

INDEX MAP with generalized geology of the metasediments
Cenozoic deposits and small intrusive bodies omitted for clarity

LITHOLOGY
Main and index map

- Metigneous rocks: amphibolites and plagioclase-quartz-muscovite gneiss
- Shear zones: cataclastic, mylonitic, brecciated country rock

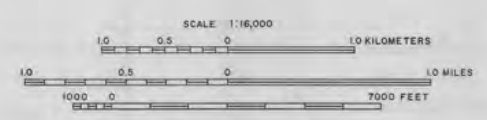
SYMBOLS
Main and index map

- Line symbols dashed where inferred, -? where location in doubt, relative to scale of map
- Outcrops
- MORGAN
- Quadrangle Name
- Strike and dip of bedding
- Contact
- Fault (U=D-normal fault; T=thrust fault. U, T on up-thrown block)
- Anticline
- Syncline

- Nash Formation
- Younger Formations of the Libby Creek Group: n-schist, phyllite; tp-gneiss, b-slate
- Superior Quartzite
- Lookout Schist
- Medicine Peak Quartzite
- Older Formations of the Libby Creek Group: d-diamictite, phyllite; b-metagreywacke; mpq, sq-quartzite; ls-metachert; metasilstone, mica schist and phyllite
- Deep Lake Formation: quartzite, amphibolite, phyllite, marble, conglomerate
- Precambrian Rocks South of the Mullen Creek-Nash Fork S.Z.
- Older Precambrian Rocks North of the Mullen Creek-Nash Fork S.Z.

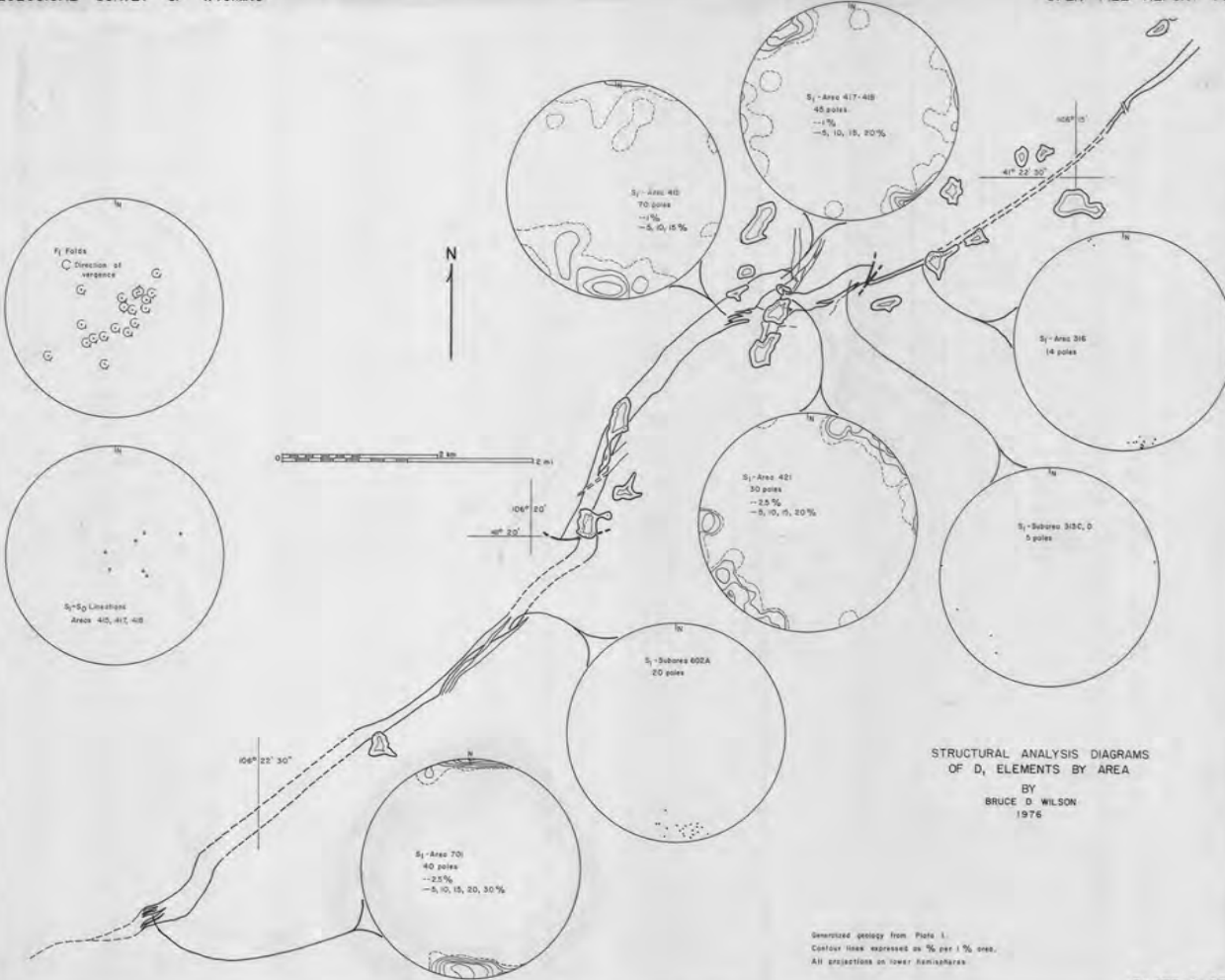
MAP OF OUTCROP AND STRUCTURAL GEOLOGY, PRECAMBRIAN LOOKOUT SCHIST, MEDICINE BOW MOUNTAINS, WYOMING

