



U.S. Department of the Interior
Bureau of Land Management

Ambler Road

Environmental Impact Statement

FINAL

Volume 4: Maps

March 2020

Prepared by:

U.S. Department of the Interior
Bureau of Land Management

In Cooperation with:

U.S. Army Corps of Engineers
U.S. Coast Guard
U.S. Environmental Protection Agency
Alatna Village Council
Allakaket Tribal Council (representing Allakaket Village)
Hughes Traditional Council (representing Hughes Village)
Noorvik Native Community
Northwest Arctic Borough
State of Alaska Department of Natural Resources

Participating Agencies:

Federal Highway Administration
National Park Service
U.S. Fish and Wildlife Service

**Estimated Total Costs Associated
with Developing and Producing
this EIS: \$4,880,000**

Mission

Sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

Cover Photo: Looking north at the Brooks Range from the Alatna Hills. Photo by Crystal Glassburn (BLM).

DOI-BLM-AK-F030-2016-0008-EIS
BLM/AK/PL- 19/013+1610+F030

Ambler Road

Final Environmental Impact Statement

Volume 4: Maps

Prepared by:

U.S. Department of the Interior
Bureau of Land Management

In Cooperation with:

U.S. Army Corps of Engineers
U.S. Coast Guard
U.S. Environmental Protection Agency
Alatna Village Council
Allakaket Tribal Council (representing Allakaket Village)
Hughes Traditional Council (representing Hughes Village)
Noorvik Native Community
Northwest Arctic Borough
State of Alaska Department of Natural Resources

Participating Agencies:

Federal Highway Administration
National Park Service
U.S. Fish and Wildlife Service

March 2020

**Estimated Agency Total Costs
Associated with Developing and
Producing this EIS: \$4,880,000**

This page is intentionally left blank.

Table of Contents

Volume 1 – Executive Summary, Chapters 1–3, and Appendices A–F

Volume 2 – Appendices G–K

Volume 3 – Appendices L–R

Volume 4 – Maps (Maps for Chapters 1–3)

Volume 4 – List of Maps for Chapters 1–3

Map 1-1 Project Vicinity

Map 2-1. Alternatives Considered but Eliminated

Map 2-2. Alternatives Overview

Map 2-3. Alternatives A and B

Map 2-4. Alternative C

Map 3-1. Permafrost

Map 3-2. Asbestos Potential

Map 3-3. Contaminated Sites within 5 miles of an Alternative

Map 3-4. Potential Fossil Yield

Map 3-5. Major Watersheds

Map 3-6. Large Rivers, Lakes, and Hydrologic Gages

Map 3-7. Ecoregions

Map 3-8. Vegetation Types

Map 3-9. Wetlands

Map 3-9B. Nutuvukti Fen Wetlands

Map 3-10. Rare Plants and Ecosystems Recorded

Map 3-11. Invasive Plants and Watershed Vulnerability Ranking

Map 3-12. Elodea Susceptible Rivers

Map 3-13. Historical Fire Starts and Fire Perimeters

Map 3-14. Fire Management Options

Map 3-15. Invasive Plants and Watersheds Affected by Alternative

Map 3-16. Likely Fire Management Options due to the Project

Map 3-17. Known Salmon Spawning and Habitat

Map 3-18. Known Non-Salmon Fish Habitat

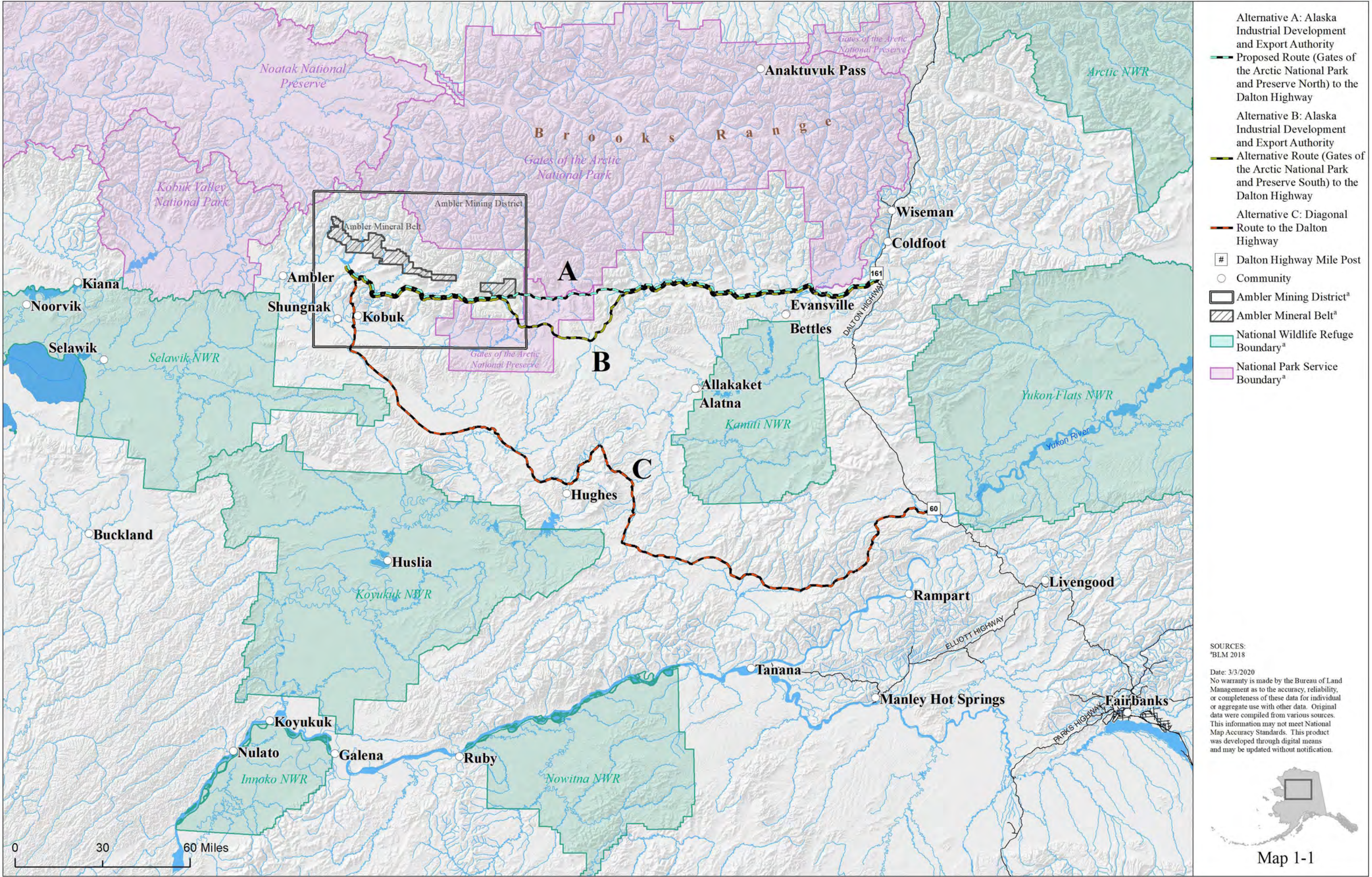
Map 3-19. Wood Frog Potential Distribution and Observations

