

EXPLANATION

UNCONSOLIDATED DEPOSITS

Alluvial fan deposits
Stratified, sub-rounded to rounded
sand, pebble and cobble gravel
with scattered boulders

Landslide debris
Unsorted and unstratified angular
cobbles and boulders

Glacial moraine
Unsorted and unstratified angular
cobbles and boulders; in part un-
lain by ice

Glaciofluvial deposits
Sub-rounded to rounded gravel, cob-
bles and boulders in a matrix of
silty sand

Undifferentiated alluvial and talus
deposits over bedrock

BEDROCK

Slate and graywacke
Black thinly bedded, sandy slate
with minor amounts of gray, massive
graywacke in area between Crescent
and Kenai Lakes. Predominantly inter-
bedded slate and graywacke between
Crescent Lake and the Seward -
Anchorage highway

Contact
(Dashed where approximate)

Shear zone in which beds are con-
torted and fractured

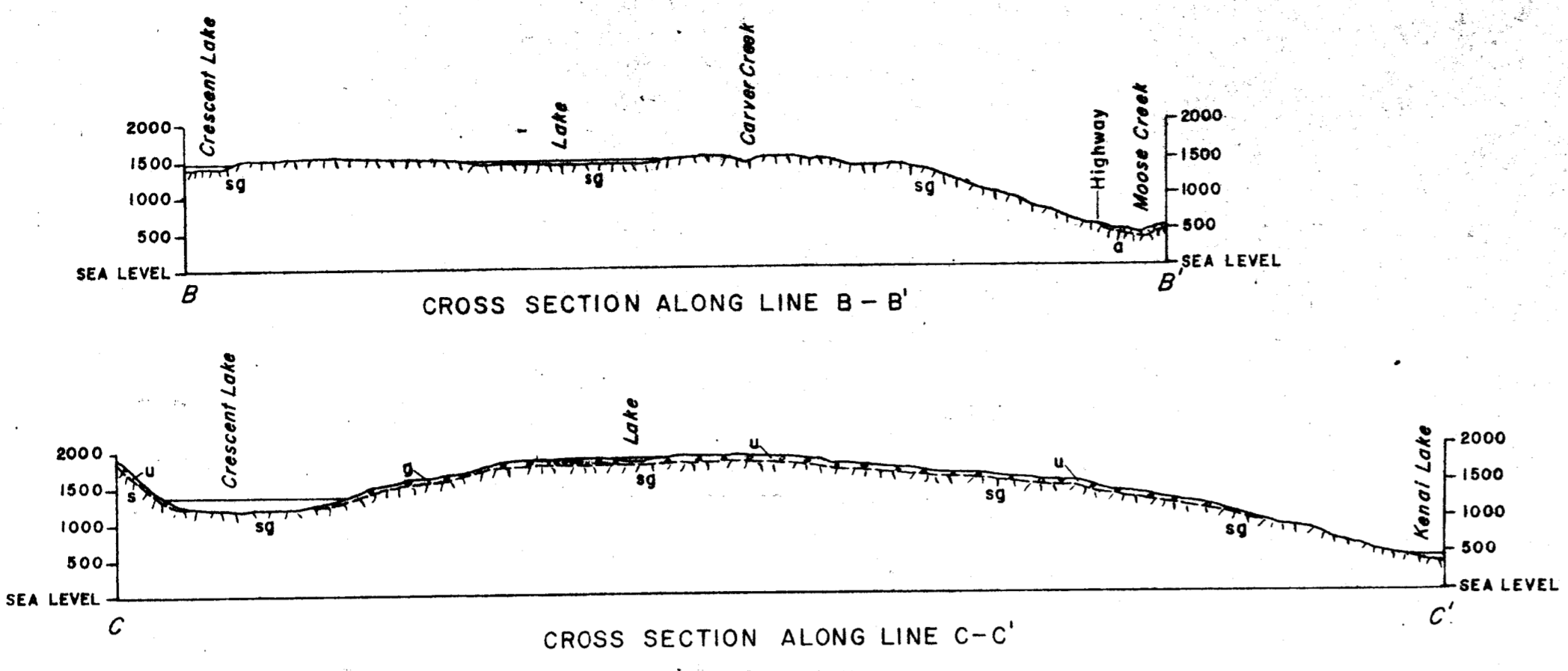
Strike and dip of beds
(May be overturned)

