

140 A

**LEGEND**

**QUATERNARY**  
RECENT AND PLEISTOCENE  
Q  
Superficial deposits  
(Chiefly gravel, sand, clay, silt, peat, and mud ground-ice)

**MESOZOIC**  
CRETACEOUS AND UPPER CARBONIFEROUS (part including some Permian)  
K-C  
Chiefly shales, sandstones, grey shales, conglomerates, shales and quartzites, with occasional beds of fine sand interstratified with lower members

**PALEOZOIC**  
CARBONIFEROUS  
C  
Pennsylvanian and Mississippian  
(Chiefly shales in greenish limestone and quartzite, with occasional beds of sandstone and conglomerate)

**DEVONIAN, SILURIAN, ORDOVICIAN, AND CAMBRIAN**  
D-61  
Chiefly limestone and dolomite with occasional interstratified quartzite beds. Shales characteristically very siliceous. May include small areas of C

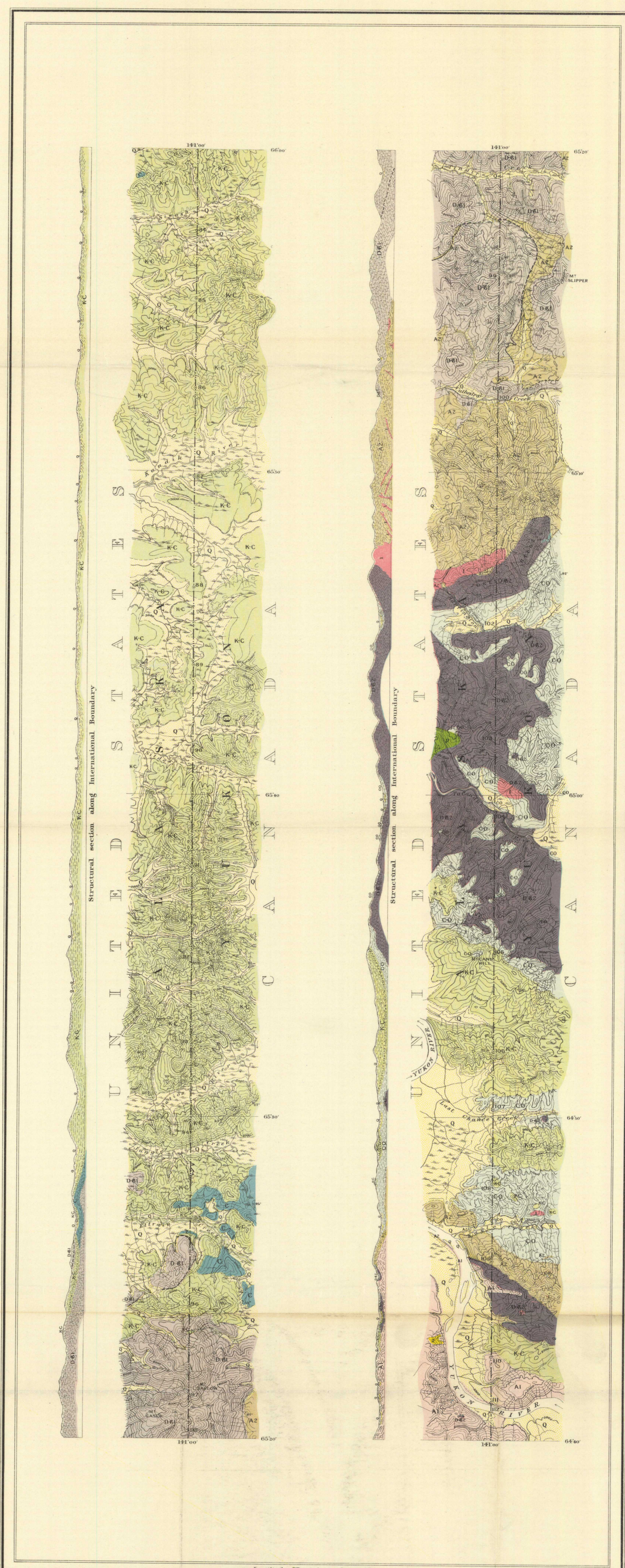
**PRE-CAMBRIAN?**  
LOWER CAMBRIAN OR PRE-CAMBRIAN  
A-2  
Tindir group  
(Chiefly quartzites, shales, shales, gneisses, conglomerates and gneisses)

A-1  
Yukon group  
(Chiefly schists, amphibolites, quartzite schists, and some shales, with occasional limestone beds)

**IGNEOUS ROCKS**  
MESOZOIC?  
Z  
Granite, granodiorite, diorite, and related types having a granitic habit

PRE-MIDDLE CAMBRIAN, OR EARLY DEVONIAN  
I  
Diorite, gabbro, and other basic igneous intrusives

**SYMBOLS**  
Geological boundary (observed)  
Geological boundary (probable)  
Fault (observed)  
Fault (probable)  
Dip and strike



**LEGEND**

Culture  
Boundary Survey trail  
Boundary and Monuments  
Water  
Rivers and streams  
Marshes  
Relief  
Contours (showing land forms)  
Interval: 200 feet

Longitude West from Greenwich

CO. Semple, Geographer and Chief Draughtsman  
A. Bradwood, Draughtsman

MAP H-0 A  
(Second 1912)

**YUKON-ALASKA INTERNATIONAL BOUNDARY  
BETWEEN YUKON AND PORCUPINE RIVERS  
(Southern Sheet)**

Scale 1:50,000  
Miles  
Kilometres

TOPOGRAPHY  
BASE-MAP REPRODUCED FROM MAPS OF THE  
INTERNATIONAL BOUNDARY COMMISSION  
GEOLOGY  
D. D. CAIRNES  
1911, 1912

Note: For practical purposes assume  
2 MILES TO 1 INCH

To accompany Memoir by D. D. Cairnes.

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