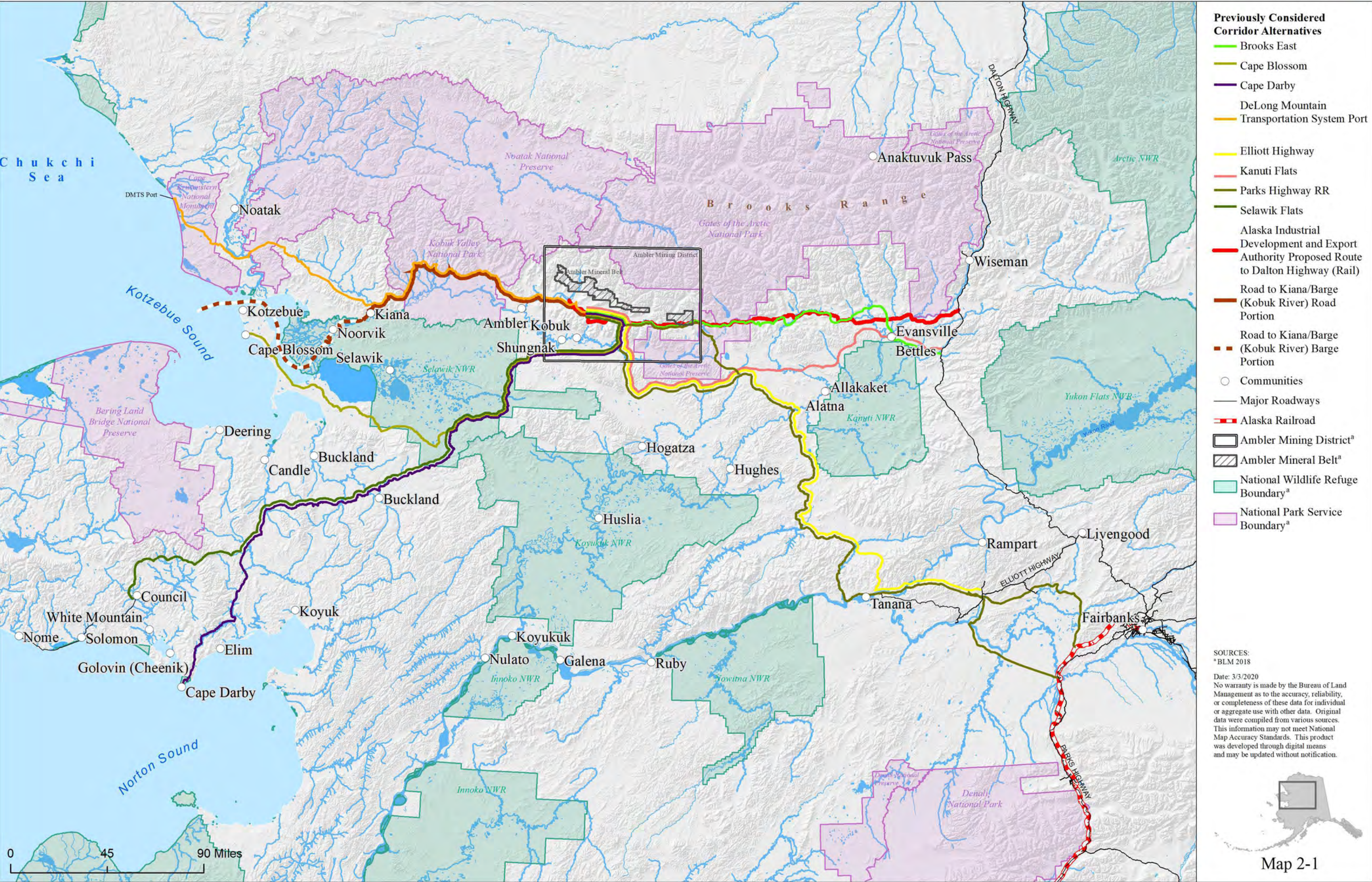
Map 3-20. Ranges of Caribou Herds in Northwestern Alaska

