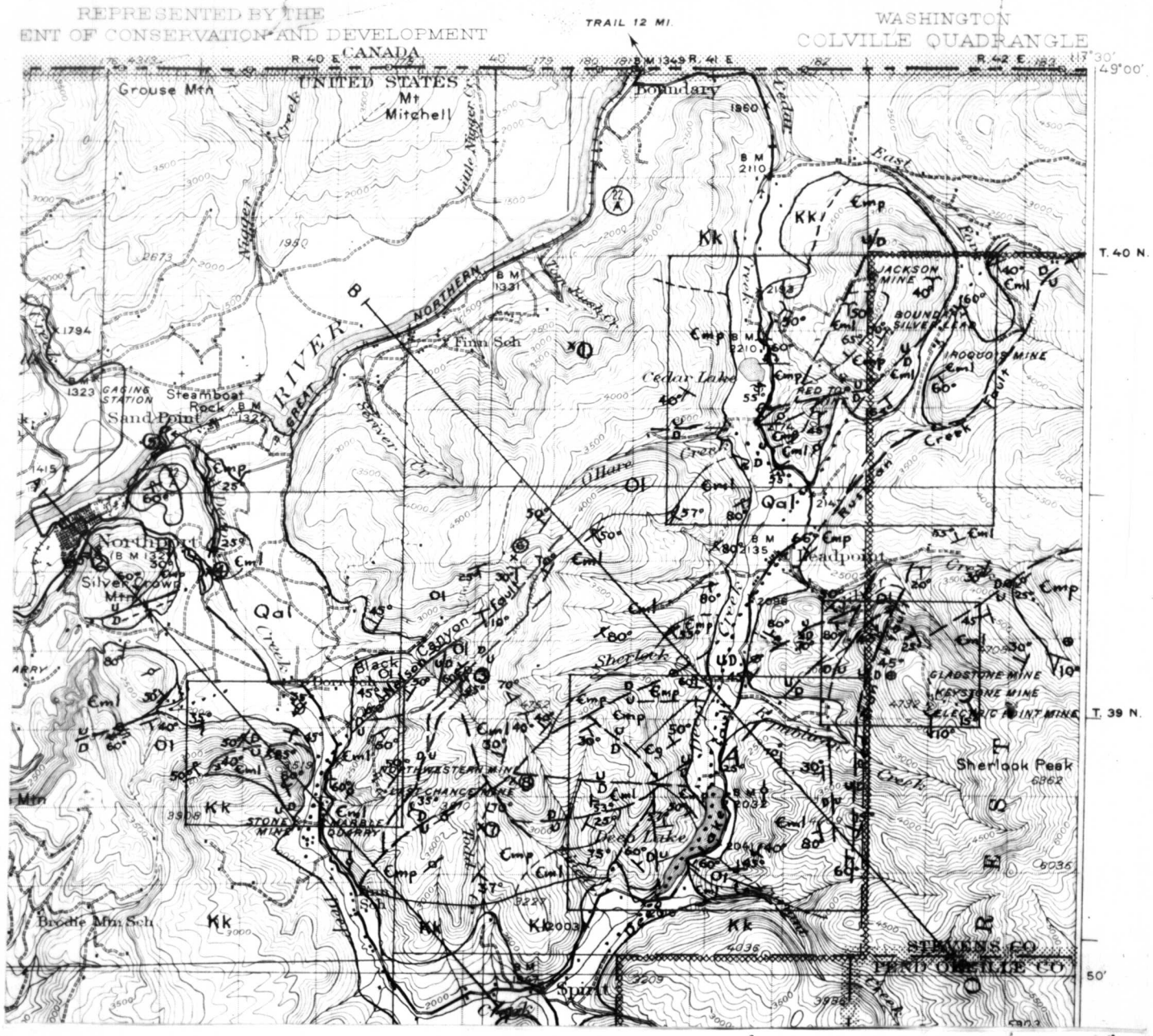
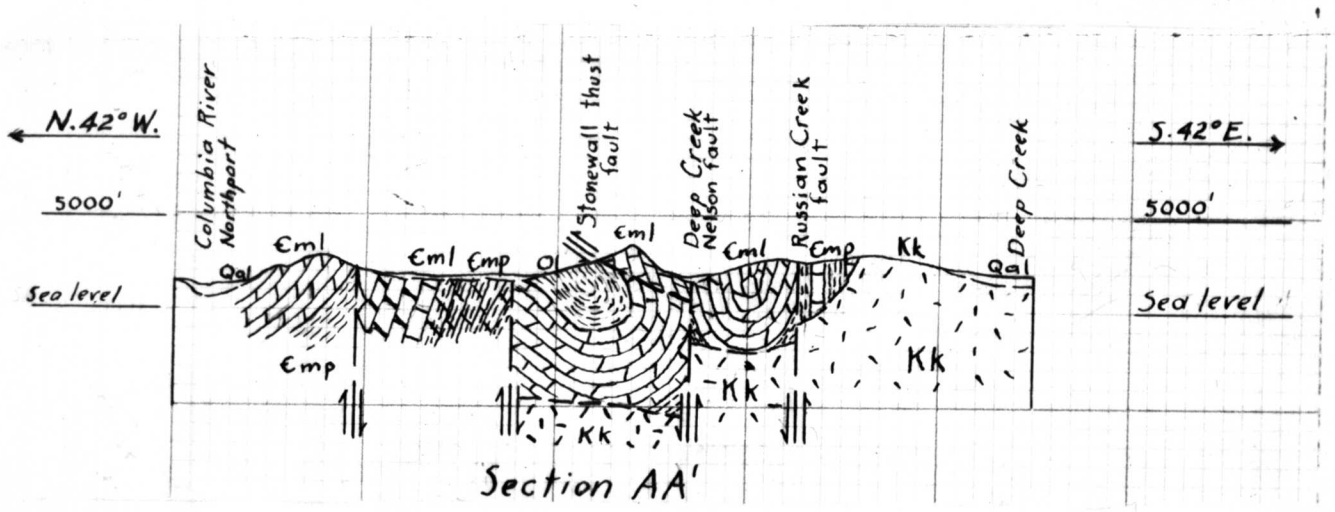
45-1

