

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 underlain by ice

Glaciofluvial deposits  
Sub-rounded to rounded gravel, cobbles 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 interbedded slate and graywacke between Crescent Lake and the Seward-Anchorage highway

Contact  
(Dashed where approximate)

Shear zone in which beds are contorted and fractured

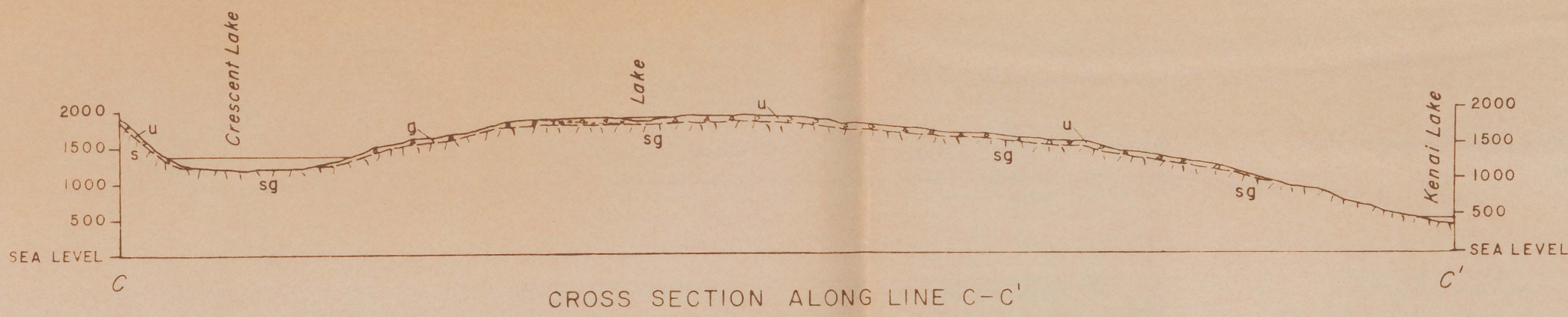
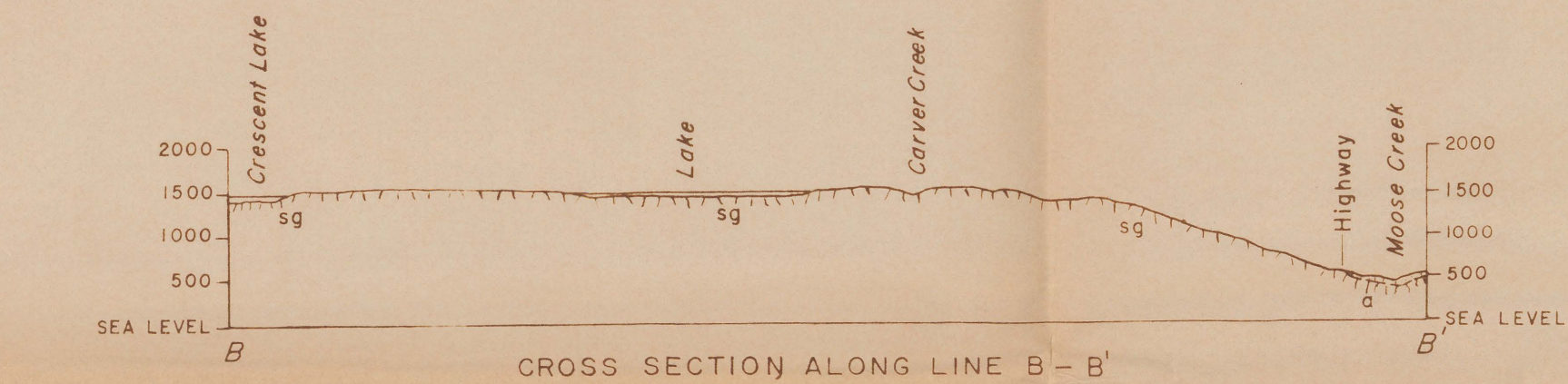
Strike and dip of beds  
(May be overturned)