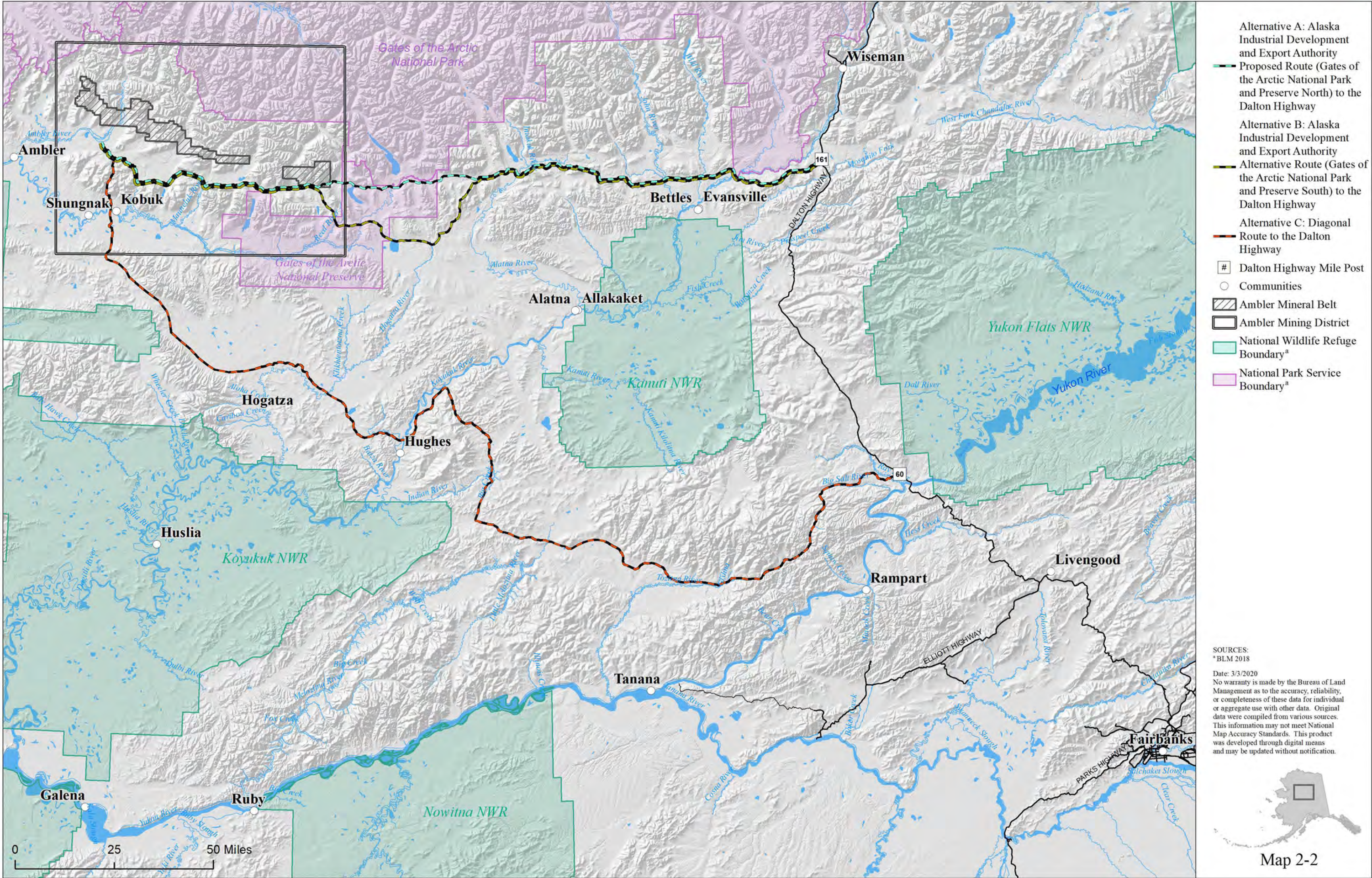
Map 3-21. Caribou Seasonal Ranges

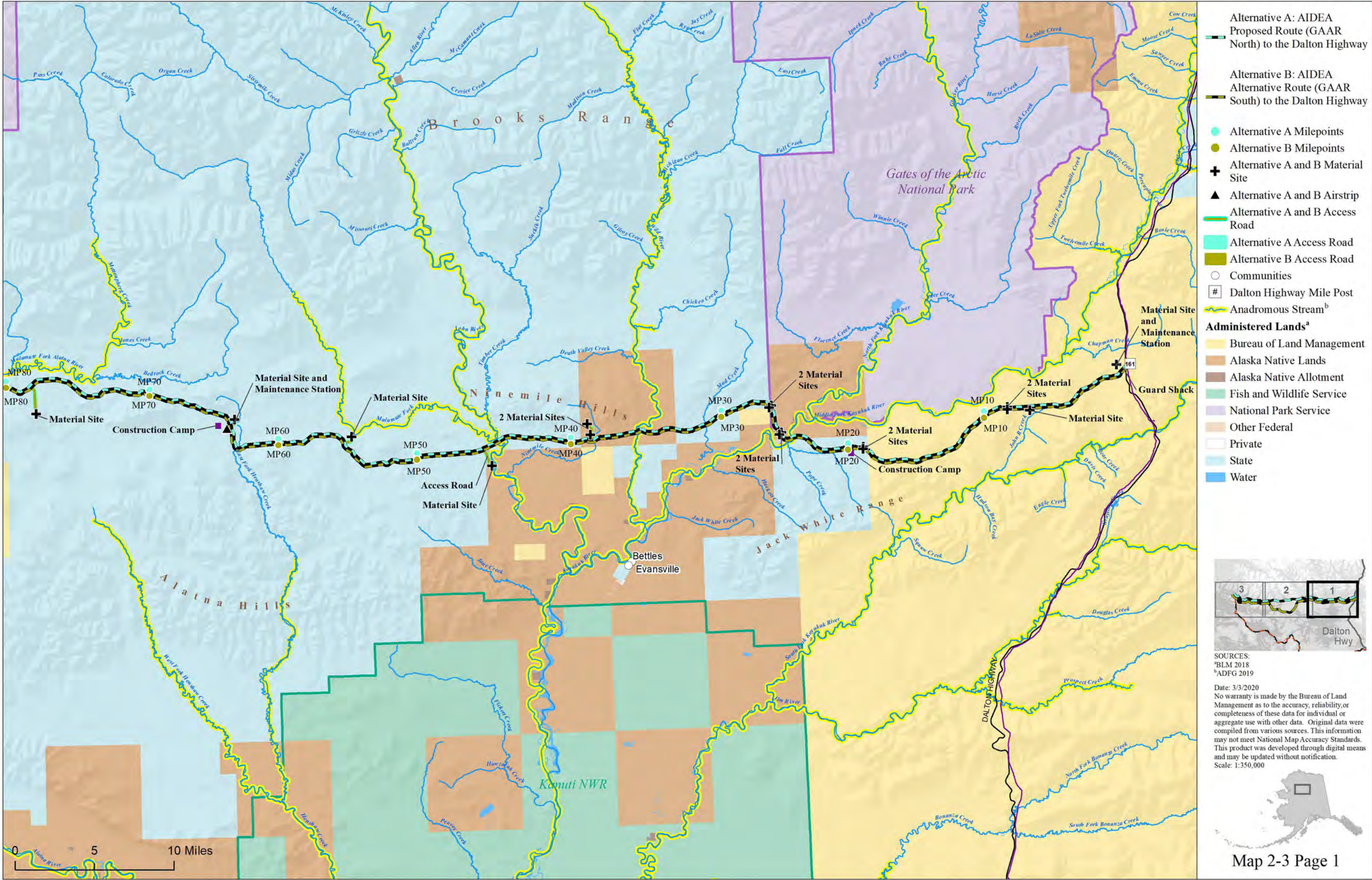
Ambler Road Final EIS
Volume 4 – List of Maps for Chapters 1–3

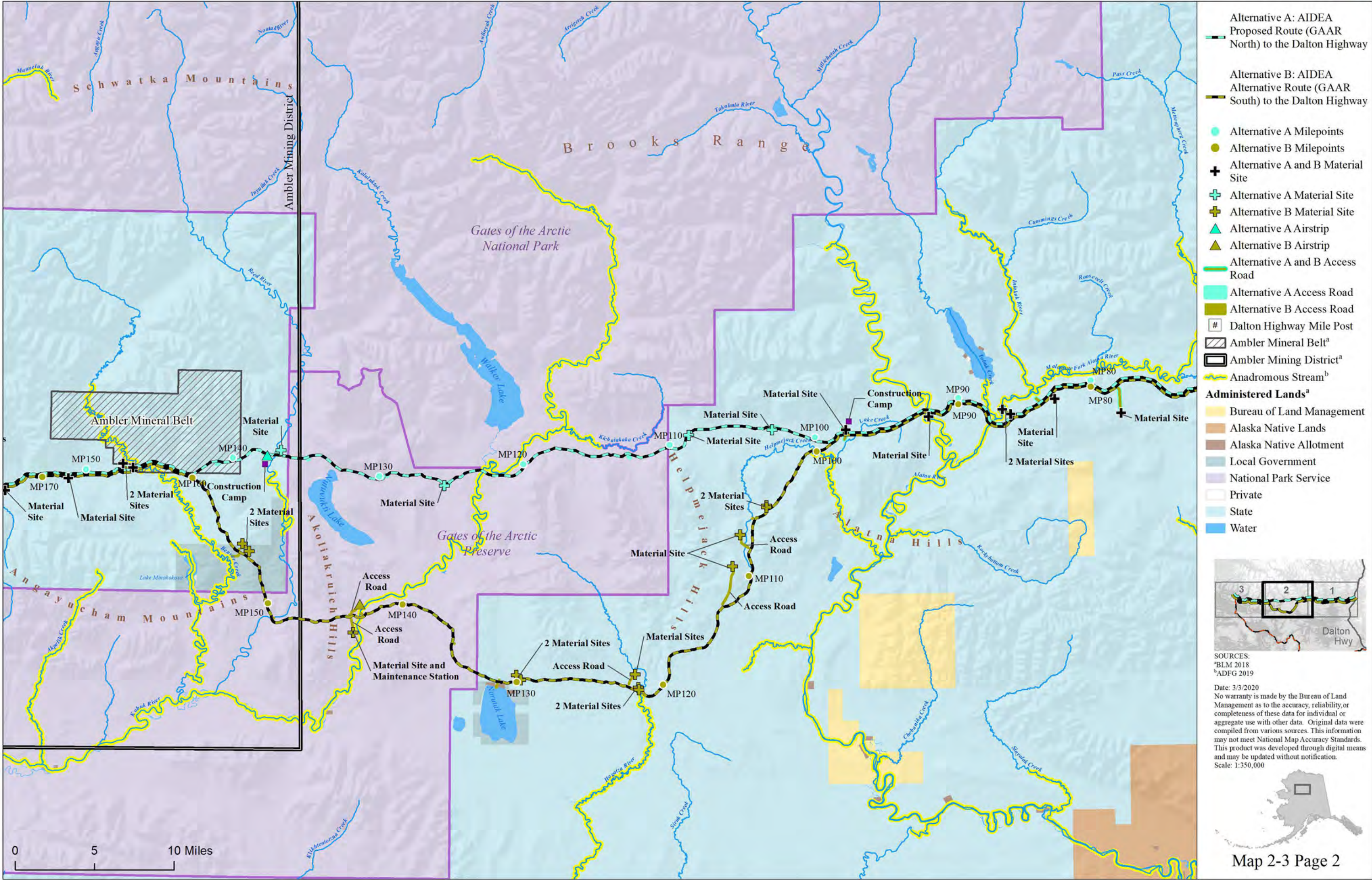
- Map 3-22. Caribou Seasonal Ranges and Western Arctic Herd Route Crossings
- Map 3-23. Fall and Winter Distribution of Collared Female Western Arctic Herd Caribou
- Map 3-24. Administered Lands
- Map 3-25. Mining Claims
- Map 3-26. Special Land Management Designations
- Map 3-27. Existing Transportation
- Map 3-28. Regional Transportation
- Map 3-29. Recreation
- Map 3-30. BLM Visual Resource Classes
- Map 3-31. Census Areas
- Map 3-32. Subsistence and Caribou Study Communities

