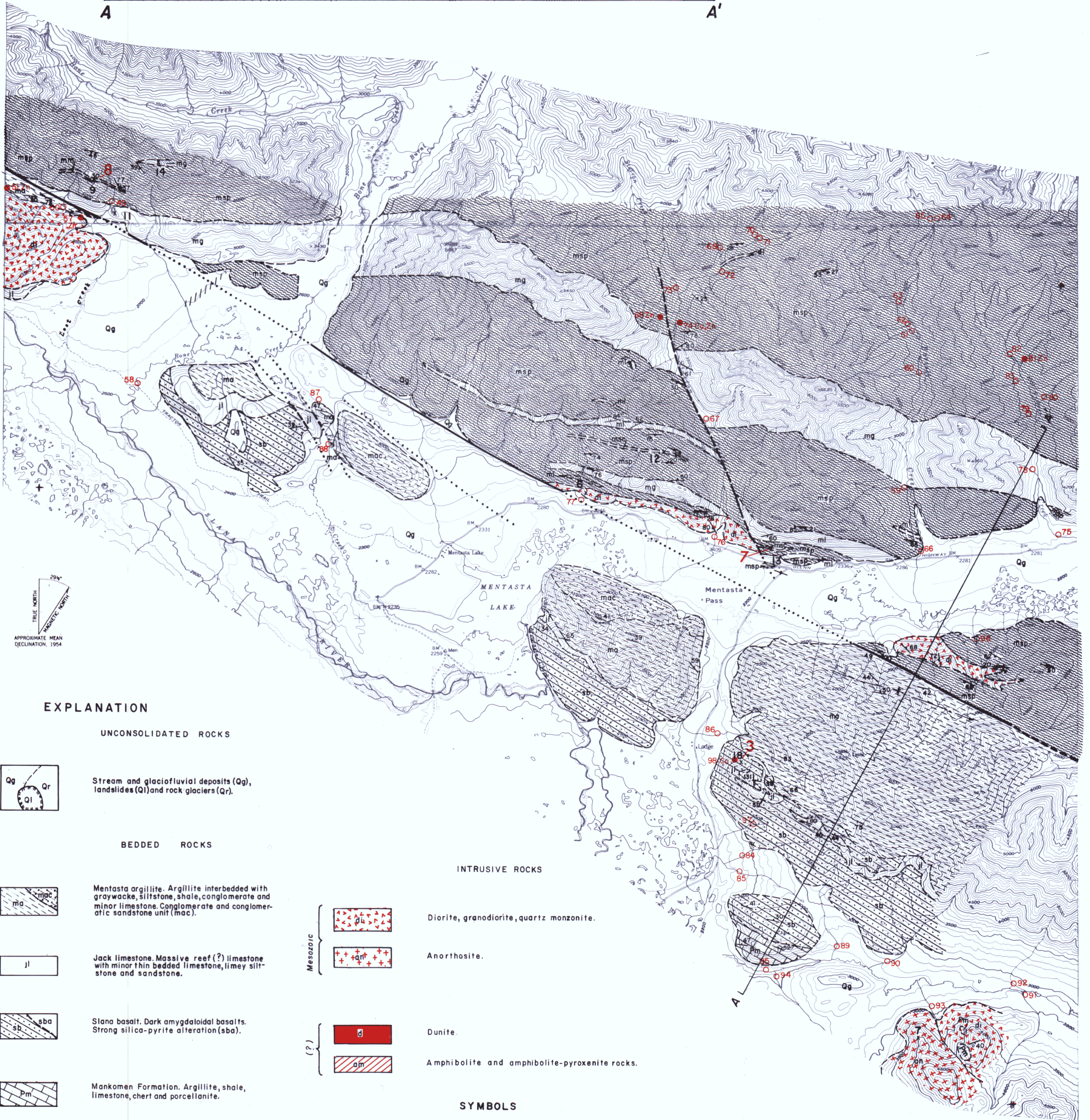
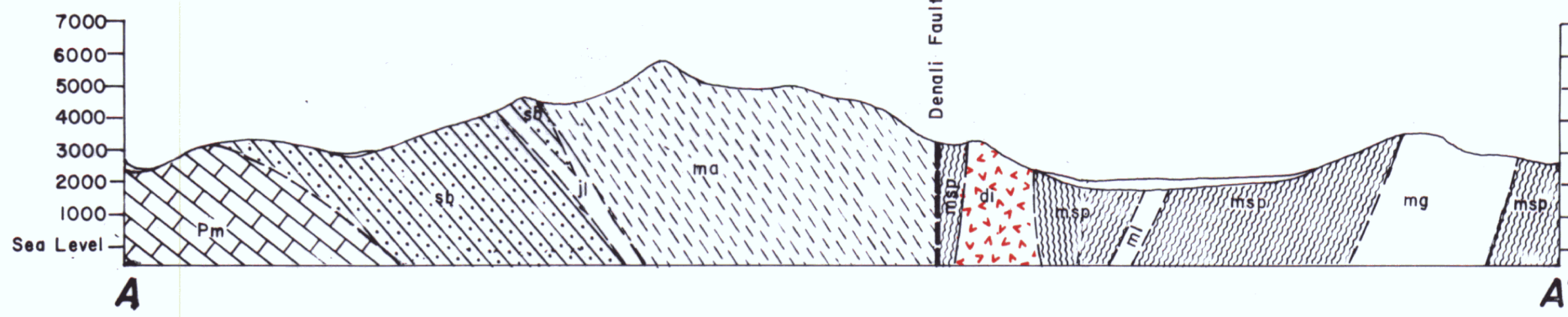
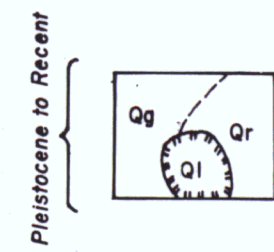


