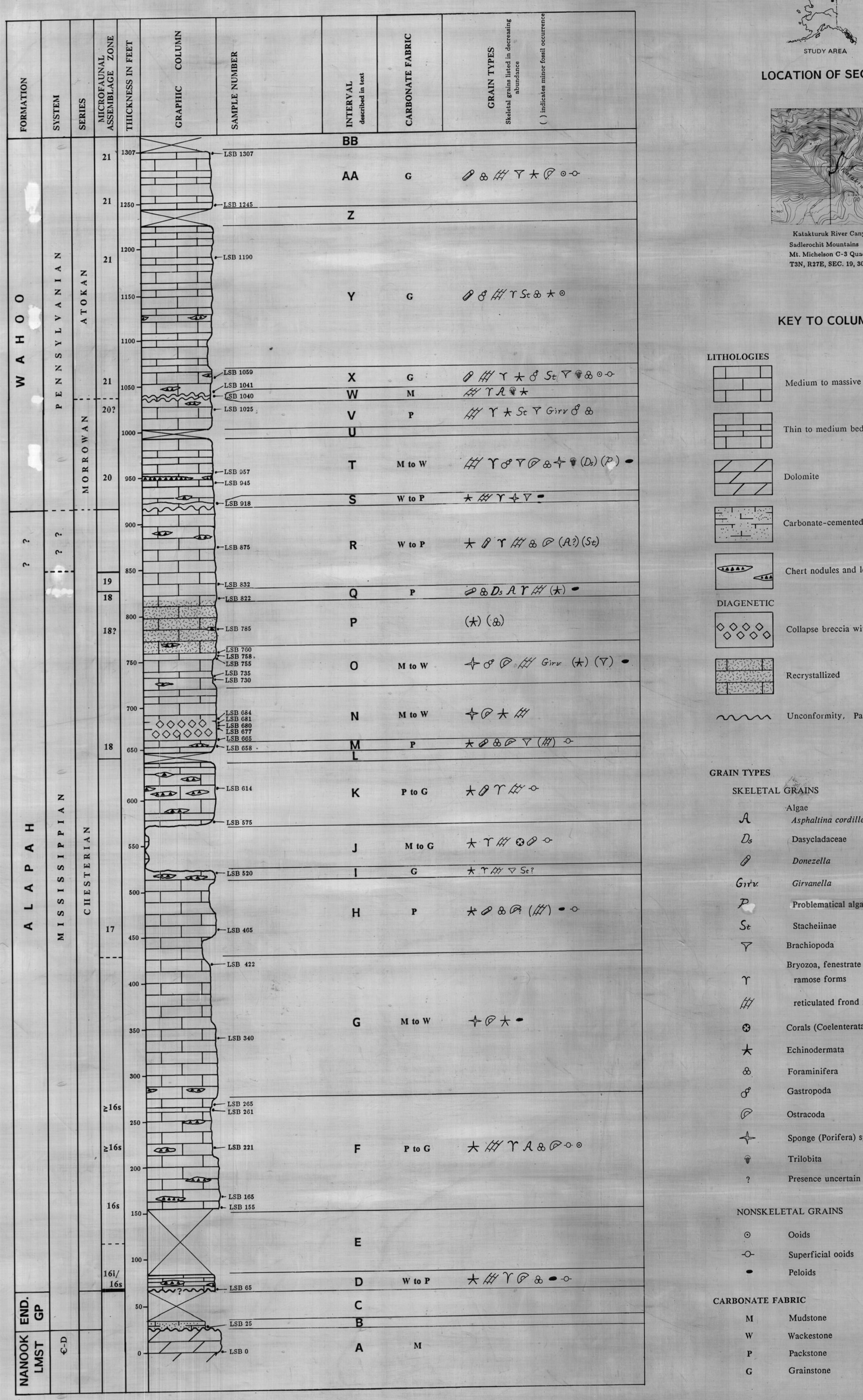
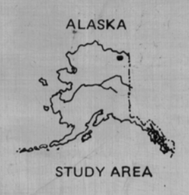
ALASKA DIVISION OF GEOLOGICAL &
GEOPHYSICAL SURVEYS

PUBLIC DATA FILE 86-86h
PLATE 1

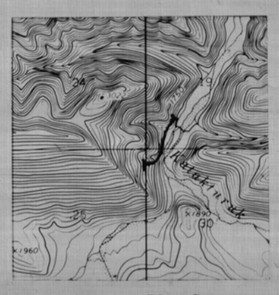
MEASURED STRATIGRAPHIC SECTION OF THE LISBURNE GROUP LIMESTONE (85LSB), WESTERN SADLEROCHIT MOUNTAINS, MT. MICHELSON C-3 QUADRANGLE, ALASKA

BY JAMES G. CLOUGH AND ARNE A. BAKKE





LOCATION OF SECTION



Katakturuk River Canyon
Sadlerochit Mountains
Mt. Michelson C-3 Quadrangle
T3N, R27E, SEC. 19, 30

KEY TO COLUMN

LITHOLOGIES

- Medium to massive bedded limestone
- Thin to medium bedded limestone
- Dolomite
- Carbonate-cemented sandstone
- Chert nodules and lenses

DIAGENETIC

- Collapse breccia with evaporite pseudomorphs
- Recrystallized
- Unconformity, Paraconformity

GRAIN TYPES

SKELETAL GRAINS

- A — Algae, *Asphaltina cordillerensis*
- Ds — Dasycladaceae
- *Donezella*
- Girv — *Girvanella*
- P — Problematical algal form
- St — Stacheiinae
- Brachiopoda
- Bryozoa, fenestrate
- ramose forms
- reticulated frond forms
- Corals (Coelenterata)
- Echinodermata
- Foraminifera
- Gastropoda
- Ostracoda
- Sponge (Porifera) spicules
- Trilobita
- ? — Presence uncertain

NONSKELETAL GRAINS

- Ooids
- Superficial ooids
- Peloids

CARBONATE FABRIC

- M — Mudstone
- W — Wackestone
- P — Packstone
- G — Grainstone

This report is a preliminary publication of DGGS. The author is solely responsible for its content and will appreciate candid comments on the accuracy of the data as well as suggestions to improve the report.

Alaska Department of NATURAL RESOURCES