



PRE-CENOZOIC TECTONOSTRATIGRAPHIC TERRANES OF SOUTHEASTERN ALASKA AND ADJACENT AREAS

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Geologic rock in southeastern Alaska and adjoining British Columbia and Yukon from 10 tectonostratigraphic terranes, bounded by known and inferred faults. Each terrane is characterized by distinctive tectonostratigraphic elements that differ substantially from those of adjoining terranes. The tectonostratigraphic elements are described in detail for each terrane and their relationships to one another. The tectonostratigraphic elements are described in detail for each terrane and their relationships to one another. The tectonostratigraphic elements are described in detail for each terrane and their relationships to one another.

**EXPLANATION**

CR AD AN  
WR CH GNB  
TK TA ST CC

CONTACT  
UNDEFINED BOUNDARY OF TERRANE  
MAPPED THROAT FAULT, HEALTH ON UPPER PLATE  
MAPPED HIGH ANGLE FAULT, SHOWING REVERSE MOVEMENT, HEALTH ON LOWER PLATE  
DIP-SLIP THROAT FAULT, HEALTH ON UPPER PLATE  
INTERNAL FAULT  
Schematic terrane assignment

AREA OF STRUCTURAL DIAGRAM (FIG. 1)

INDEX MAP SHOWING LOCATION OF THIS REPORT

Albers Equal Area Projection  
SCALE 1:1,000,000

Base from National Atlas 1:2,000,000 series:  
SOUTHEASTERN ALASKA, SHEET NUMBER 37,  
U. S. Geological Survey, 1970

FIGURE 1. GENERALIZED COMPOSITE, SCHEMATIC, AND PROJECTED STRUCTURAL DIAGRAM ACROSS SOUTHEASTERN ALASKA AND ADJACENT BRITISH COLUMBIA, FROM QUEEN CHARLOTTE FAULT TO ATLIN, BRITISH COLUMBIA.

MAP SHOWING PRE-CENOZOIC TECTONOSTRATIGRAPHIC TERRANES OF SOUTHEASTERN ALASKA AND ADJACENT AREAS

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