COMMUNITY MAP

RUSSIAN MISSION

61°47'N 161°19'W Elevation 70'

The preparation of this document was financed in part through a comprehensive planning grant from the Department of Housing and Urban Development, under the provisions of Section 701 of the Housing Act of 1954, as amended, and the Division of Community Planning, Department of Community and Regional Affairs in conjunction with the Department of Transportation and Public Facilities of the State of Alaska, December, 1979.

Note: These maps have been prepared from uncontrolled aerial photographs. Scale is approximate and minor distortion may exist. Property and utility information has been generalized from many sources and may contain minor inconsistencies. These maps should not be construed as surveys. On-site investigations should be conducted prior to construction.

N

50 0 100 200 Feet

25 0 25 50 75 Meters

1. School generator
2. School fuel storage tanks
3. Village generator
4. Elementary school
5. Teacher housing
6. PHS well house
7. Storage
8. Post office
9. PHS clinic
10. Church
11. Church
12. Church
13. Fuel storage
14. Weather station
15. Storage
16. Storage
17. Fuel storage
18. Store
19. Snowmachine shop
20. Store
21. Community hall/high school
22. Temporary PHS buildings

Yukon River

USS 3644 I234988 R/W

Boat landing sites along village shoreline

F14927A V/Sel Apln
USS 733 Ind Mission Pot

Most structures in this section of the village are connected to the community sewer and water system. For clarity, individual service connections are not shown.

Proposed 60,000 gallon water storage tank

Proposed access road

Existing access road

Solid waste disposal site

Sewage lagoon

Cemetery

Proposed apron

1,500' gravel and dirt airstrip

F030059 Airport Lse
F14927A V/Sel Apln

Nunvotchuk Lake

Proposed 1,100' airport extension

Recirculating heated water main

Proposed subdivision

To proposed solid waste disposal site

To proposed sewage lagoon

USS 733 Ind Mission Pot

F14927A V/Sel Apln

Flood Data

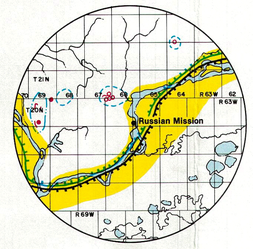
Area that would be inundated by a flood with a frequency of approximately 100 years.

NOTES:

- Flood hazard work was performed by the Alaska District Corps of Engineers at the request of and funded by the Federal Insurance Administration.
- The flood hazard area shown hereon is based on meager data, plus a minimum of historical flooding information and should be considered as preliminary.
- The major flooding that occurs at this location is the result of stream overflow and spring ice jams.
- Any levees or dikes were considered in delineating the approximate 100 year flood.
- All area shown on map is within corporate limits of Russian Mission.
- City of Russian Mission has the authority for land use regulation, but has not yet exercised it.

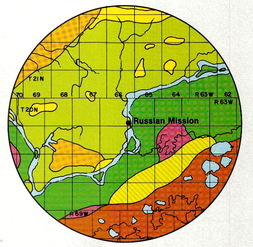
February 1975

Natural Resources of Russian Mission



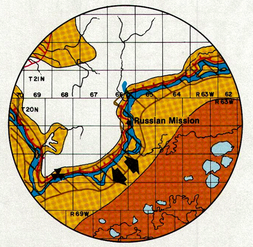
Minerals

- Intensive mining claim activity area
- Moderate to low mining claim activity area
- Lode deposit, prospect, or mine
- Placer deposit, prospect, or mine
- Oil and gas province or basin—occurrence of oil and gas rated moderate
- Oil and gas province or basin—occurrence of oil and gas rated low
- Sand and gravel along major streams and in delta and coastal deposits



Vegetation

- Bottomland spruce—poplar forest
- Upland spruce—hardwood forest
- Lowland spruce—hardwood forest
- High brush
- Moist tundra
- Wet tundra
- Alpine tundra and barren ground



Mammals, Waterfowl, and Fish

- Medium density waterfowl range
- High density waterfowl range
- Major waterfowl migration route
- Major anadromous fishery stream
- Major freshwater sport fish waters
- Caribou—present within generalized boundary
- Winter range
- Moose—present throughout area
- Winter concentration

Adapted from Selkregg, L. L. et al., 1976. *Alaska Regional Profiles: Yukon Region*

Land Use (from field survey)

- Residential
- Public
- Public use area
- Commercial
- Indicates approximate area

Note: Structures not outlined or color-coded have been determined to be minor accessory structures and/or dilapidated buildings.