Figure 2
Geological map of upper Slana-Mentasta Pass area, Alaska (East half)



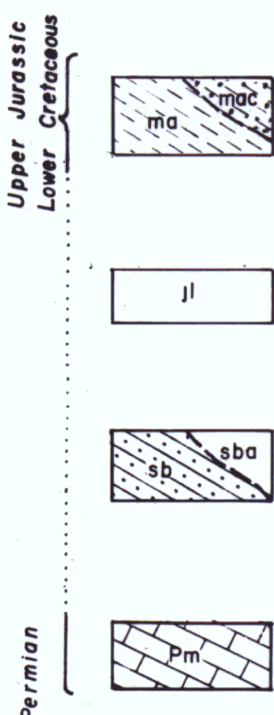
EXPLANATION

UNCONSOLIDATED ROCKS



Stream and glaciofluvial deposits (Qg), landslides (Ql) and rock glaciers (Qr).

BEDDED ROCKS



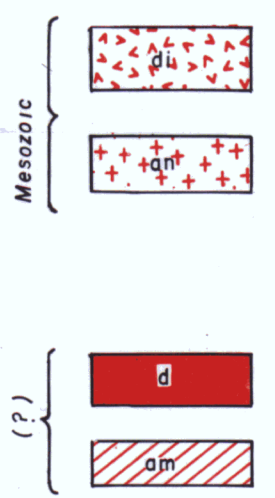
Mentasta argillite. Argillite interbedded with graywacke, siltstone, shale, conglomerate and minor limestone. Conglomerate and conglomeratic sandstone unit (mac).

Jack limestone. Massive reef (?) limestone with minor thin bedded limestone, limy siltstone and sandstone.

Slana basalt. Dark amygdaloidal basalts. Strong silica-pyrite alteration (sba).

Mankomen Formation. Argillite, shale, limestone, chert and porcellanite.

INTRUSIVE ROCKS



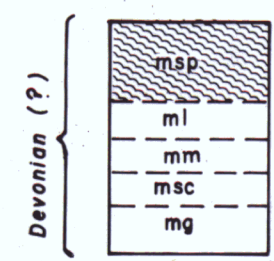
Diorite, granodiorite, quartz monzonite.

Anorthosite.

Dunite.

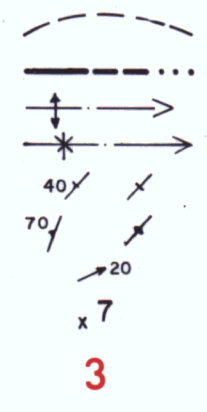
Amphibolite and amphibolite-pyroxenite rocks.

METAMORPHIC ROCKS



Quartz mica schist, phyllite and slate (msp), limestone (ml), marble (mm), serpentine and serpentine-chlorite schist (msc), and greenstone (mg).

SYMBOLS



Contact: approximate and/or inferred

Fault: known, inferred and concealed

Anticline, showing plunge

Syncline, showing plunge

Attitude of inclined and vertical bedding

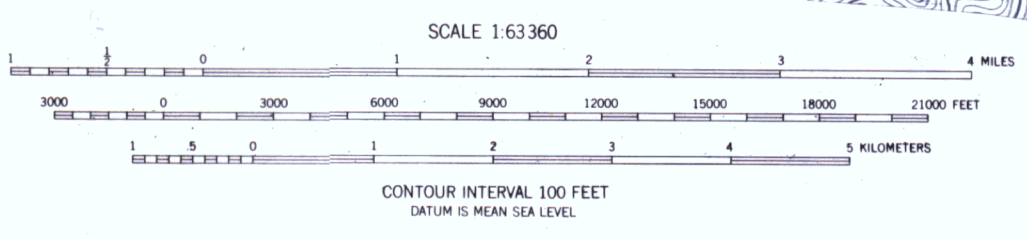
Attitude of inclined and vertical foliation

Lineation, showing plunge

Location and number of analyzed rock or ore mineral sample

Mineral locality discussed in text

Location and number of geochemical stream sample, solid circle denotes anomaly in elements shown



Geology by D.H. Richter, 1966, assisted by J.M. Britton
 Topography from U.S. Geological Survey Gulkana D-1, Mt. Hayes A-1, Nabesna D-6, and Tanacross A-6 quadrangles.

610 74Cu,Zn ●