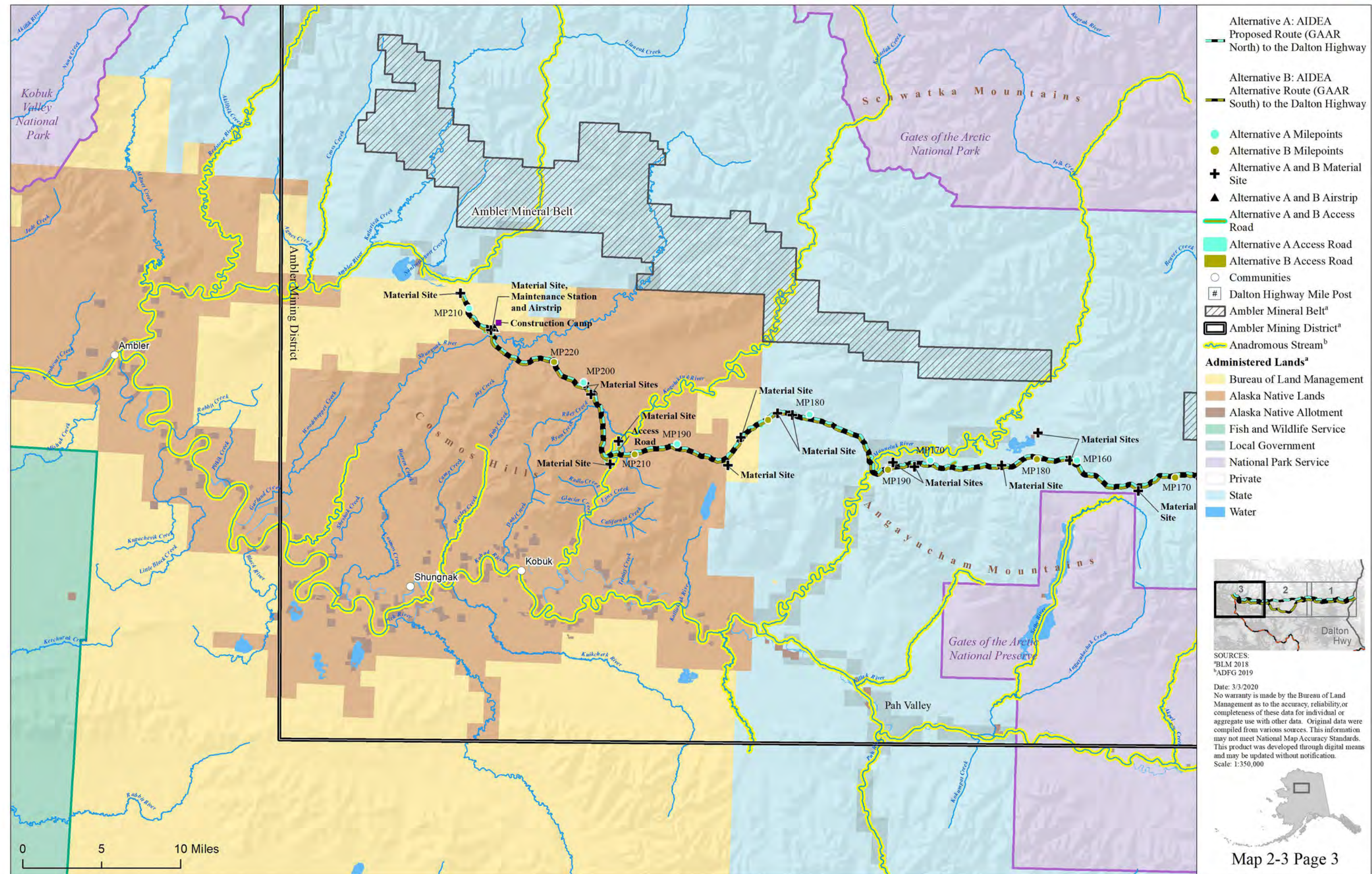


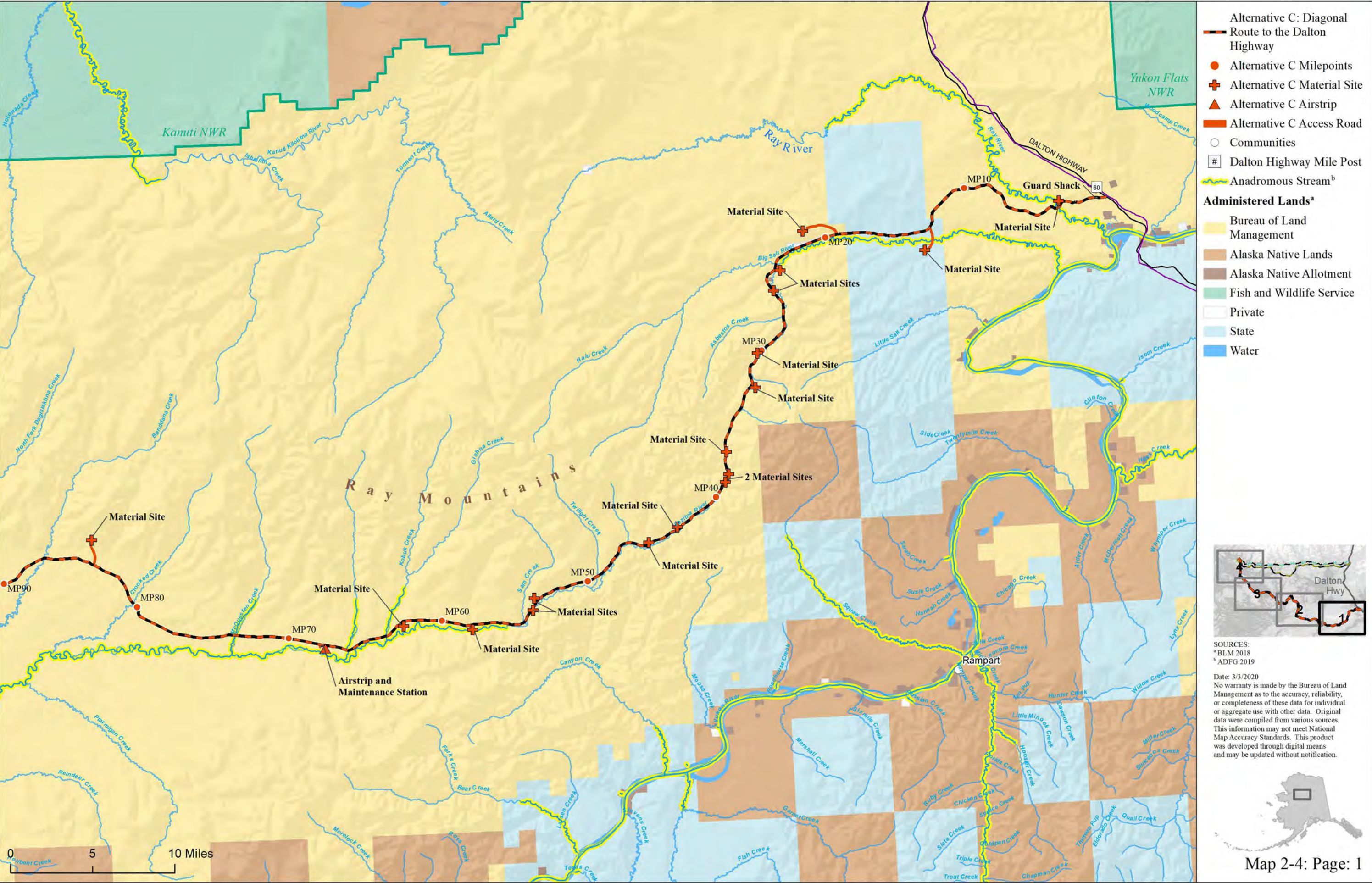


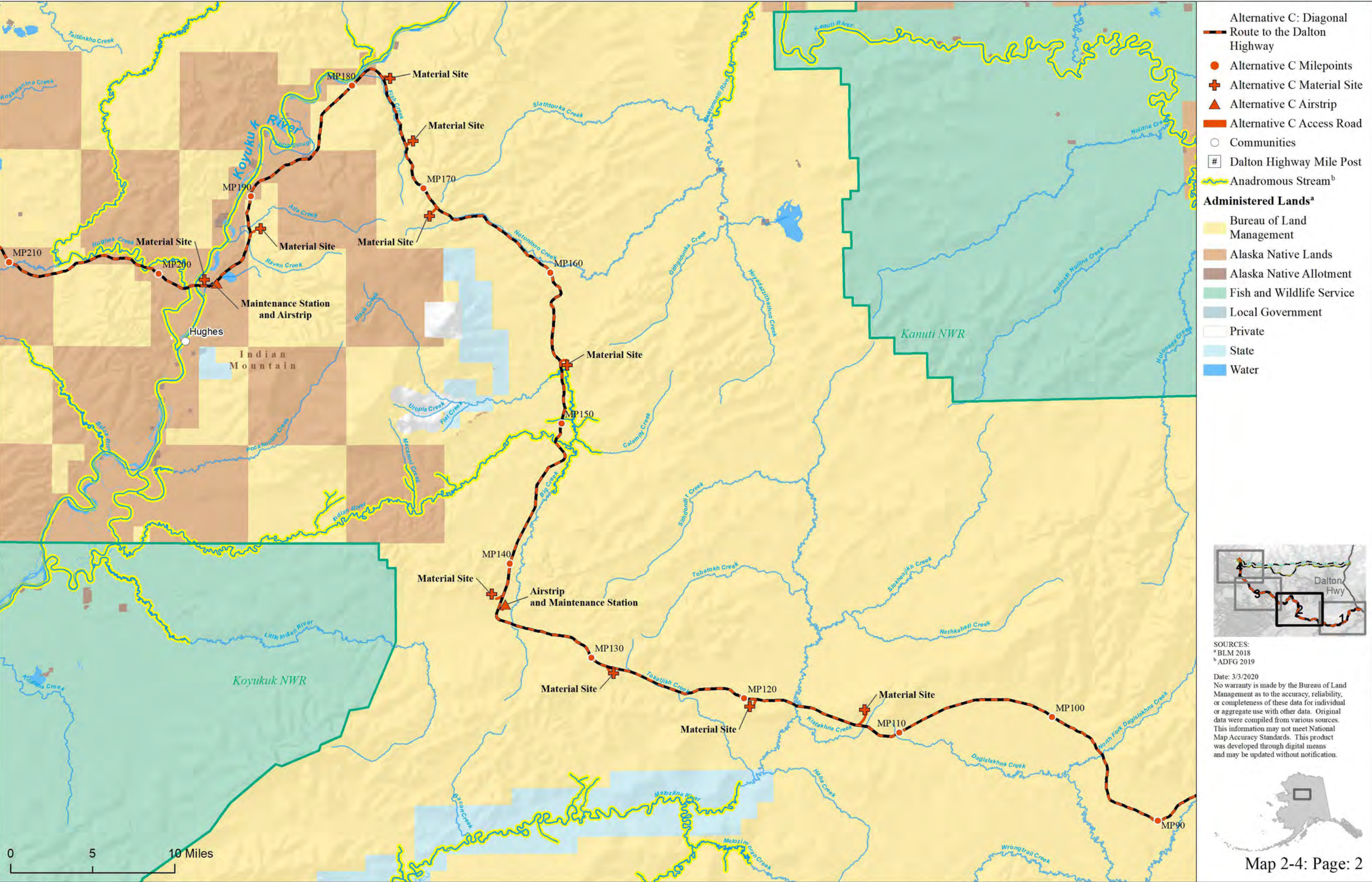


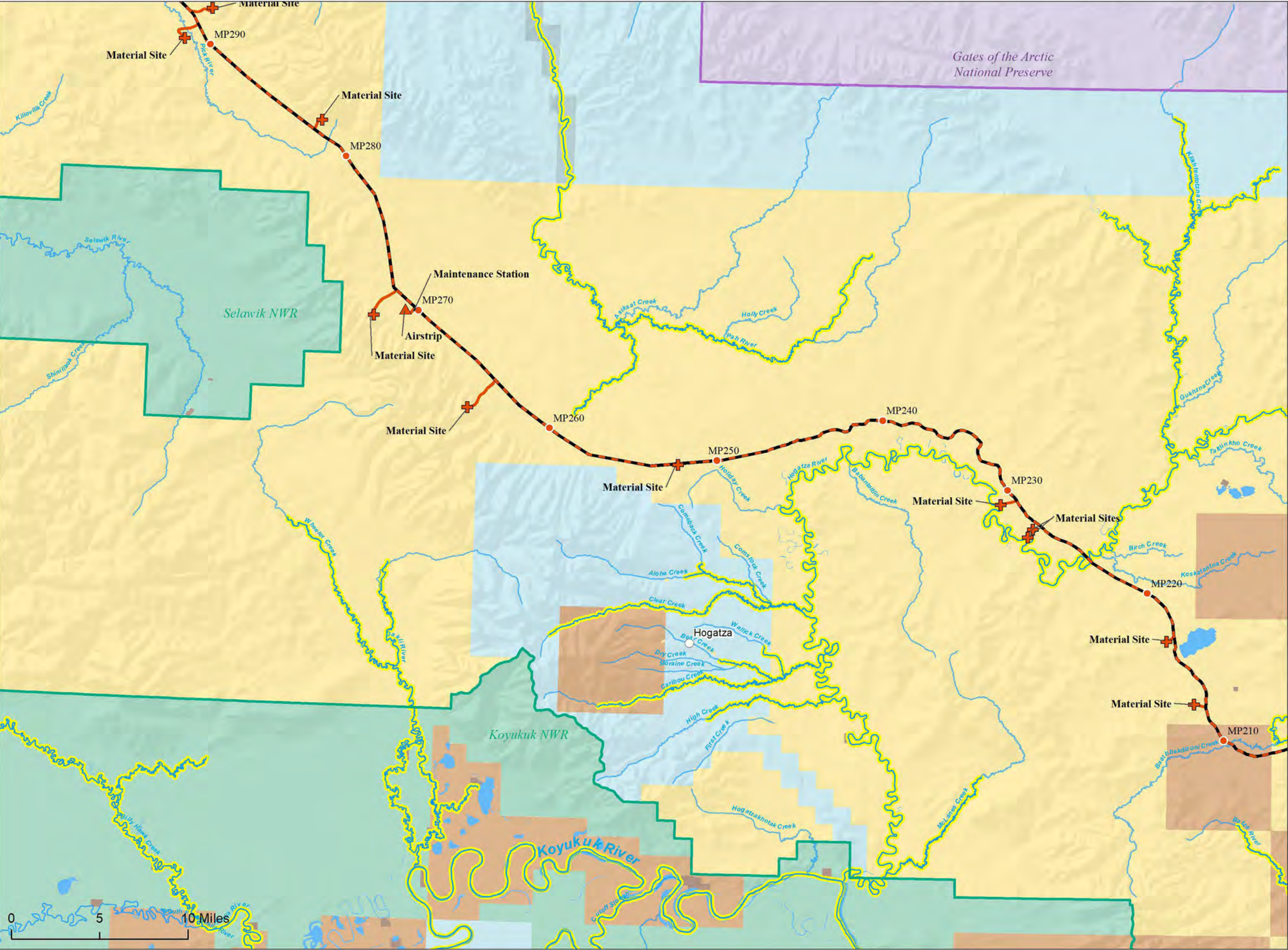












Alternative C: Diagonal Route to the Dalton Highway

- Alternative C Milepoints
- Alternative C Material Site
- Alternative C Airstrip
- Alternative C Access Road
- Communities
- Dalton Highway Mile Post
- Anadromous Stream^b