BY
BRUCE D. WILSON
1976



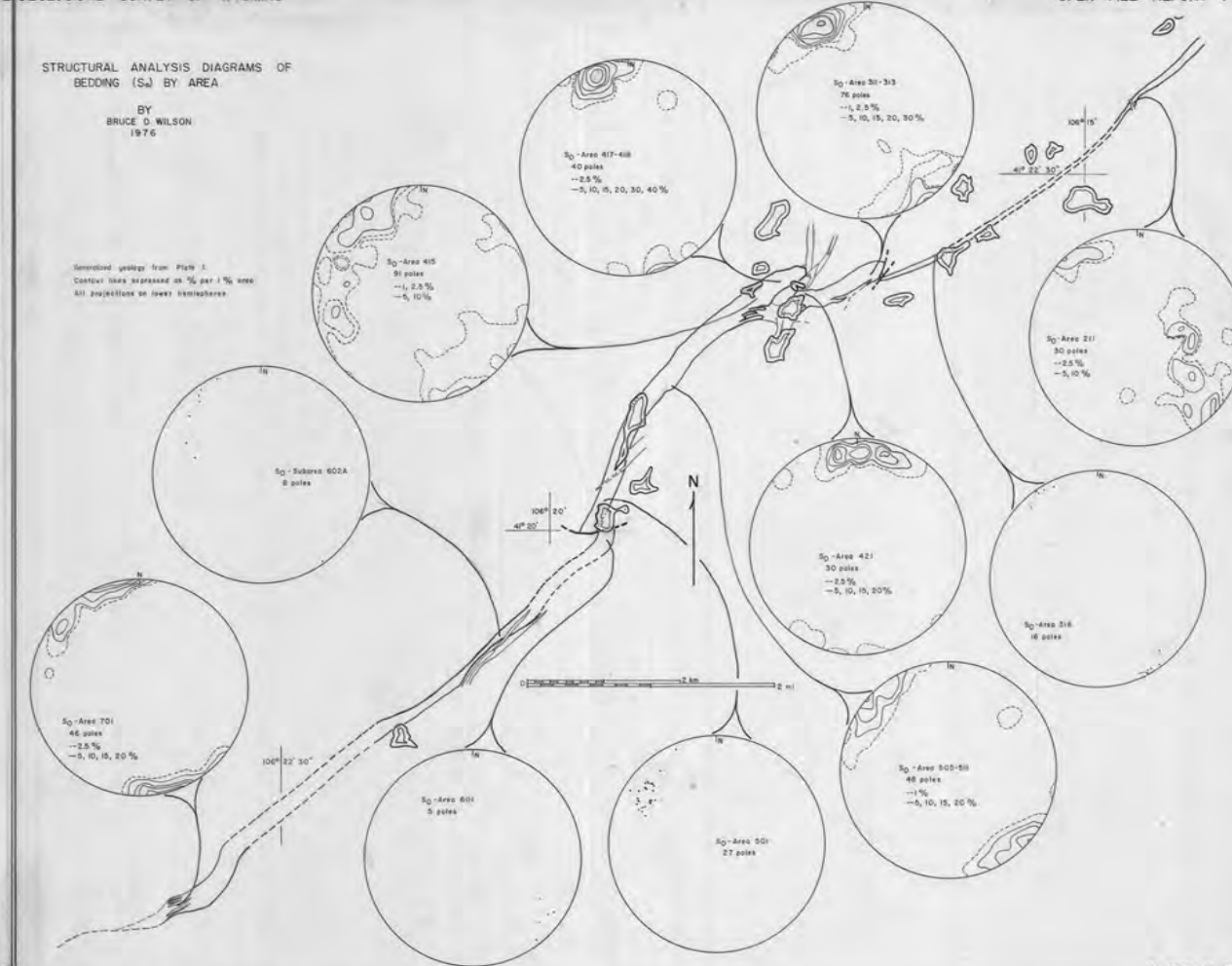
Outcrops and geology mapped on USGS (1958) and USFS (1965) airphotos, on file with the Wyoming Geological Survey
Topographic base by United States Geological Survey, 1961
Contour interval: 20 feet, north of Lat. 41° 22' 30", 40 feet, south of Lat. 41° 22' 30"
Datum is mean sea level