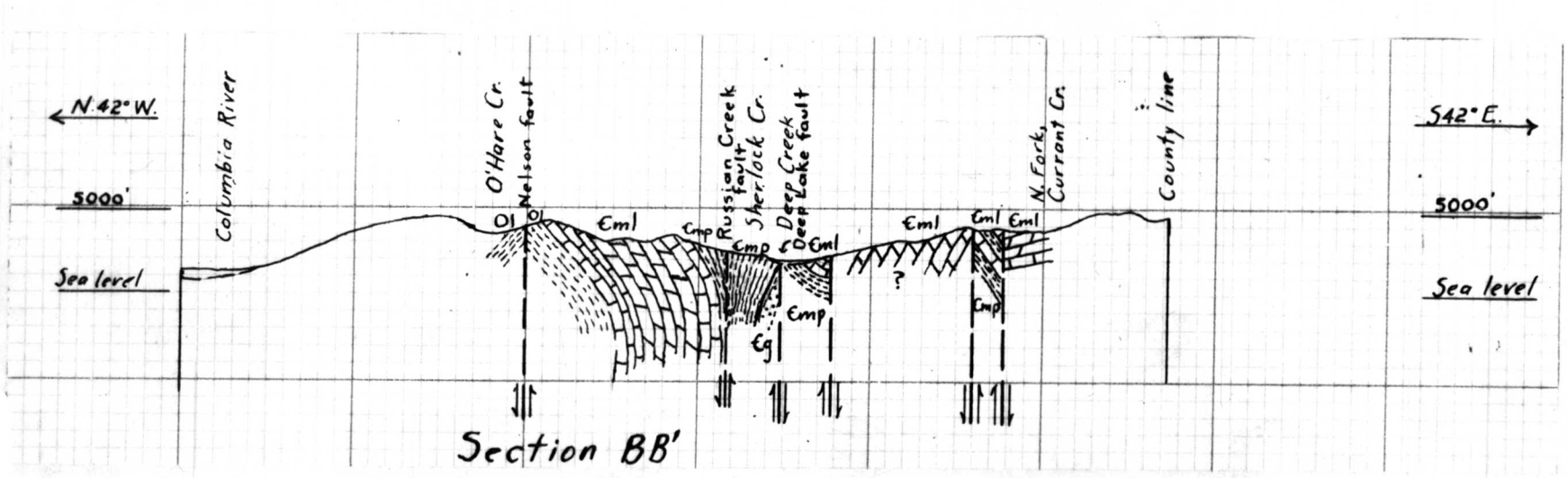
UNITED STATES DEPARTMENT OF THE INTERIOR — GEOLOGICAL SURVEY — STRATEGIC MINERALS INVESTIGATION — PRELIMINARY MAP

STATE OF WASHINGTON
REPRESENTED BY THE
ENT OF CONSERVATION AND DEVELOPMENT

WASHINGTON
COLVILLE QUADRANGLE




## EXPLANATION

### SEDIMENTARY ROCKS

ORDOVICIAN QUATERNARY

- Qal — Alluvium (Flood plain deposits.)
- Ol — Ledbetter slate (Black slate and argillite, minor black limestone and quartzite.)

CAMBRIAN

- Eml — Metaline limestone (Sugary dolomite and calcite marbles; argillaceous limestone and phyllite near base.)
- Emp — Maitlen phyllite (Green, gray and black phyllite, limestone beds near top; some quartzite.)
- Eg — Gypsy quartzite (Quartzites, many arkosic and micaceous.)

### IGNEOUS ROCKS

CRETACEOUS(?)

- Kk — Kaniksu batholith (Granodionite, granite, alaskite. Swarms of late dikes not shown.)

- 40° — Dip and strike of beds
- 15° — Close-folded beds
- ⊕ — Horizontal beds
- Strike of vertical beds
- 70° — Overturned beds
- Axis of syncline
- Axis of overturned syncline
- 45° — Dip and strike of fault
- Strike of vertical fault
- Inferred fault
- Concealed fault

# Plate I

## Geologic map and sections of the NORTHPORT DISTRICT

Stevens County, Washington

Showing locations of 1000-scale map-areas (Plates to , inclusive.)

Circled numbers show locations of mines and prospects not within the 1000-scale map-areas:

1. Melrose mine
2. Silver Crown prospect
3. Advance mine
4. Casteel prospect
5. Sterrett prospect
6. Lind prospect
7. Two Brothers prospect
8. Line Creek prospect

C.D. Campbell July, 1945