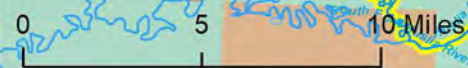
Administered Lands^a

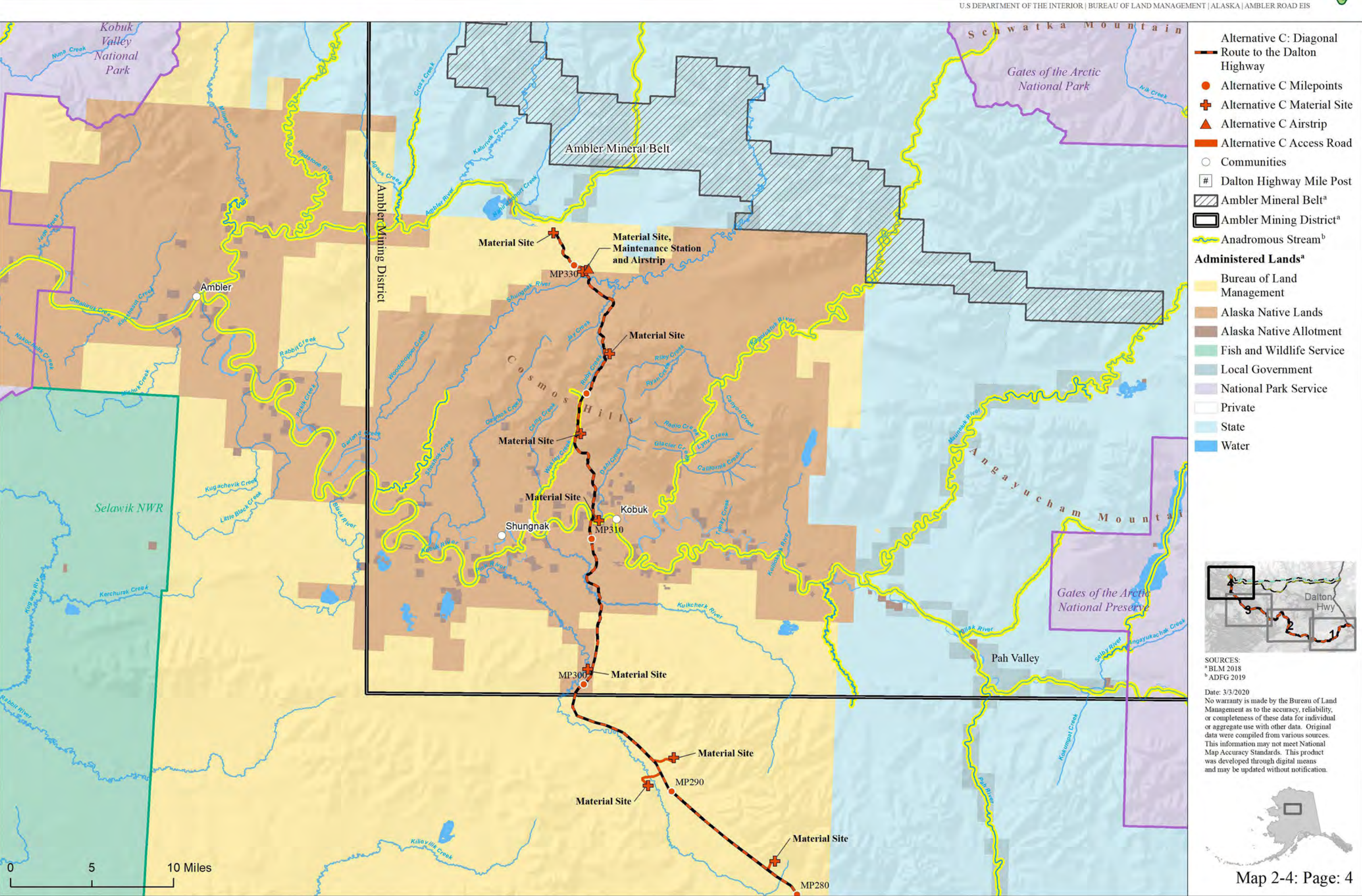
- Bureau of Land Management
- Alaska Native Lands
- Alaska Native Allotment
- Fish and Wildlife Service
- Local Government
- National Park Service
- Private
- State
- Water