THIS REPORT HAS NOT BEEN REVIEWED FOR CONFORMITY WITH THE EDITORIAL STANDARDS OF THE GEOLOGICAL SURVEY OF WYOMING



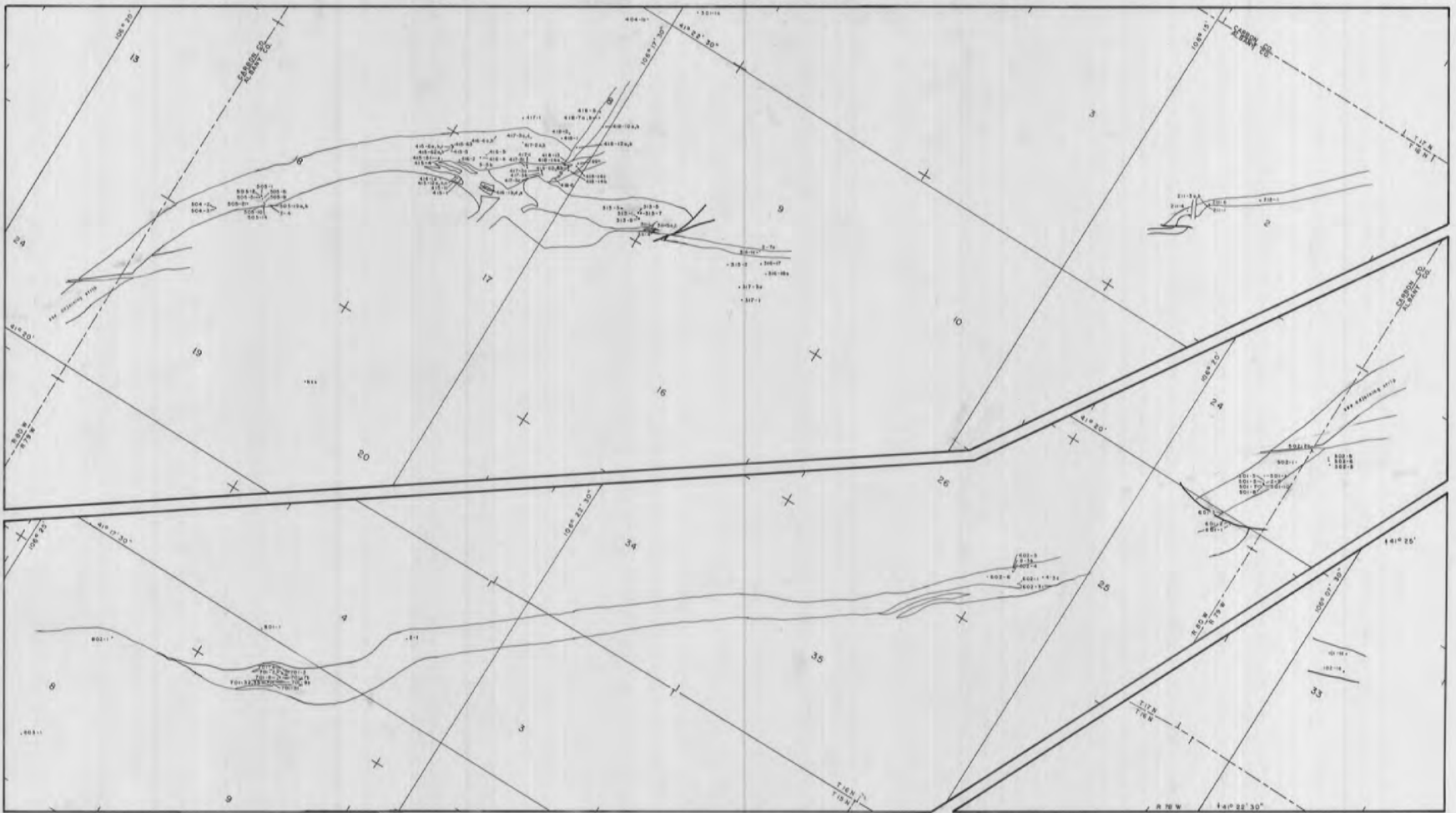
STRUCTURAL ANALYSIS DIAGRAMS OF D₁ ELEMENTS BY AREA
BY
BRUCE D. WILSON
1976

Generalized geology from Plate 1.
Contour lines expressed as % per 1% area.
All projections on lower hemisphere.