Strike of vertical beds

Cabin

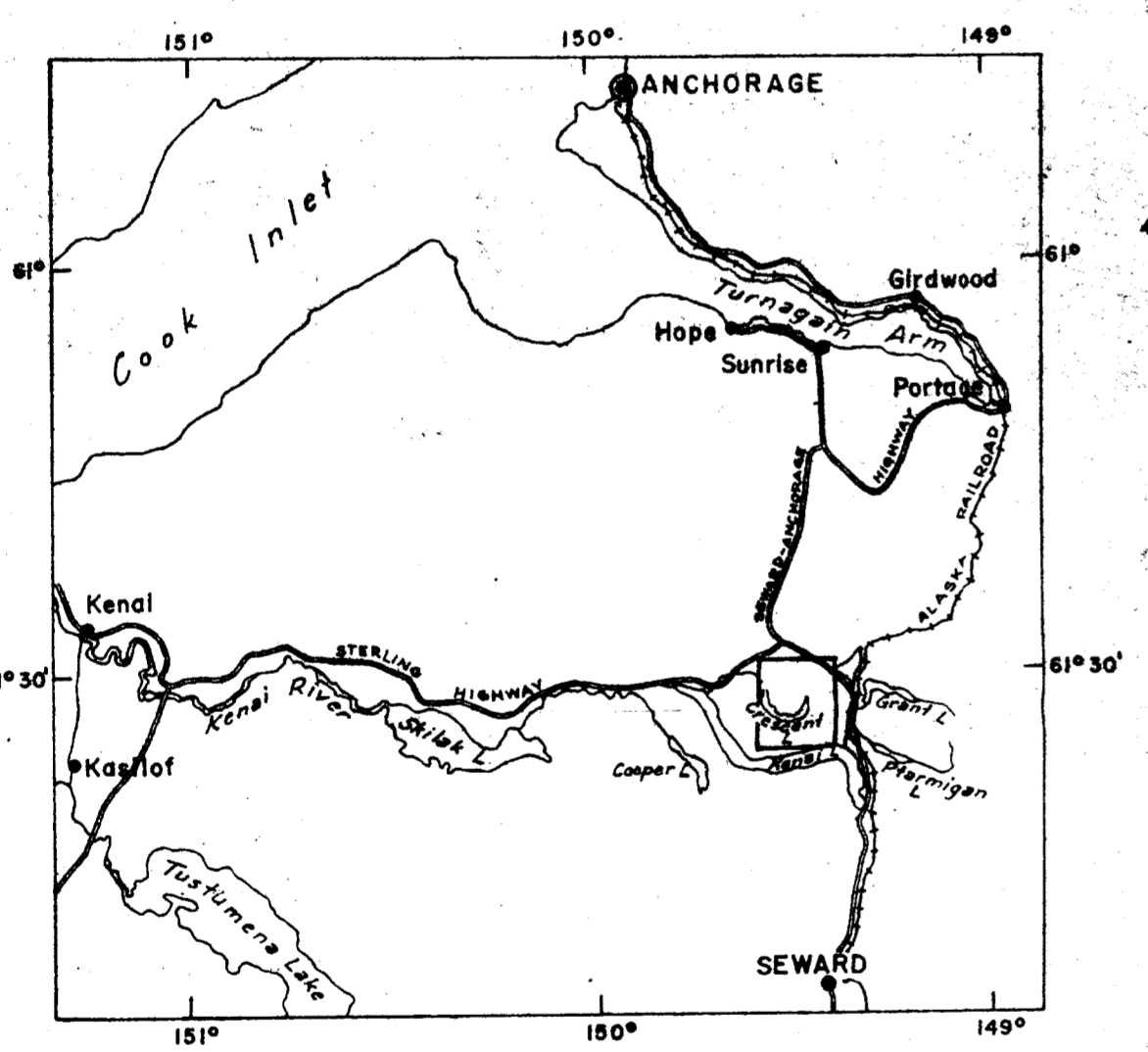
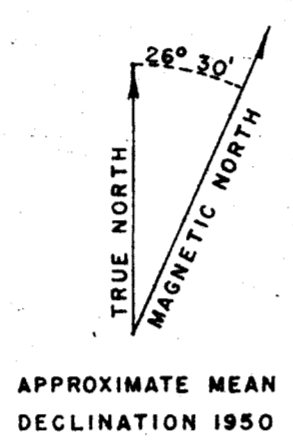
QUATERNARY

