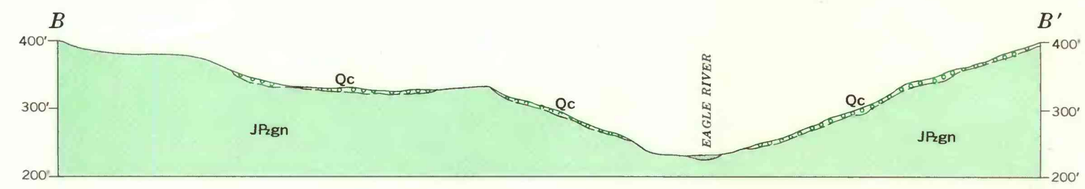
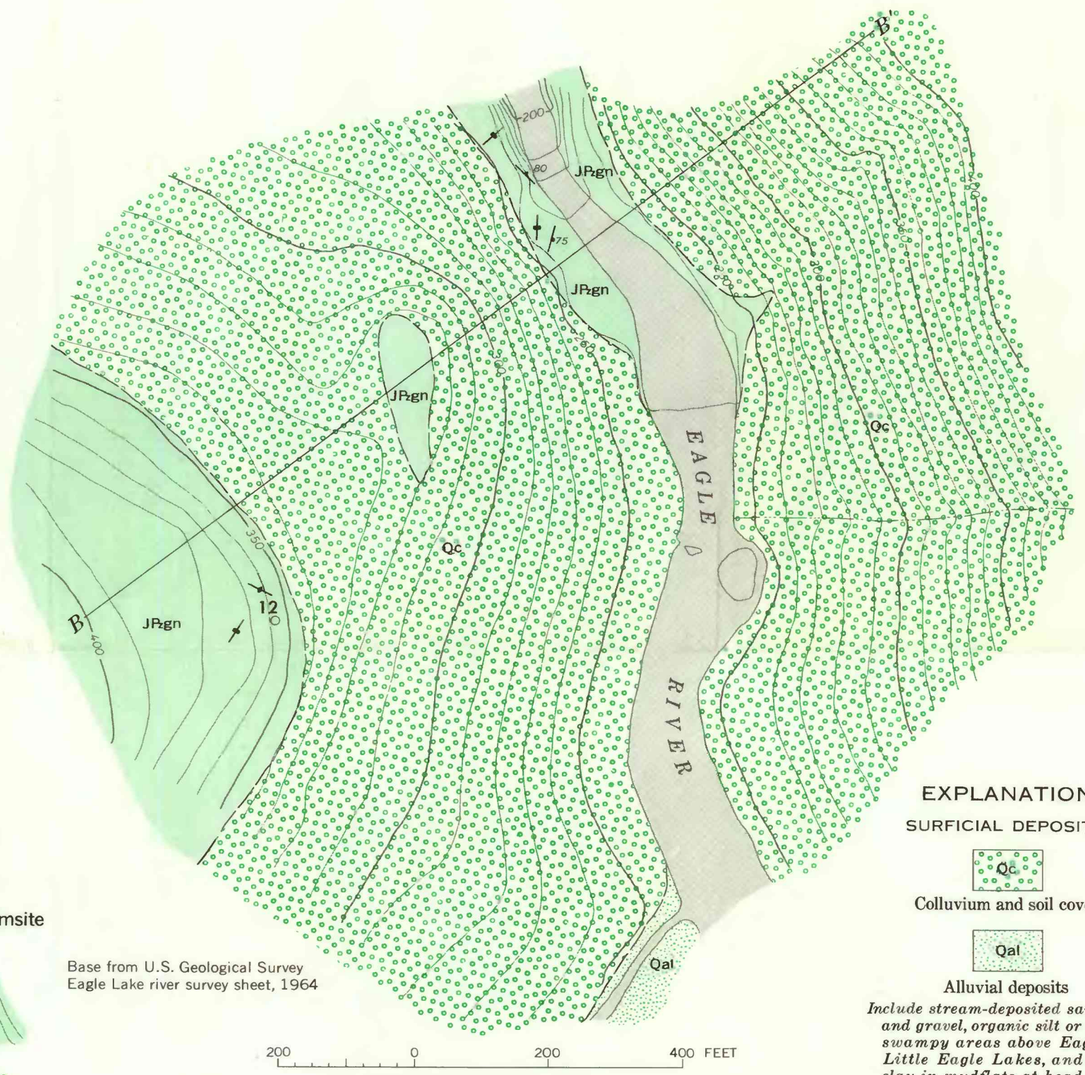
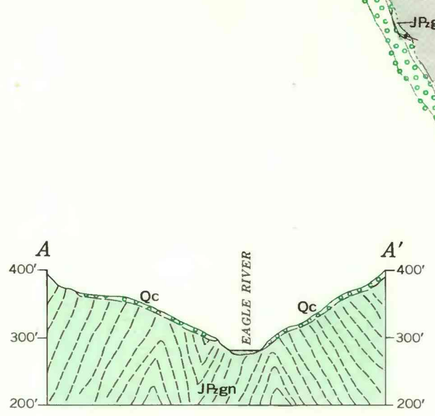