Electricity (from field survey)

- Power line
- Service line
- Power pole
- Generator

Water (PHS)

- Water line
- Water line under construction
- Hydrant

Sewer (PHS)

- Sewer line
- Sewer line under construction
- Manhole

Fuel line

Phone

Earth station

Municipal boundary

Area of active erosion

Survey line (BLM or Alaska Division of Lands; numbers refer to U.S. Surveys)

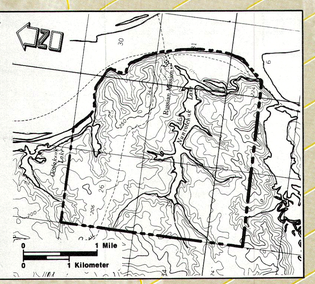
Land Status (BLM or Alaska Division of Lands; serial numbers refer to applications, patents, etc.)

Proposed survey line

Russian Mission Municipal Boundary

The description of the municipal boundaries approved by the State under the Village Incorporation Act is as follows:

Beginning at the northwest corner of Section 26, Township 20 North, Range 67 West, projected, Seward Meridian, Alaska; thence due South approximately 2½ miles to a point at the quarter corner on the west boundary of Section 2, Township 19 North, Range 67 West; thence due East approximately 2¾ miles to where this line intersects the West shore of Circle Slough of the Yukon River in Section 6, Township 19 North, Range 66 West; thence in a general northerly direction approximately 3-1/3 miles along the West shore of Circle Slough and the Yukon River to the point where the North boundary of Section 25, Township 20 North, Range 67 West, intersects the West shore of the Yukon River; thence due West approximately 1-1/3 miles to the point of beginning being an area containing 5-3/4 square miles, more or less.



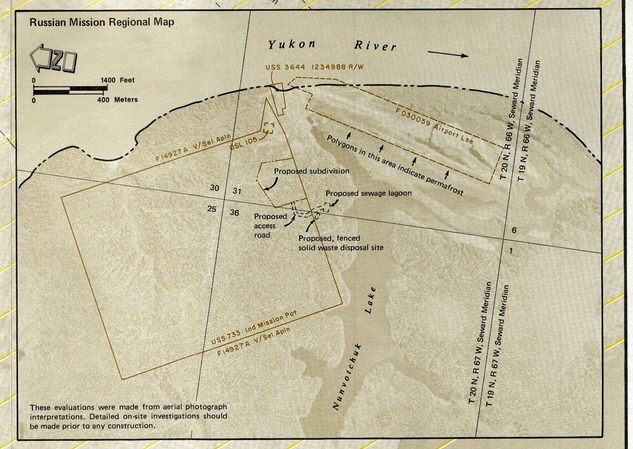
Community Map—Maps are useful in illustrating land use patterns, ownership, location of utilities and in planning for future village improvements. These maps can be prepared by surveying the land and/or by enlarging aerial photographs.

The Community Map shown here was prepared from a BLM aerial photograph taken in 1974 at a height of 8,400 feet and enlarged to a scale of 1:1,200 (1 in. = 100 ft.). This map has been used to display the present utilities, residential and commercial development, public facilities and to portray other information that will aid in evaluating the area for new construction and for potential village expansion.

The Regional Map below, printed at a scale of 1:16,800 (1 in. = 1,400 ft.), clearly shows the village and surrounding area. This photograph shows that Russian Mission has adequate surface drainage due to sufficient topographic relief. The presence of discontinuous permafrost is noted in low-lying areas as is indicated by intermittent frost polygon patterns. There is a downward slope from the base of Nunvotchuk Lake to the river's edge. Scars produced by the bank sloughing into the river, visible in the photo indicate that the western bank of the Yukon River near the edge of the village is subject to erosion.

This kind of data is very important in developing plans for community growth and expansion. It is useful in gaining an understanding of some of the natural and man-made features that affect the community (e.g., flood hazards, erosion, source of water supply, location of waste disposal sites, etc.).

Russian Mission Regional Map



These evaluations were made from aerial photograph interpretations. Detailed on-site investigations should be made prior to any construction.