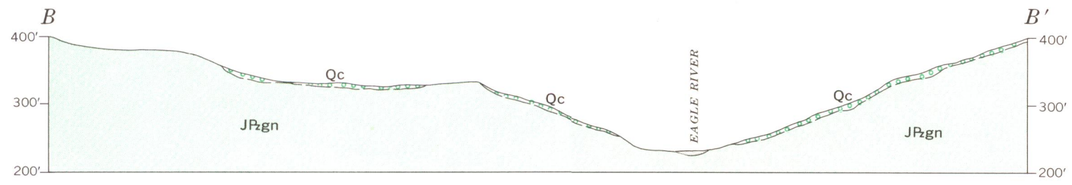

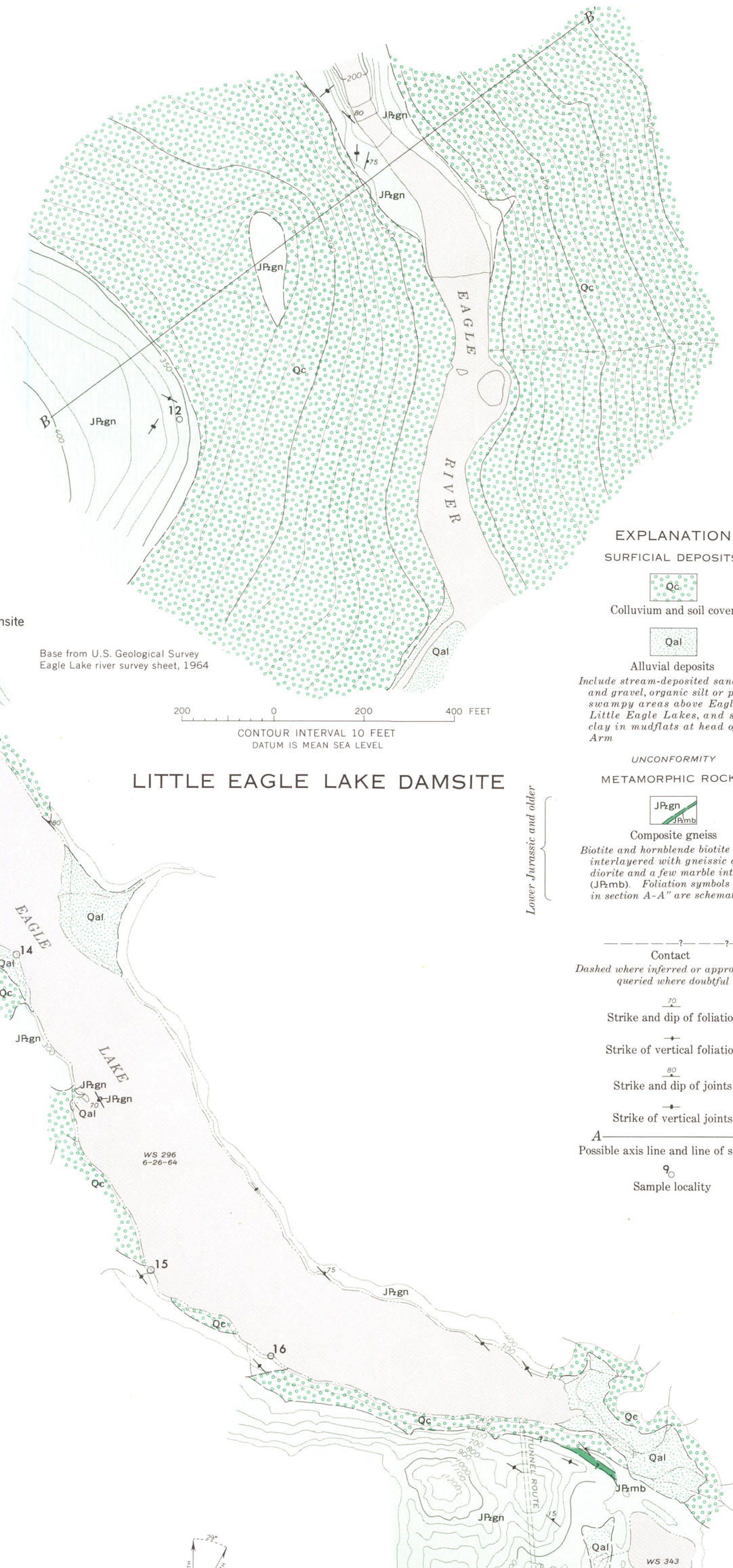

LITTLE EAGLE LAKE DAMSITE

EXPLANATION

SURFICIAL DEPOSITS

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

QUATERNARY

UNCONFORMITY

METAMORPHIC ROCKS

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

Lower Jurassic and older

PALEOZOIC TO JURASSIC

Contact
Dashed where inferred or approximate; queried where doubtful

70 — Strike and dip of foliation

Strike of vertical foliation

80 — Strike and dip of joints

Strike of vertical joints

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

9 ○ Sample locality

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

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

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