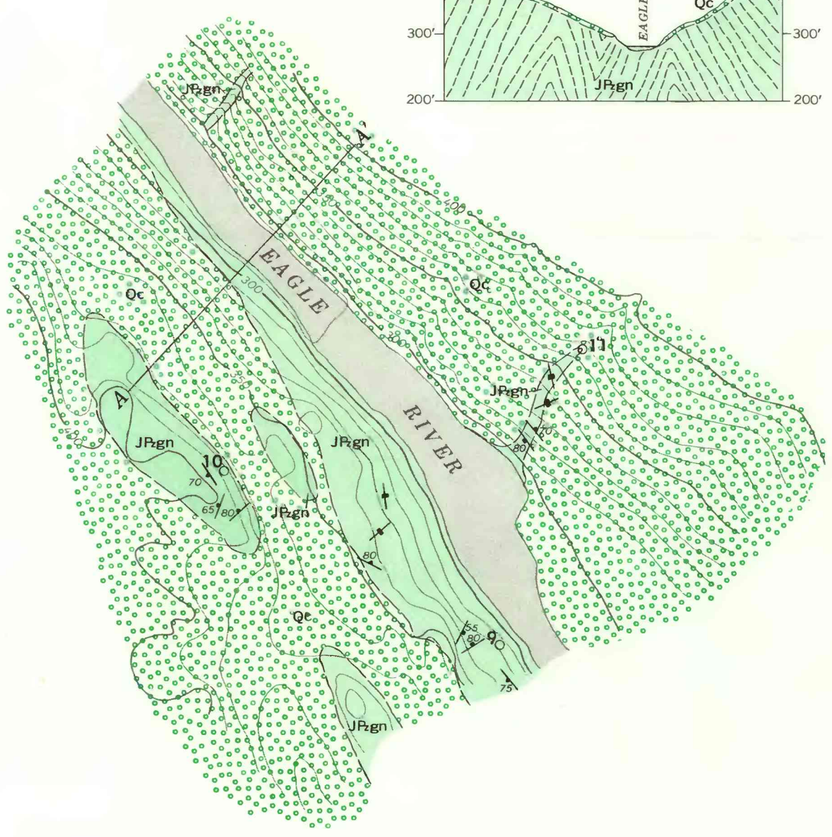


200 0 200 400 FEET

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

LITTLE EAGLE LAKE DAMSITE

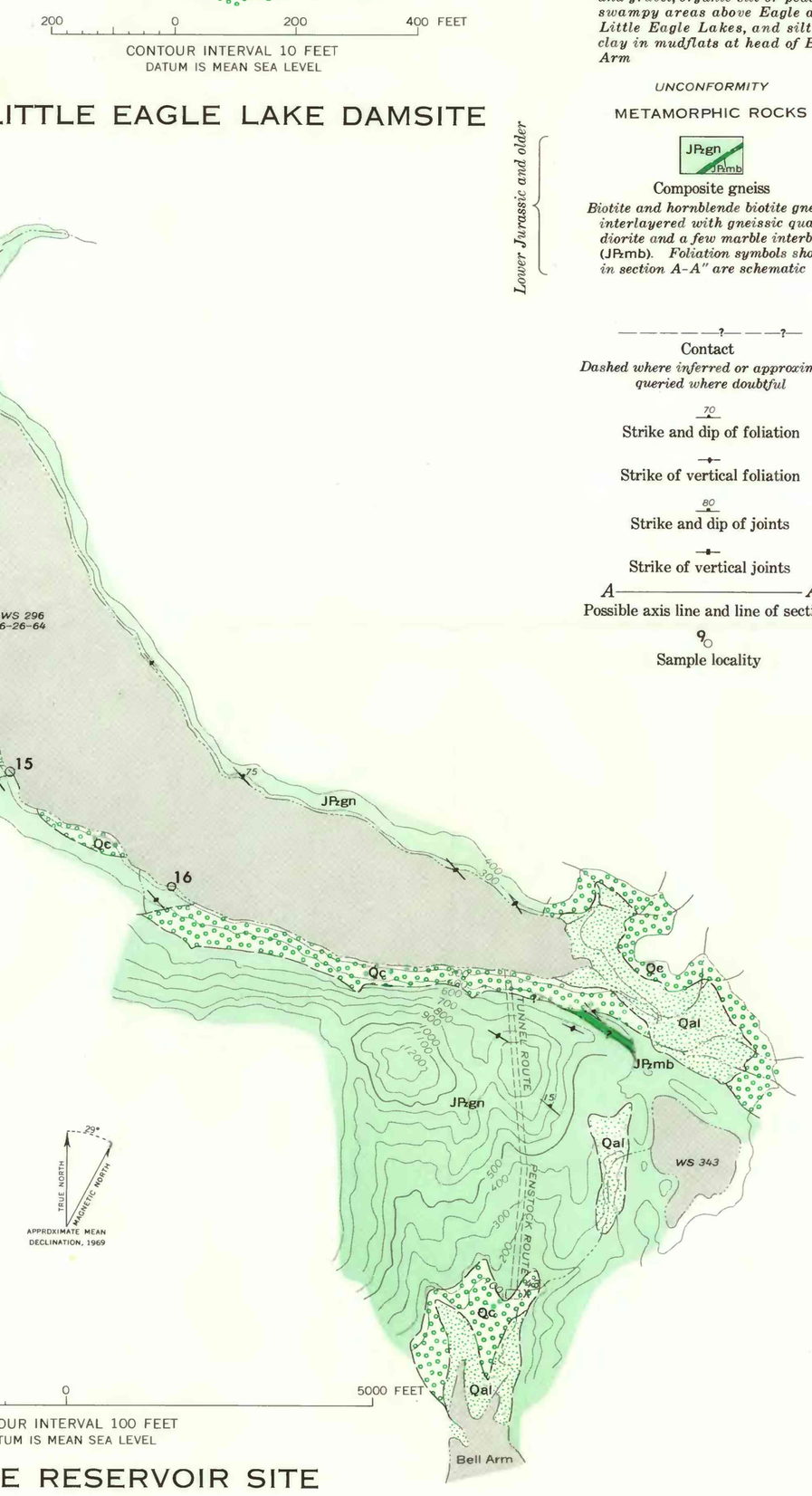




200 0 200 400 FEET

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

EAGLE LAKE DAMSITE



5000 0 5000 FEET

CONTOUR INTERVAL 100 FEET
DATUM IS MEAN SEA LEVEL

EAGLE LAKE RESERVOIR SITE

EXPLANATION

SURFICIAL DEPOSITS

QUATERNARY

Qc — Colluvium and soil cover

Qal — Alluvial deposits

Include stream-deposited sand, silt, and gravel, organic silt or peat in swampy areas above Eagle and Little Eagle Lakes, and silt or clay in mudflats at head of Bell Arm

UNCONFORMITY

METAMORPHIC ROCKS

PALEOZOIC TO JURASSIC

Lower Jurassic and older

JPzgn / JPzmb — Composite gneiss

Biotite and hornblende biotite gneiss interlayered with gneissic quartz diorite and a few marble interbeds (JPzmb). *Foliation symbols shown in section A–A″ are schematic*

Contact
Dashed where inferred or approximate; queried where doubtful

Strike and dip of foliation

Strike of vertical foliation

Strike and dip of joints

Strike of vertical joints

A——A′ Possible axis line and line of section

Sample locality

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—C68291

Geology by J. E. Callahan and A. A. Wanek, 1964

GEOLOGIC MAPS OF THE EAGLE LAKE RESERVOIR SITE AND OF THE EAGLE LAKE AND LITTLE EAGLE LAKE DAMSITES, SOUTHEASTERN ALASKA