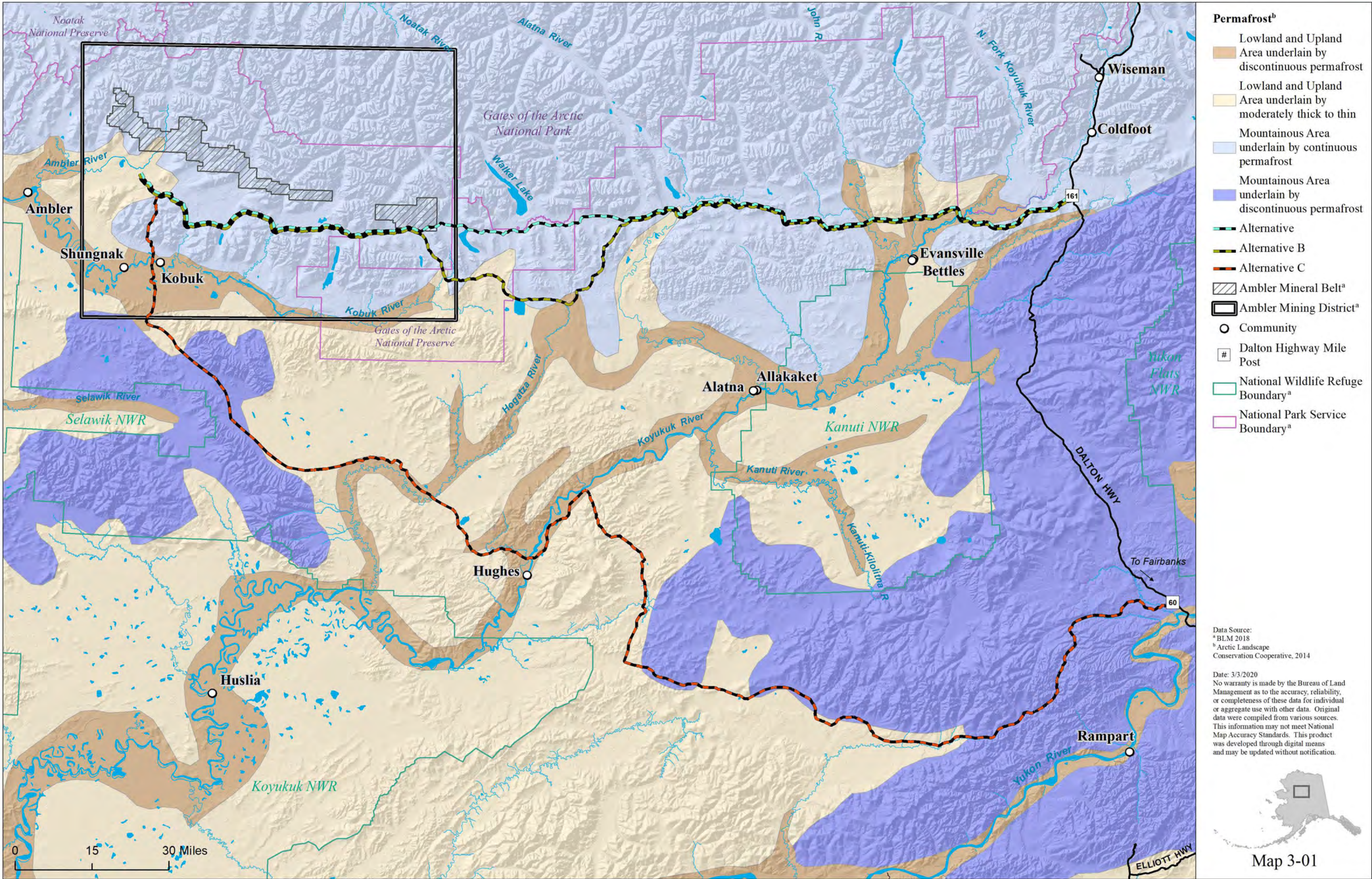


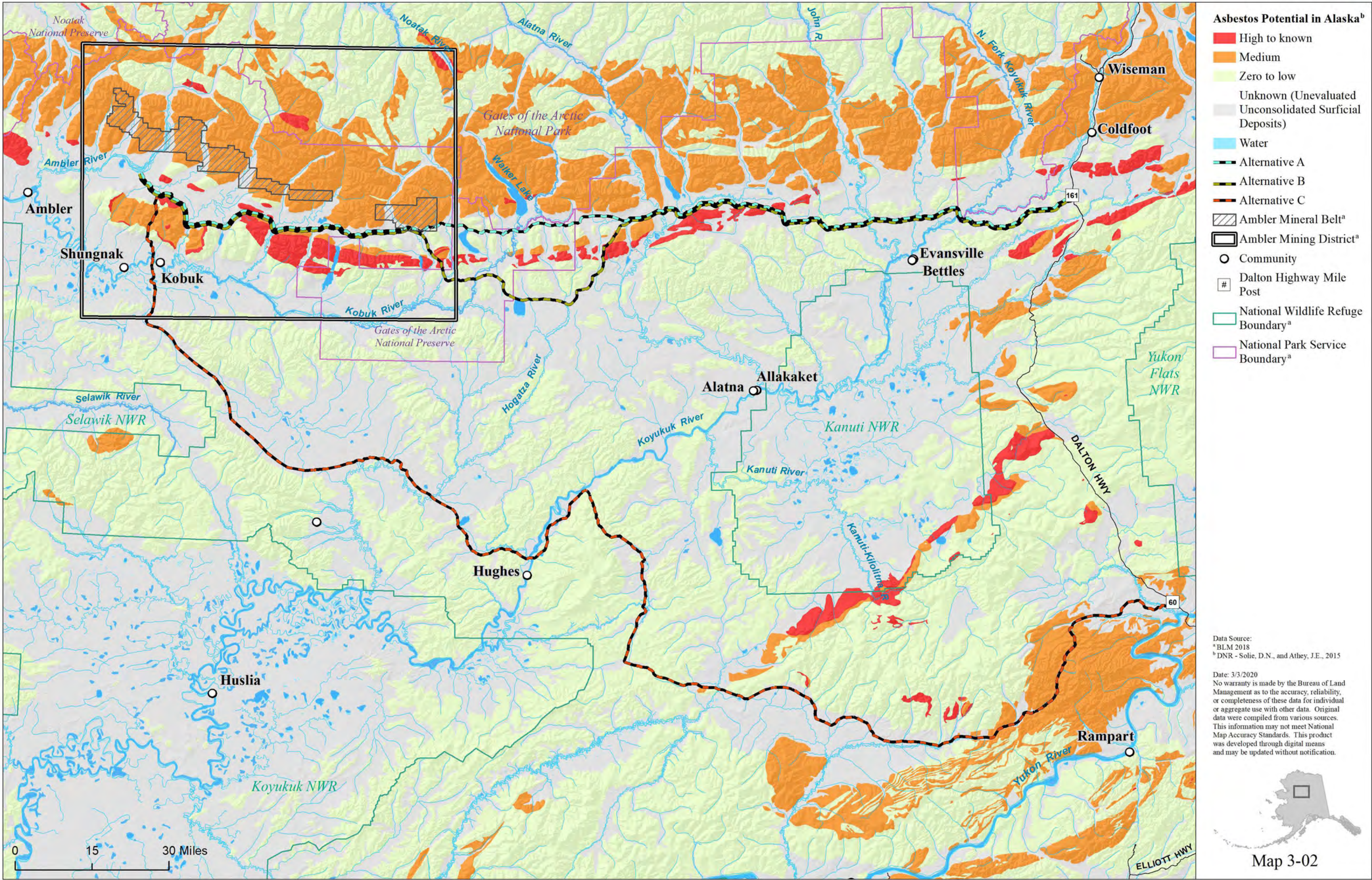
SOURCES:
^a BLM 2018
^b ADFG 2019

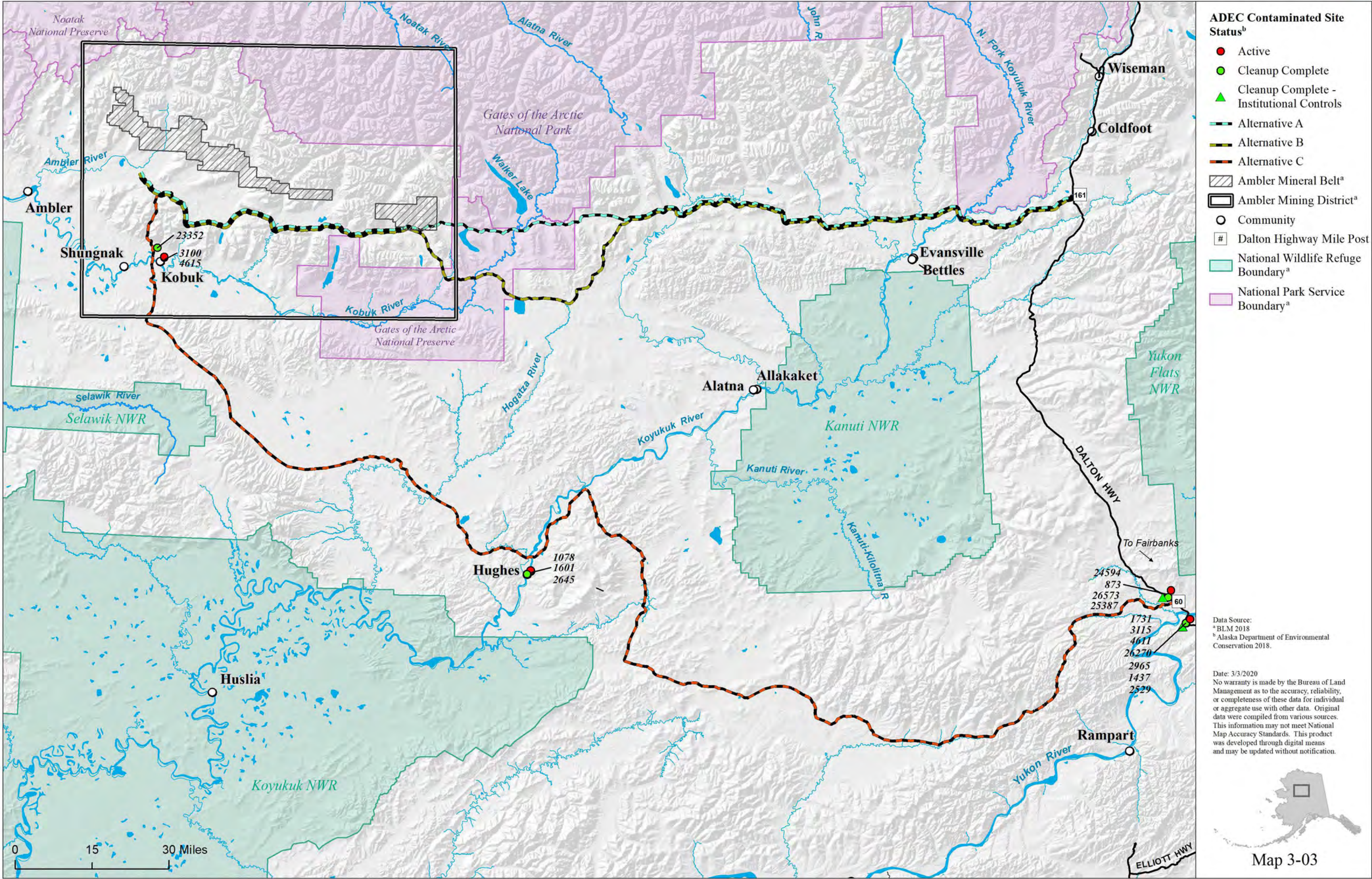
Date: 3/3/2020
No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