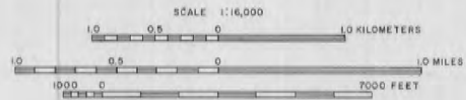
STRUCTURAL ANALYSIS DIAGRAMS OF BEDDING (S₀) BY AREA
BY
BRUCE D. WILSON
1976

Generalized geology from Plate 1.
Contour lines expressed as % per 1% area.
All projections on lower hemisphere.



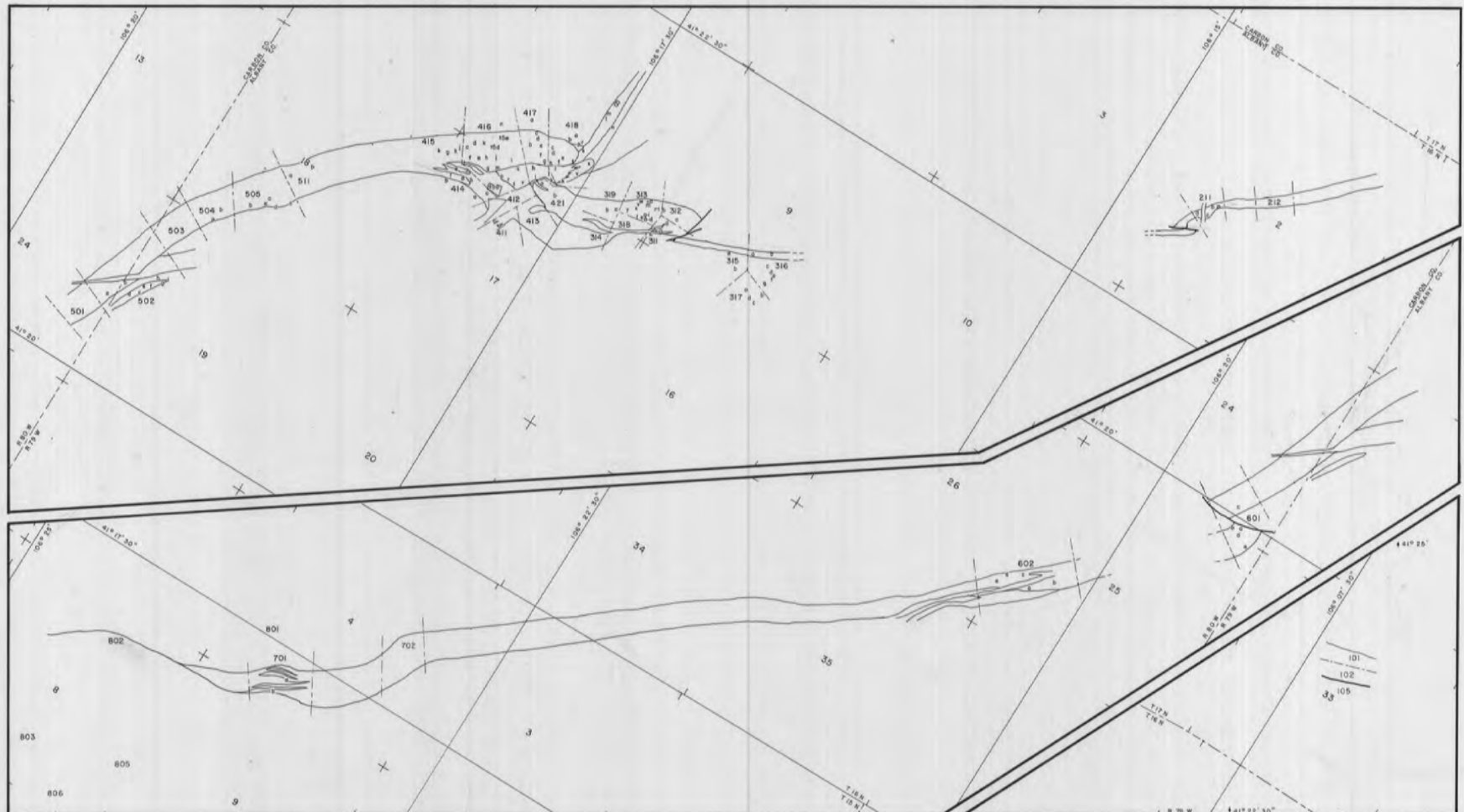
OVERLAY OF PLATE I, SHOWING LOCATIONS OF SAMPLES

BY
