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TERRITORY OF ALASKA  
DEPARTMENT OF MINES

REPORT ON A SEARCH FOR THE GILL PROSPECT,  
TANANA QUADRANGLE, ALASKA *kt 48-57*

by

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December

1955

On June 26, 1955, Bruce Thomas of the U. S. Bureau of Mines and I made a search for the Gill lead-silver prospect. Our attention was brought to this prospect by the following quotation on page 217 in USGS Bulletin 844-D, MINERAL DEPOSITS OF THE RAMPART AND HOTSPRINGS DISTRICTS, ALASKA by J. E. Mertie, Jr:

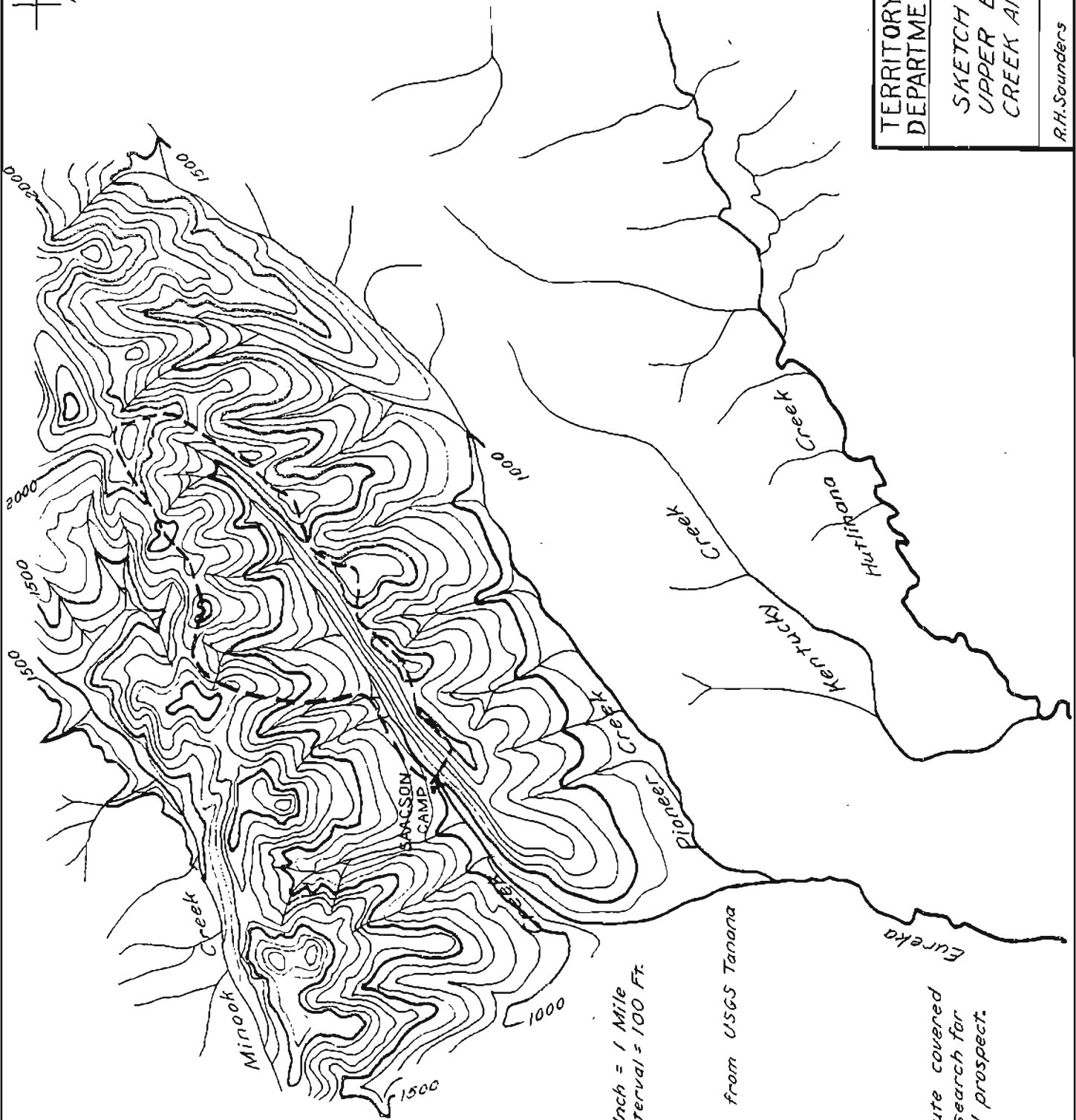
"It is of interest, however, to record the fact, reported to the writer by M. S. Gill of Eureka Creek, that several years ago a lead-silver deposit was found by a prospector in the headwaters of either Eureka or Pioneer Creeks. Two assays of the sulfides are said to have shown 100 ounces of silver to the ton and 70 per cent of lead."

One of the long-time residents in the district told Bruce Thomas that the Gill prospect was located on the ridge between Eureka and Pioneer Creeks. In June 1955, Bruce was in the district supervising a drilling program for the Bureau of Mines, and I was there to examine a prospect. We made an unsuccessful one-day search for the Gill prospect around the head of Eureka Creek starting on the ridge between Eureka and Pioneer Creeks. The accompanying map shows the route that we followed. We drove to the Isaacson placer camp on upper Eureka Creek and began our search from there. The higher parts of the ridges along the route are above timberline so that a dump or excavation of appreciable size would be conspicuous and could be seen at a distance, however, on the lower slopes, trees and brush would hide the prospect unless it had a very large dump or a building standing nearby.

DEC 27 1955

PHIL S. HOLDEN  
Commissioner of Mines

65° 15' N Latitude  
150° 00' W Longitude



SCALE: 1 Inch = 1 Mile  
Contour Interval = 100 Ft.

Adapted from USGS Tanana  
A-1 Map.

--- Route covered  
in search for  
Gill prospect.

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SKETCH MAP OF  
UPPER EUREKA  
CREEK AND VICINITY

R.H. Saunders

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