MESOZOIC

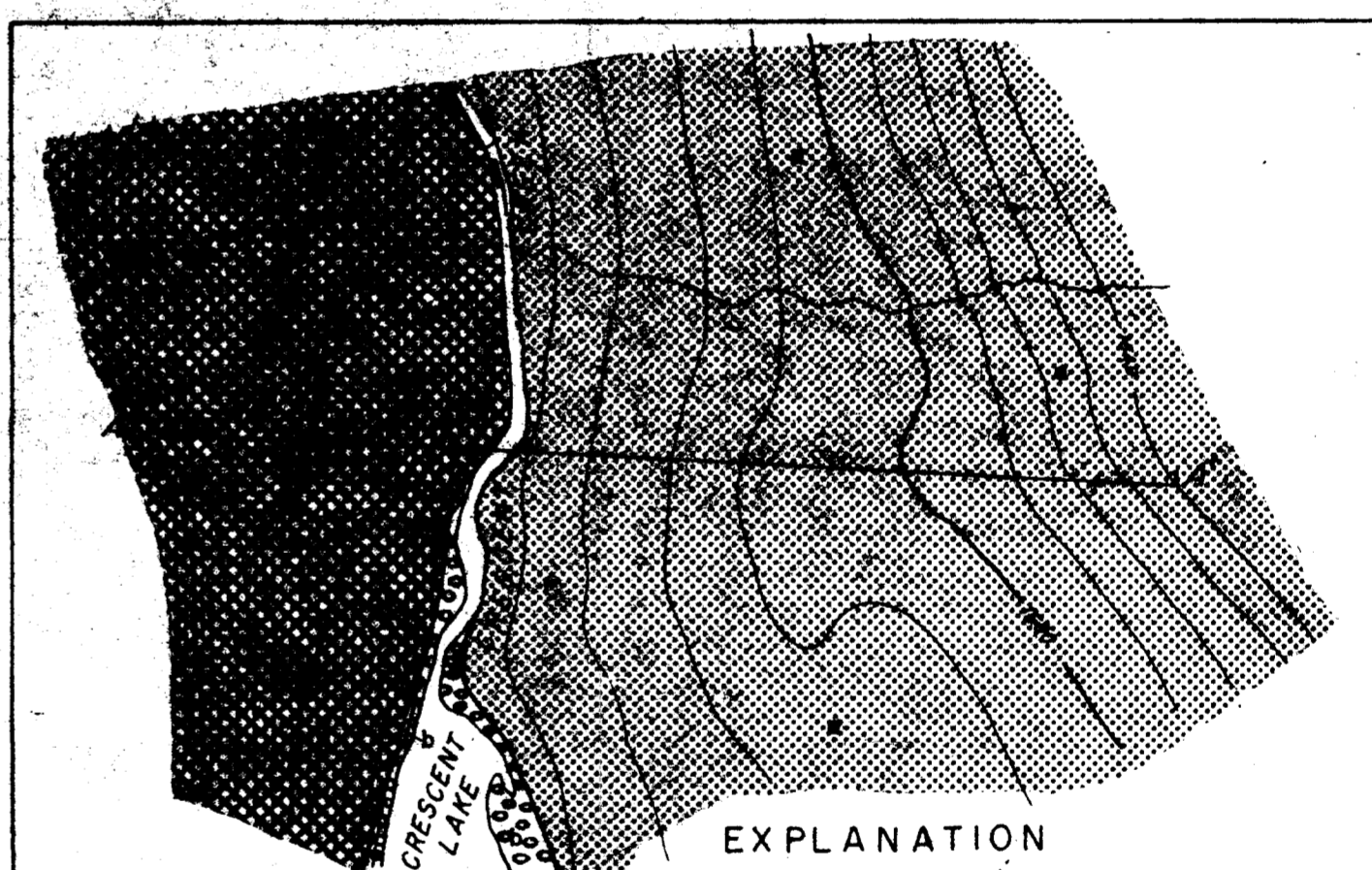


0 2000 FEET

DAM SITE



INDEX MAP



EXPLANATION

Beach deposits
Predominantly subrounded to rounded gravel and cobbles

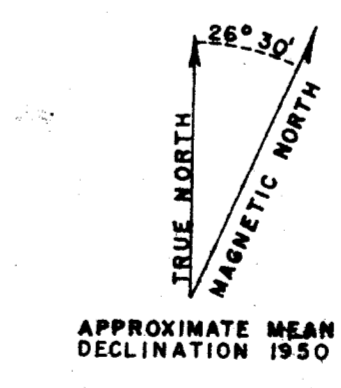
Alluvial fan deposits
Stratified, sub-rounded to rounded gravel, cobbles, and
scattered boulders in a matrix of silty sand

Glacial (?) and alluvial deposits
Predominantly coarse angular to subrounded gravel,
cobbles, and boulders in a matrix of silty sand

Contact

Possible spillway site

QUATERNARY

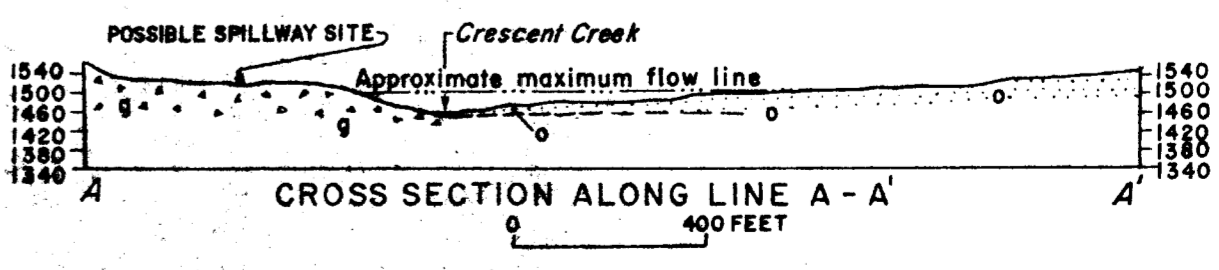


Topography from Crescent Lake,
Alaska, sheet; U.S. Geological
Survey

