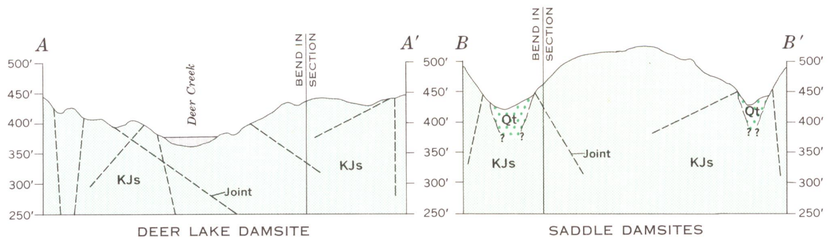
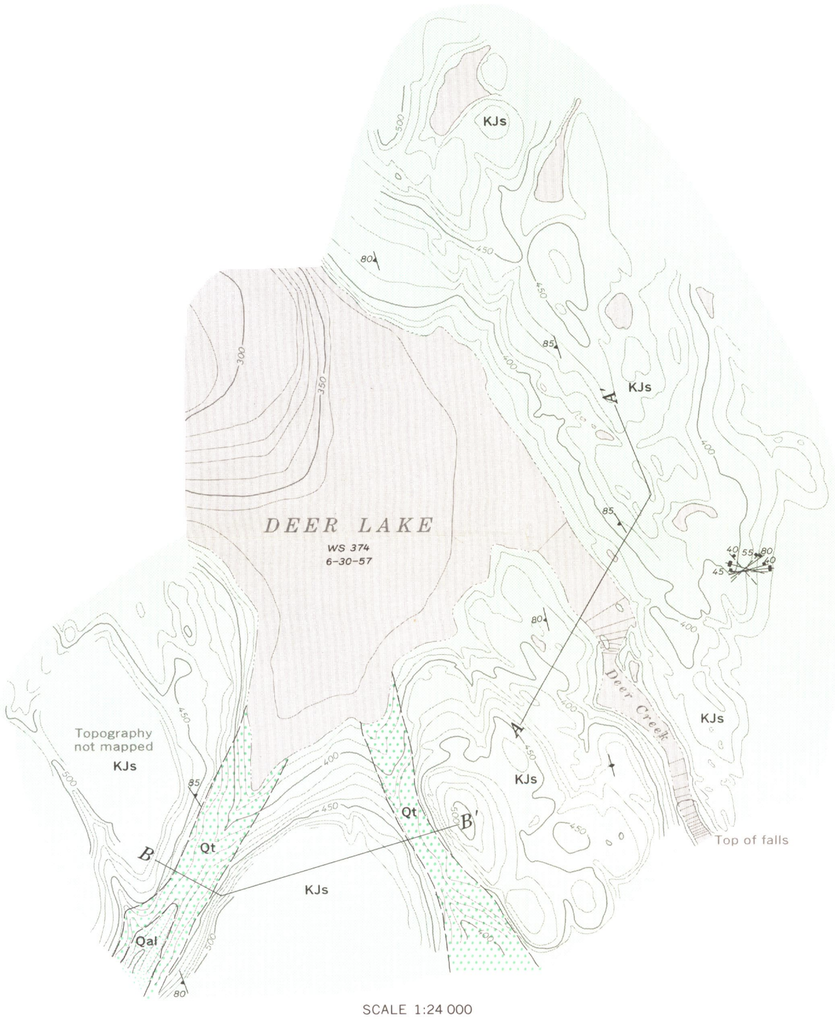
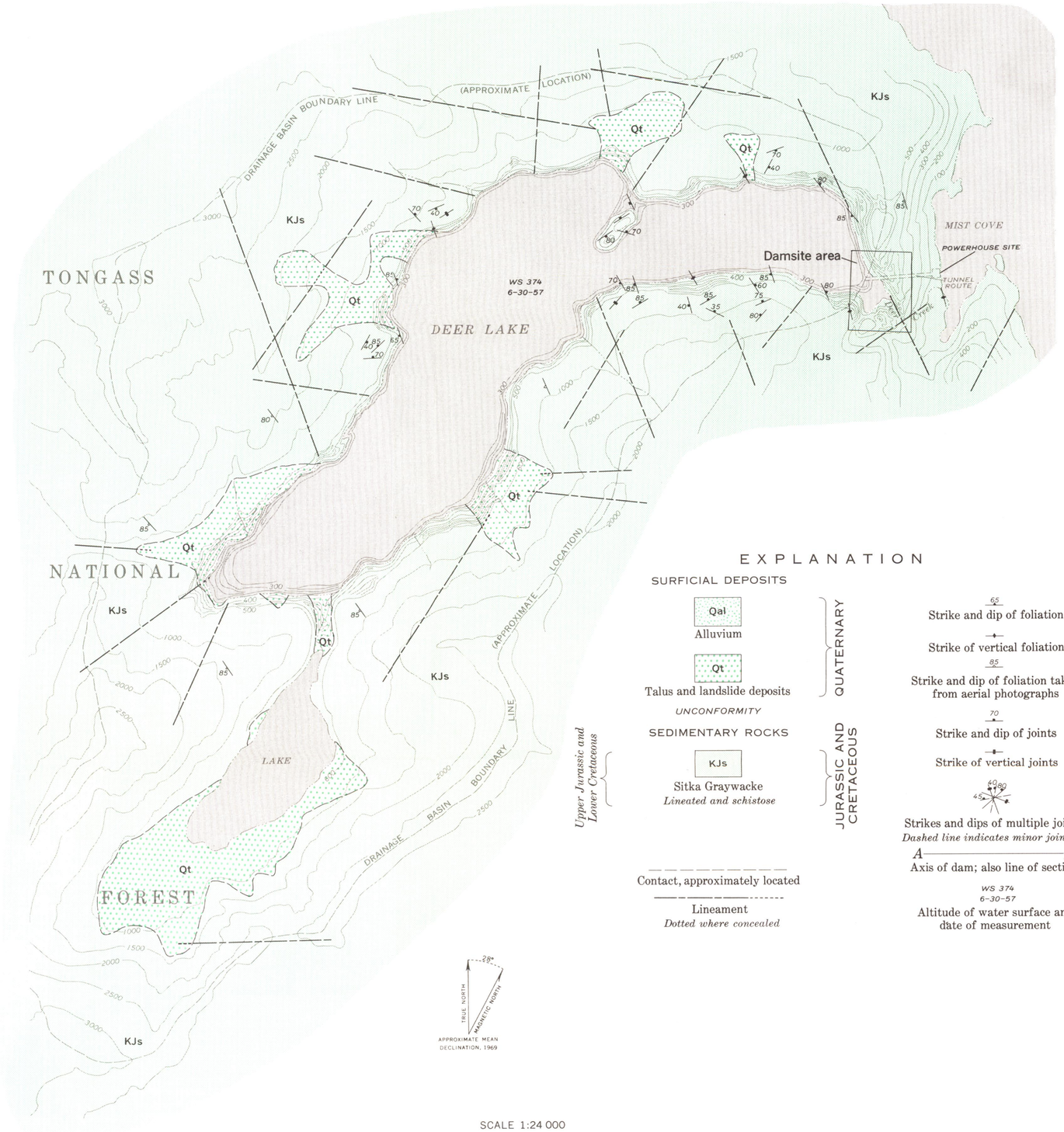




DAMSITE



RESERVOIR SITE

EXPLANATION

SURFICIAL DEPOSITS

QUATERNARY

Qal — Alluvium

Qt — Talus and landslide deposits

UNCONFORMITY

SEDIMENTARY ROCKS

JURASSIC AND CRETACEOUS

KJs — Sitka Graywacke
Lineated and schistose

Upper Jurassic and Lower Cretaceous

Contact, approximately located

Lineament
Dotted where concealed

Strike and dip of foliation

Strike of vertical foliation

Strike and dip of foliation taken from aerial photographs

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