GEOLOGIC MAP AND STRUCTURE SECTIONS
# ALTON QUADRANGLE
# NEW HAMPSHIRE




## LEGEND

METAMORPHIC AND IGNEOUS ROCKS

**PERMIAN-TRIASSIC?** — White Mountain Plutonic Series

- cg — Conway Granite
- gp — Granite porphyry

**EARLY DEVONIAN — LATE DEVONIAN?** — New Hampshire Plutonic Series

- Pegmatite
- bg — Biotite granite
- big — Binary granite
- wqd — Winnipesaukee quartz diorite
- qd — Quartz diorite

**EARLY DEVONIAN**

- Dij / Dlp — Littleton formation
  - Dij = Jenness Pond member
  - Dlp = Pittsfield member; including gneiss and pyrrhotitic schist

CONTACTS

Approximate and diagrammatic due to poor exposure

Indefinite as sharp contact is lacking

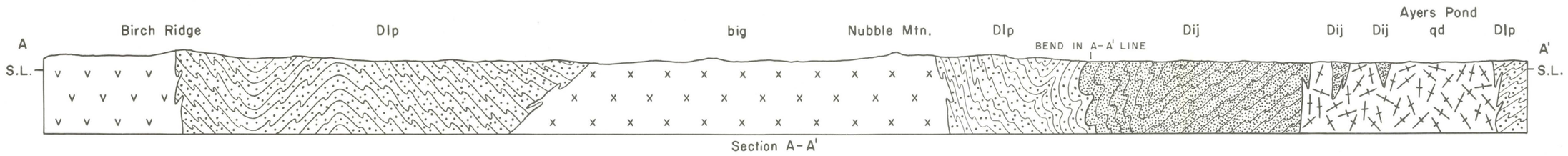
71 — Strike and dip of bedding

35 — Strike and dip of overturned beds (Used only where beds are known to be overturned.)

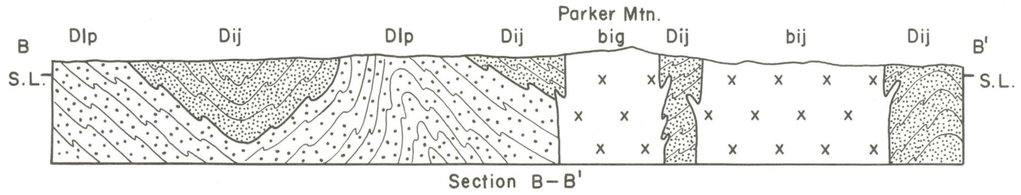
40 — Strike and dip of foliation

Strike of vertical foliation

Mine




Section A-A'




Section B-B'

1 0 1 2 3 4

SCALE IN MILES

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Geology by Glenn W. Stewart, 1961