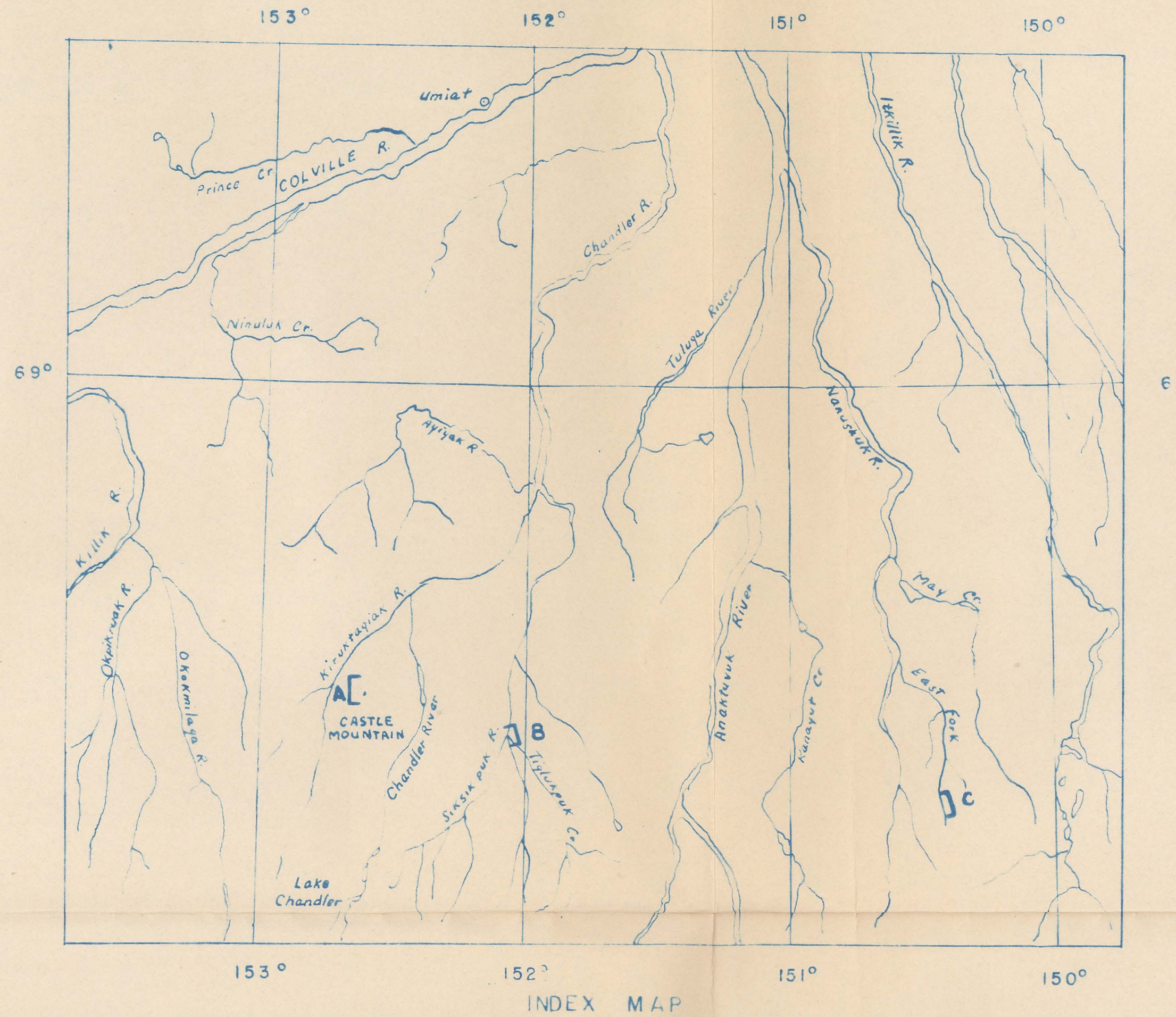
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRELIMINARY

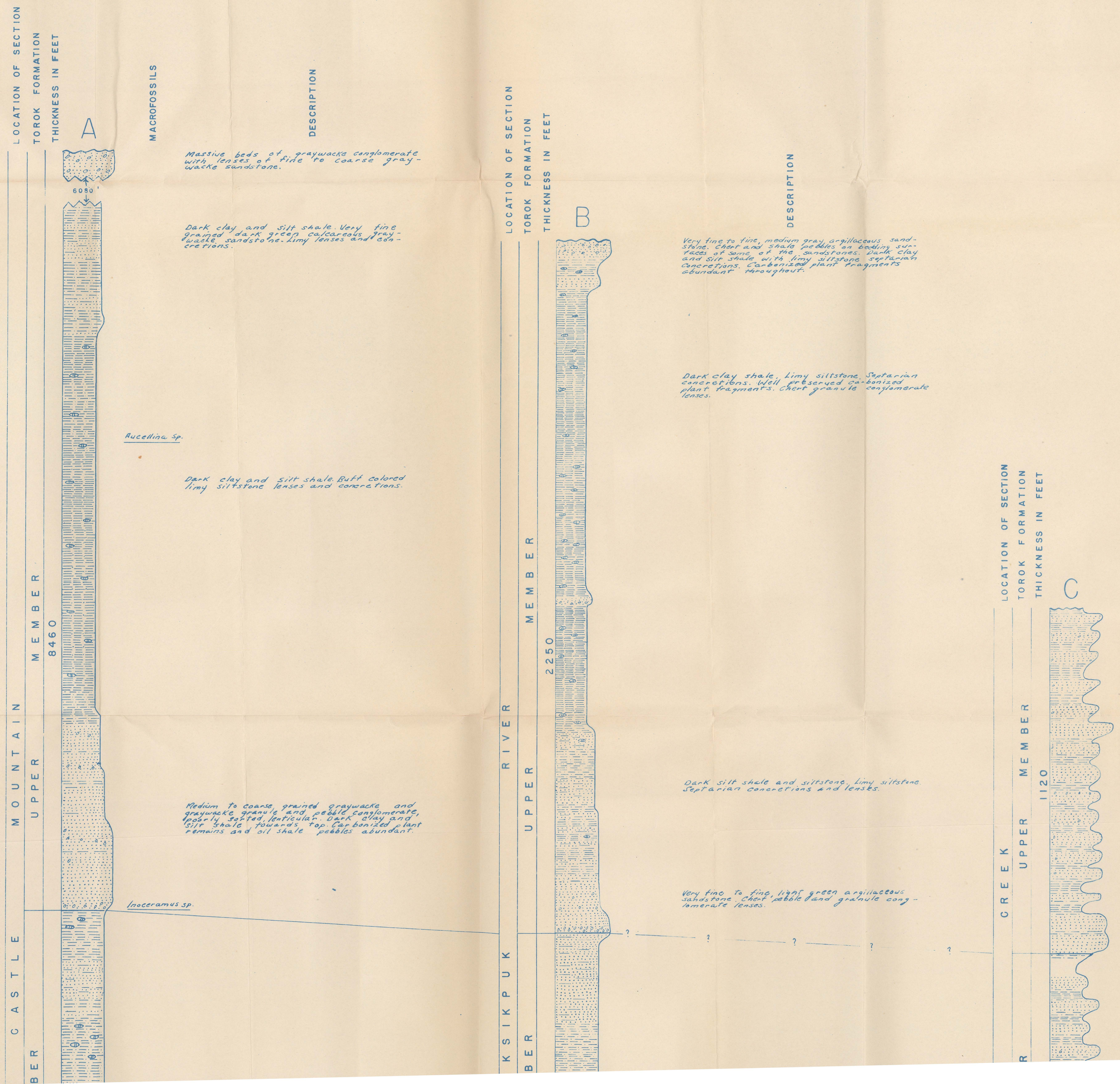
PLATE 5 REPORT NO 30



INDEX MAP
SHOWING LOCATIONS OF MEASURED SECTIONS
Scale 1:1,000,000

EXPLANATION

- ▨ SANDSTONE
- ▨ CONGLOMERATE
- ▨ SHALE
- ▨ LIMESTONE
- ▨ SILTSTONE
- ▨ SILT SHALE
- ▨ CHERT
- ▨ CONCRETION
- ▨ LIMESTONE LENS



Massive beds of graywacke conglomerate with lenses of fine to coarse graywacke sandstone.

Dark clay and silt shale. Very fine grained dark green calcareous graywacke sandstone. Limy lenses and concretions.

Dark clay and silt shale. Buff colored limy siltstone lenses and concretions.

Medium to coarse grained graywacke and graywacke granule and pebble conglomerate, poorly sorted, lenticular. Dark clay and silt shale towards top. Carbonized plant remains and oil shale pebbles abundant.

Very fine to fine, medium gray argillaceous sandstone. Chert and shale pebbles on bedding surfaces of some of the sandstones. Dark clay and silt shale with limy siltstone septarian concretions. Carbonized plant fragments abundant throughout.

Dark clay shale. Limy siltstone. Septarian concretions. Well preserved carbonized plant fragments. Chert granule conglomerate lenses.

Dark silt shale and siltstone. Limy siltstone. Septarian concretions and lenses.

Very fine to fine, light green argillaceous sandstone. Chert pebble and granule conglomerate lenses.

Interbedded, medium neutral very fine to coarse, graywacke sandstone, dark neutral clay and silt shale, scattered black, green and gray chert granules, ironstone nodules, carbonized plant fragments. Some beds calcareous.

Chert pebble conglomerate