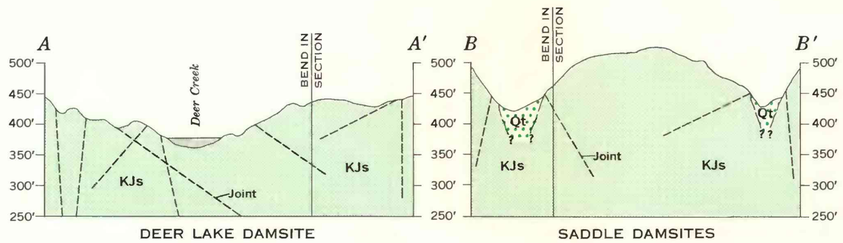
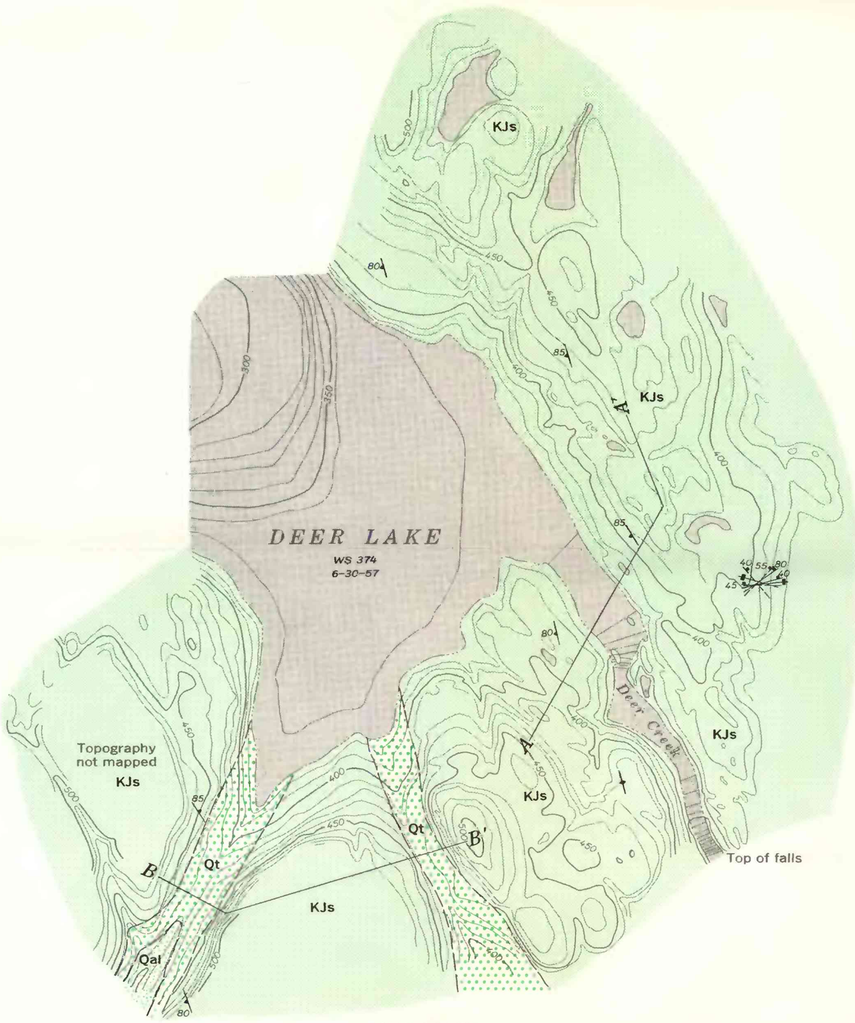


