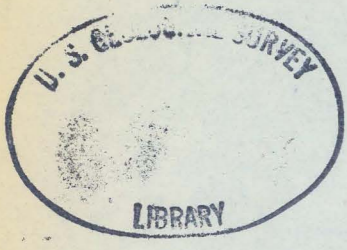


(200)
R290
m. 972



EXPLANATION

SURFICIAL DEPOSITS



Colluvium and soil cover



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

QUATERNARY

UNCONFORMITY

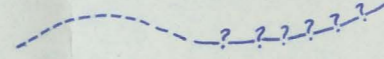
METAMORPHIC ROCKS



Composite gneiss

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

PALEOZOIC TO LOWER JURASSIC



Contact

Short dashed where inferred or approximate; queried where doubtful



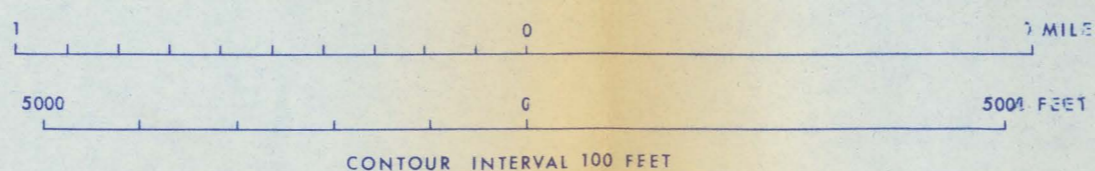
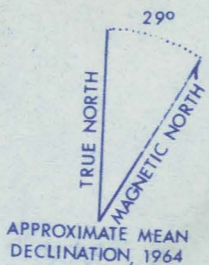
Strike and dip of foliation



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. Wanek, 1964