Strike of vertical beds

Cabin

QUATERNARY

MESOZOIC

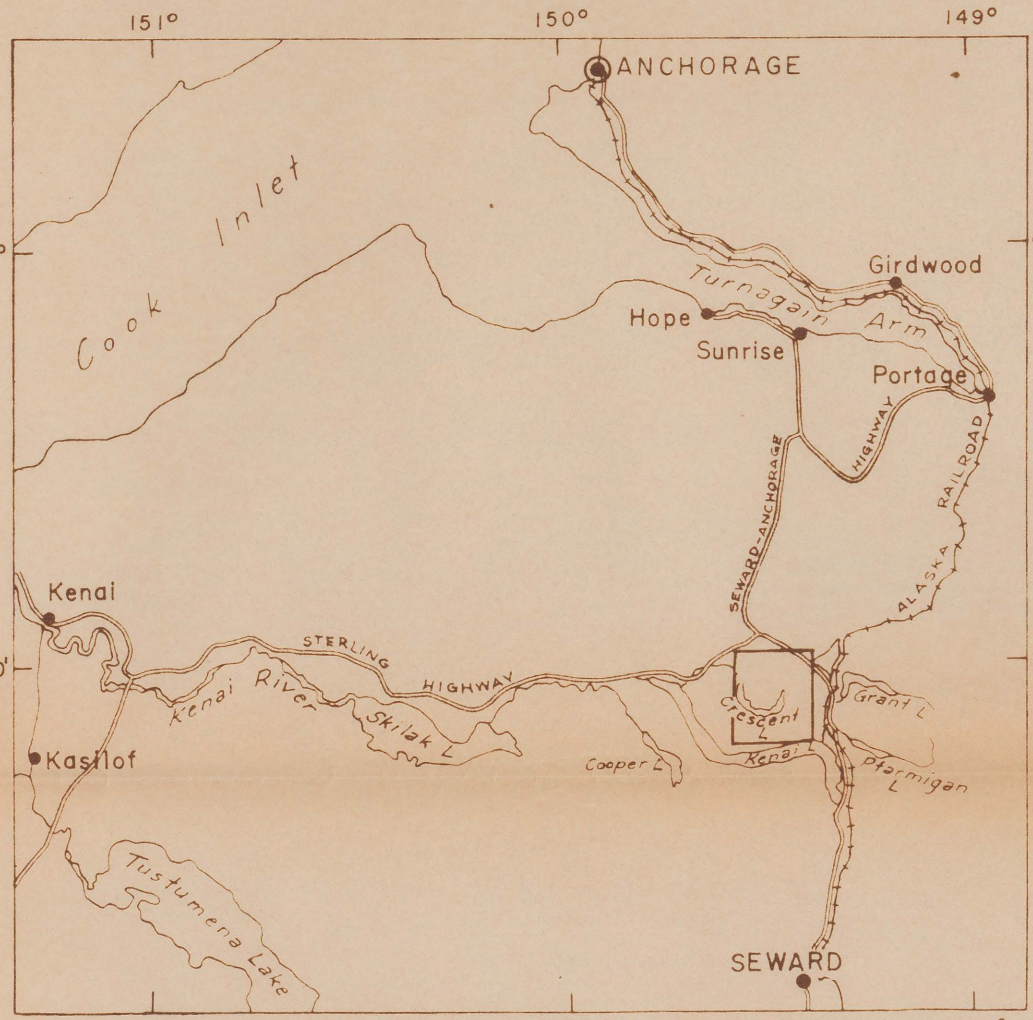


0 2000 FEET

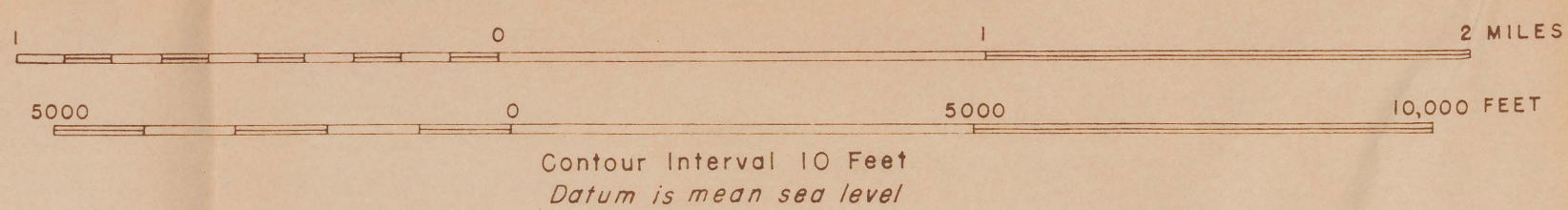
DAM SITE



APPROXIMATE MEAN DECLINATION 1950



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 Plafker  
Mapped September 1952



EXPLANATION

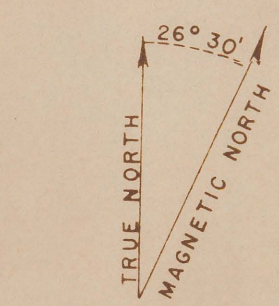
Beach deposits  
Predominantly subrounded to rounded gravel and cobbles

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



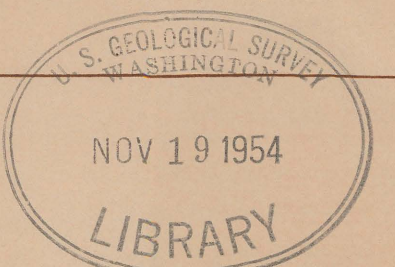
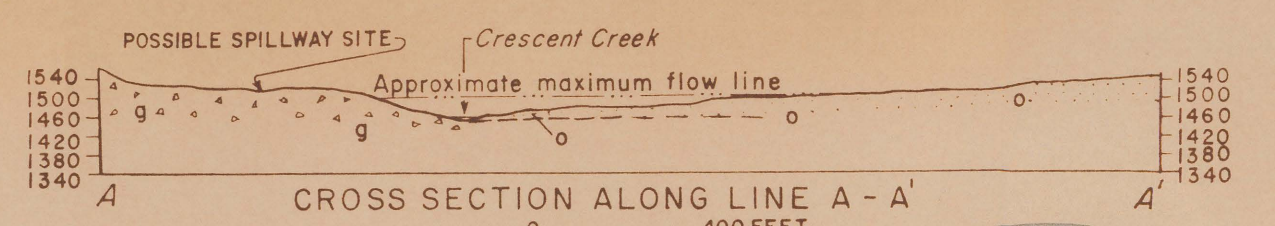
APPROXIMATE MEAN DECLINATION 1950

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



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.