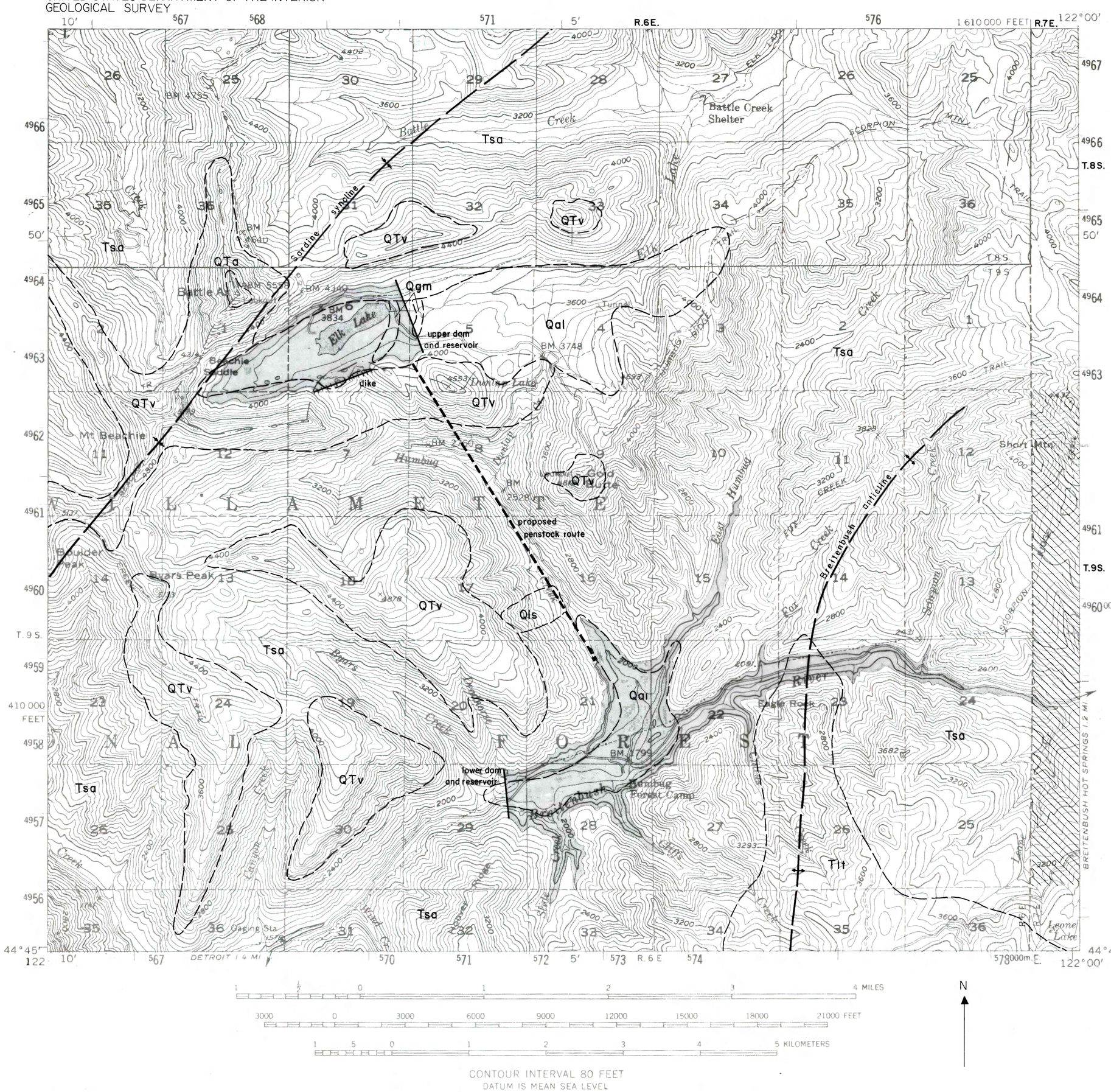
OPEN-FILE REPORT 80-1276
1980



EXPLANATION

Qal — Alluvium
Sand, silt and gravel

Qls — Landslide deposits

Qgm — Glacial moraine deposits

QUATERNARY

QTv — Volcanic rocks of the High Cascade Range
Basaltic andesite, olivine basalt and pyroxene andesite

QTa — Andesite
Vent-filling plugs in the volcanic rocks of the High Cascades

Tsa — Sardine Formation
Pyroxene andesite and tuff breccia

Tlt — Little Butte Volcanic Series
Tuff, lapilli tuff and flows of dacite and andesite

TERTIARY

Area of proposed reservoirs

Breitenbush Hot Springs
Known Geothermal Resources Area (KGRA)

Contact, approximately located

Syncline, approximately located

Anticline, approximately located

Figure 19.--Geologic map of the Elk Lake pumped-storage site (modified from Thayer, 1939; Peck and others, 1964).