BRUCE D. WILSON
1976

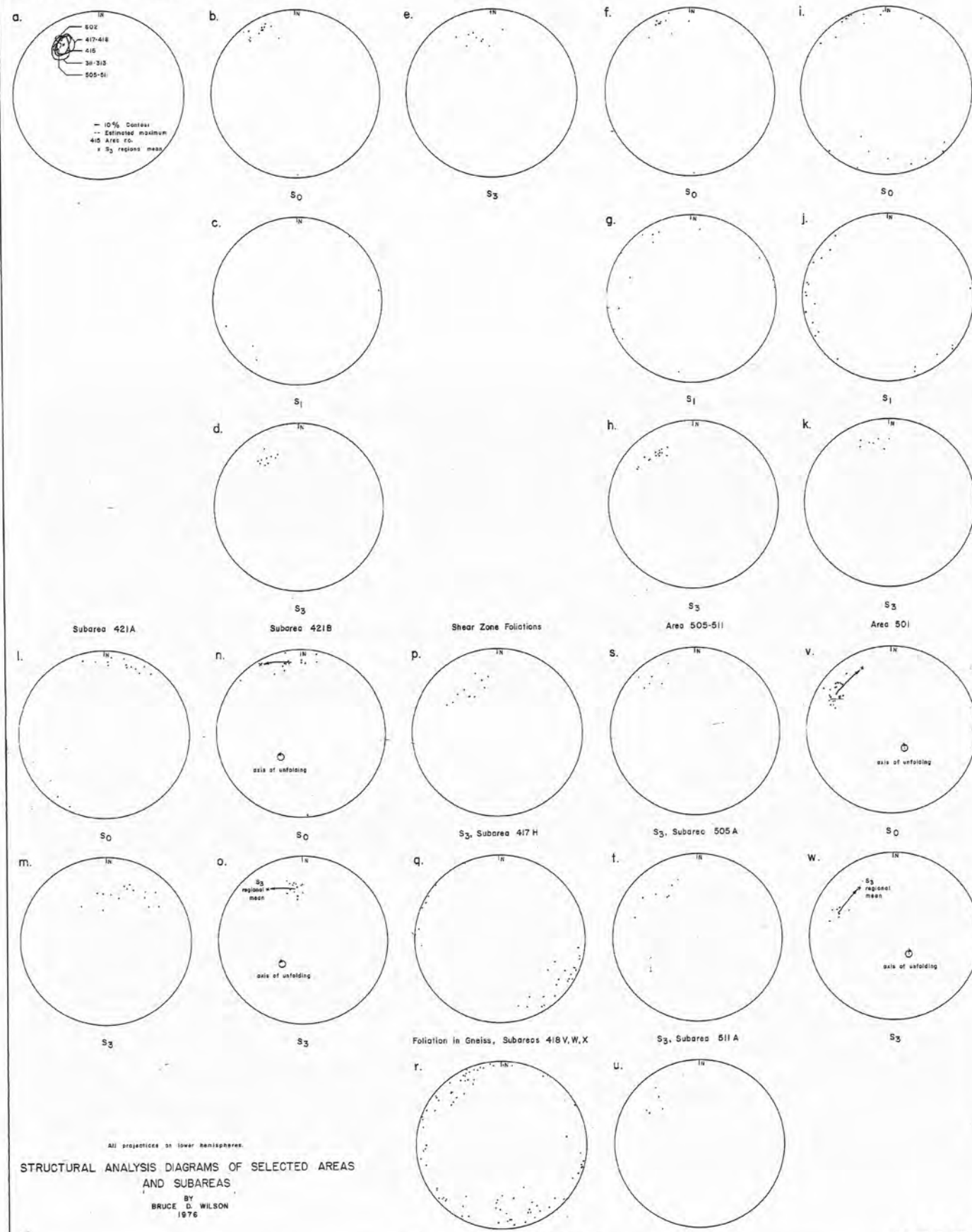


Geology simplified from Plate I
 Samples and this sections property of the Department of Geology, University of Wyoming

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Summary of S_3 in Regional Orientation



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