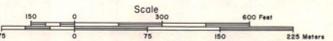


COMMUNITY MAP

CHITINA

61°31'N 144°36'W Elevation 556' (at airstrip)



The community base map photo, obtained from Bureau of Land Management, was taken in 1974.

Prepared by the Arctic Environmental Information and Data Center, University of Alaska, for the Copper River Native Association and the Copper River Housing Authority, July, 1977.

Funded in part by the Alaska Department of Community and Regional Affairs and by the Copper River Native Association.

Land use *

- Residential
- Public
- Commercial

Water lines - not in use (Tryck, Nyman & Hayes)

Water pipe ** - intermittent use

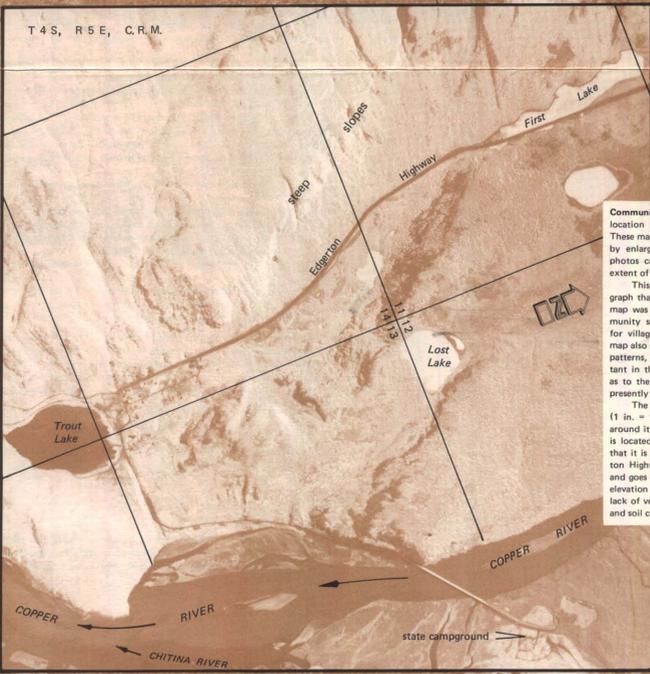
Generator **

Earth Station (RCA)

Land status (BLM; numbers refer to surveys, applications, patents, etc.)

Erosion

* Data collected by AEIDC field survey.
** Shows occurrence but not actual location.



Community Base Map—Maps are needed to show land use, ownership, location of utilities, and to plan for future village improvements. These maps can be prepared by either surveying the land on the ground, by enlargement of aerial photos, or by a combination of both. Air photos can be taken at various heights. The height determines the extent of the area covered by the photograph.

This community base map (right) was prepared from a photograph that was enlarged to a scale of 1:3,600 (1 in. = 300 ft.). This map was used to locate the present utilities, homes, and various community services and can be used in the future to evaluate the area for village expansion and to locate sites for new construction. The map also shows the area around the village, including old trails, drainage patterns, and type of vegetative cover. This kind of data is very important in the development of community growth and expansion as well as to the understanding of some of the environmental conditions that presently affect the community.

The photograph to the left was taken at a height of 8,400 feet (1 in. = 1,400 ft.). From this height the village as well as the land around it can be clearly evaluated. This photograph shows that Chitina is located near the confluence of the Chitina and Copper Rivers and that it is connected to Alaska's major highway network via the Edgerton Highway, which passes through Chitina, crosses the Copper River, and goes to the state campground. Steep slopes to the west rise to an elevation of over 3,000 feet; the steeper slopes are marked by their lack of vegetation. Changes in vegetation also reflect drainage patterns and soil conditions.

- 1 Communications building
- 2 Store
- 3 Garage
- 4 Bar / hotel (vacant at time of survey)
- 5 Bar
- 6 Post office
- 7 Store / cafe
- 8 Garage
- 9 Texaco station
- 10 Gas station (Vacant at time of survey)

The Alaska Development & Mineral Company, a corporation organized under the laws of the State of New York, surveyed, laid out and platted all of the lands within U. S. Nos. 264, 596, 702, and the southerly and easterly portions of U. S. S. No. 697 as the "Chitina Town Site" in 1919. Easements and rights-of-ways within this area were dedicated to the public at that time.

Note: This community base map has been prepared from low altitude aerial photographs which contain unavoidable distortions in scale. Property and utility information have been generalized from many sources and may contain minor inconsistencies. This map should not be construed as a survey.

The U.S.G.S. operates a stream gauge on the Copper River near Chitina and reports an average annual discharge of 36,730 cfs.