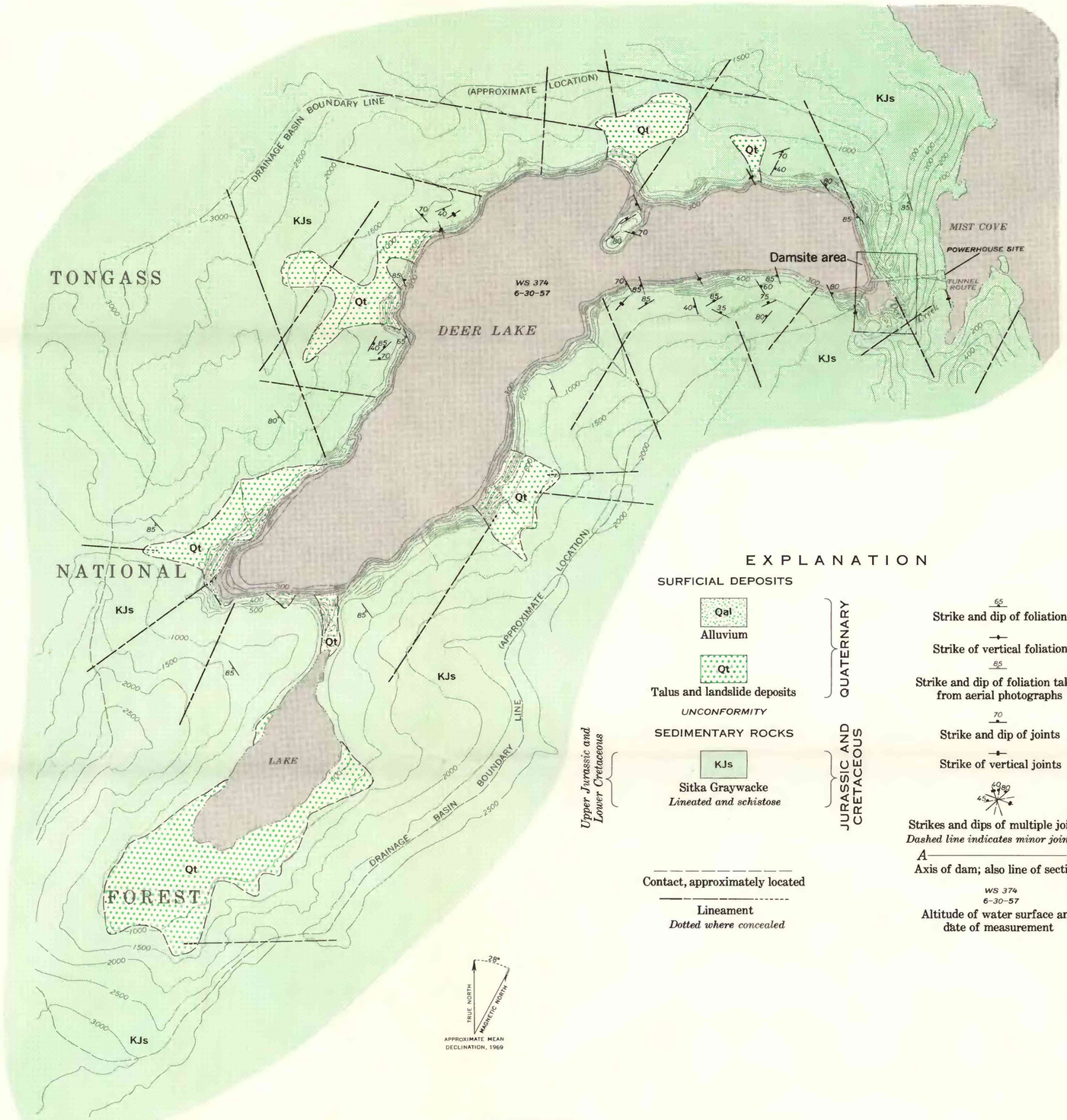


SCALE 1:24 000

200 0 200 400 FEET

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

DAMSITE



SCALE 1:24 000

5000 0 5000 FEET

CONTOUR INTERVALS 20, 100, AND 500 FEET
DATUM IS MEAN SEA LEVEL

RESERVOIR SITE

EXPLANATION

SURFICIAL DEPOSITS

QUATERNARY

Qal — Alluvium

Qt — Talus and landslide deposits

UNCONFORMITY

SEDIMENTARY ROCKS

JURASSIC AND CRETACEOUS

Upper Jurassic and Lower Cretaceous

KJs — Sitka Graywacke
Lineated and schistose

Contact, approximately located

Lineament
Dotted where concealed

65 — Strike and dip of foliation

Strike of vertical foliation

65 — Strike and dip of foliation taken from aerial photographs

70 — Strike and dip of joints

Strike of vertical joints

Strikes and dips of multiple joints
Dashed line indicates minor joint set

A——A'
Axis of dam; also line of section

WS 374
6-30-57
Altitude of water surface and date of measurement

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1969—C68354

Base maps from U.S. Geological Survey
Deer Lake river - survey sheet, 1957

RECONNAISSANCE GEOLOGIC MAPS OF THE DEER LAKE RESERVOIR SITE AND OF THE DEER LAKE DAMSITE, SOUTHEASTERN ALASKA

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