400 200 0 400 800 1200 FEET

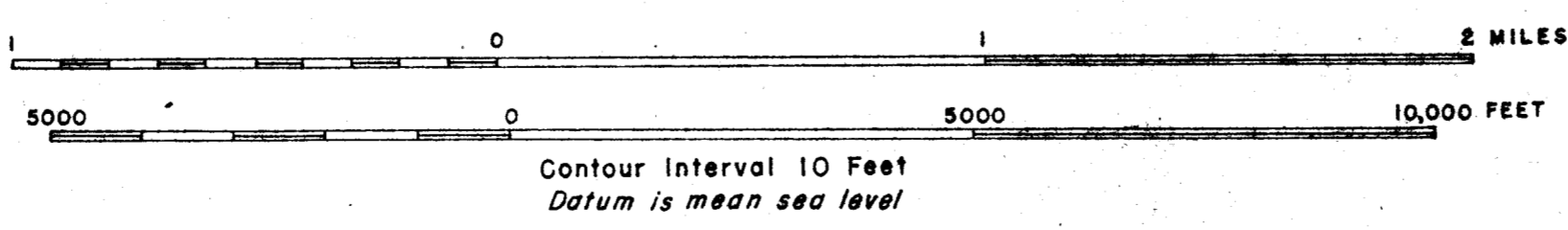
Contour Interval 10 Feet
Datum is mean sea level

CRESCENT LAKE DAM SITE



Topography compiled from Crescent
Lake, Alaska sheet, scale 1:24,000,
U.S. Geological Survey; and the Crescent
Lake Quadrangle, scale 1:50,000,
Corps of Engineers, U.S. Army; and
aerial photographs, scale 1:40,000.

Geology by George Pfafker
Mapped September 1952



GEOLOGIC MAP OF CRESCENT LAKE POWER SITE, ALASKA

This report is preliminary and has not been
edited or reviewed for conformity with U. S.
Geological Survey standards and nomenclature.

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