

EXPLANATION

SURFICIAL DEPOSITS

Qc

Colluvium and soil cover

Qal

Alluvial deposits

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

UNCONFORMITY

METAMORPHIC ROCKS

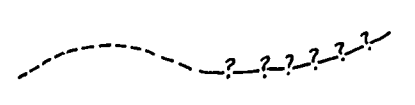
gn
mb

Composite gneiss

Biotite and hornblende biotite gneiss interlayered with gneissic quartz diorite and occasional marble interbeds (mb)

QUATERNARY

PALEOZOIC TO LOWER JURASSIC



Contact

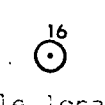
Short dashed where inferred or approximate; queried where doubtful



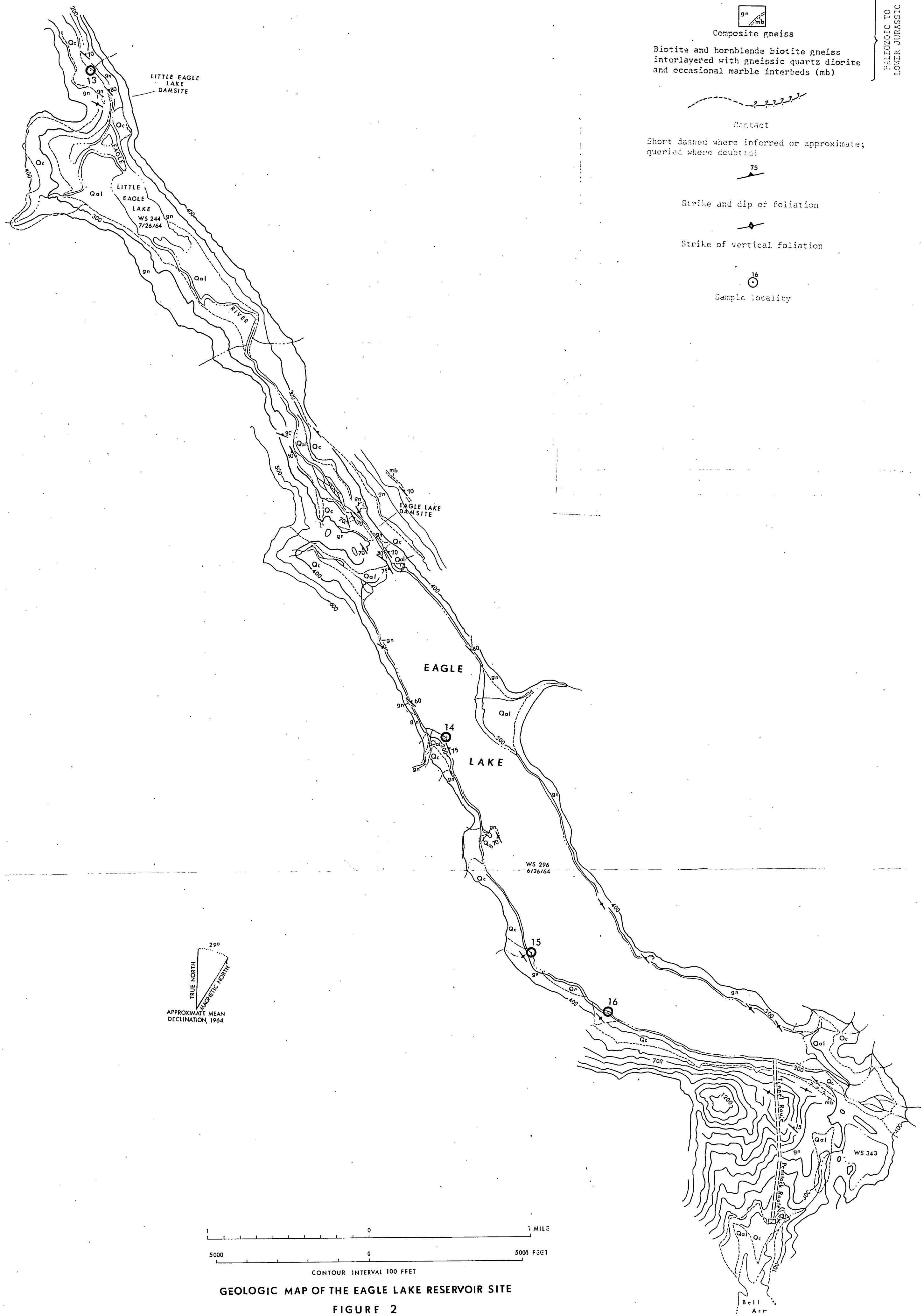
Strike and dip of foliation



Strike of vertical foliation



Sample locality



GEOLOGIC MAP OF THE EAGLE LAKE RESERVOIR SITE
FIGURE 2

Base from Eagle Lake, Alaska Damsites, River Survey, U. S. Geological Survey, 1964 and from U. S. Geological Survey Bradfield Canal (A-5) Alaska

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