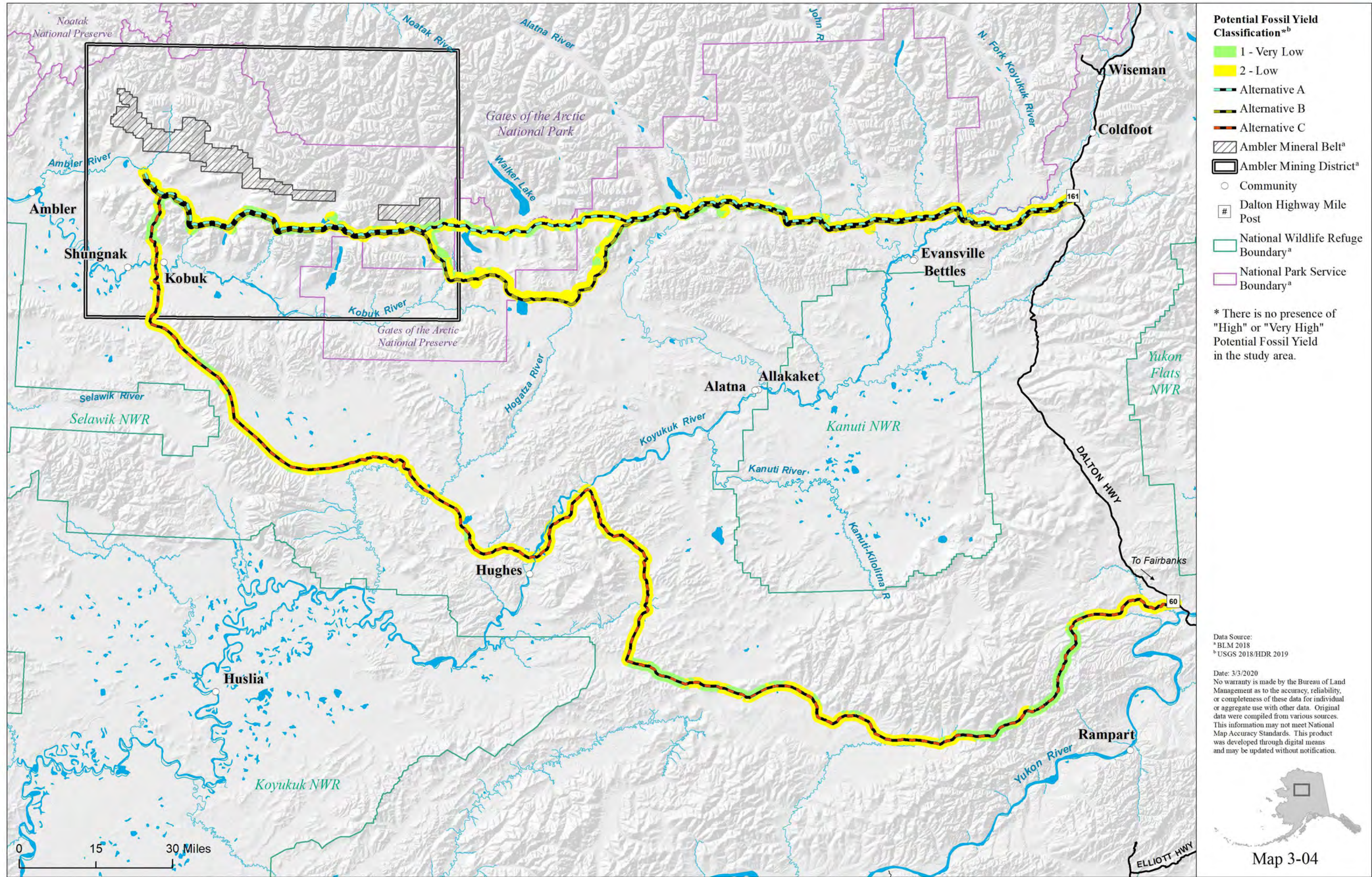


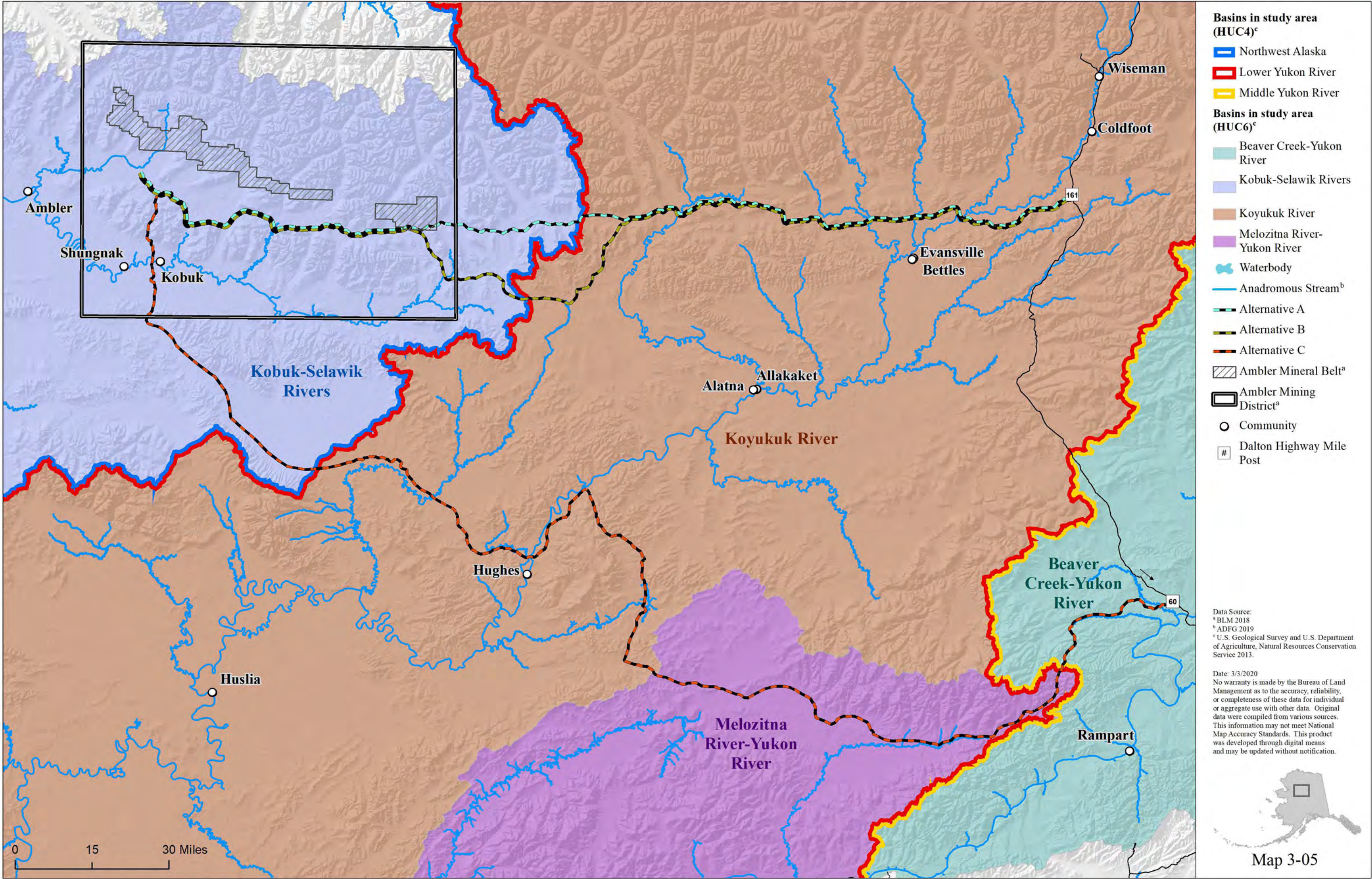


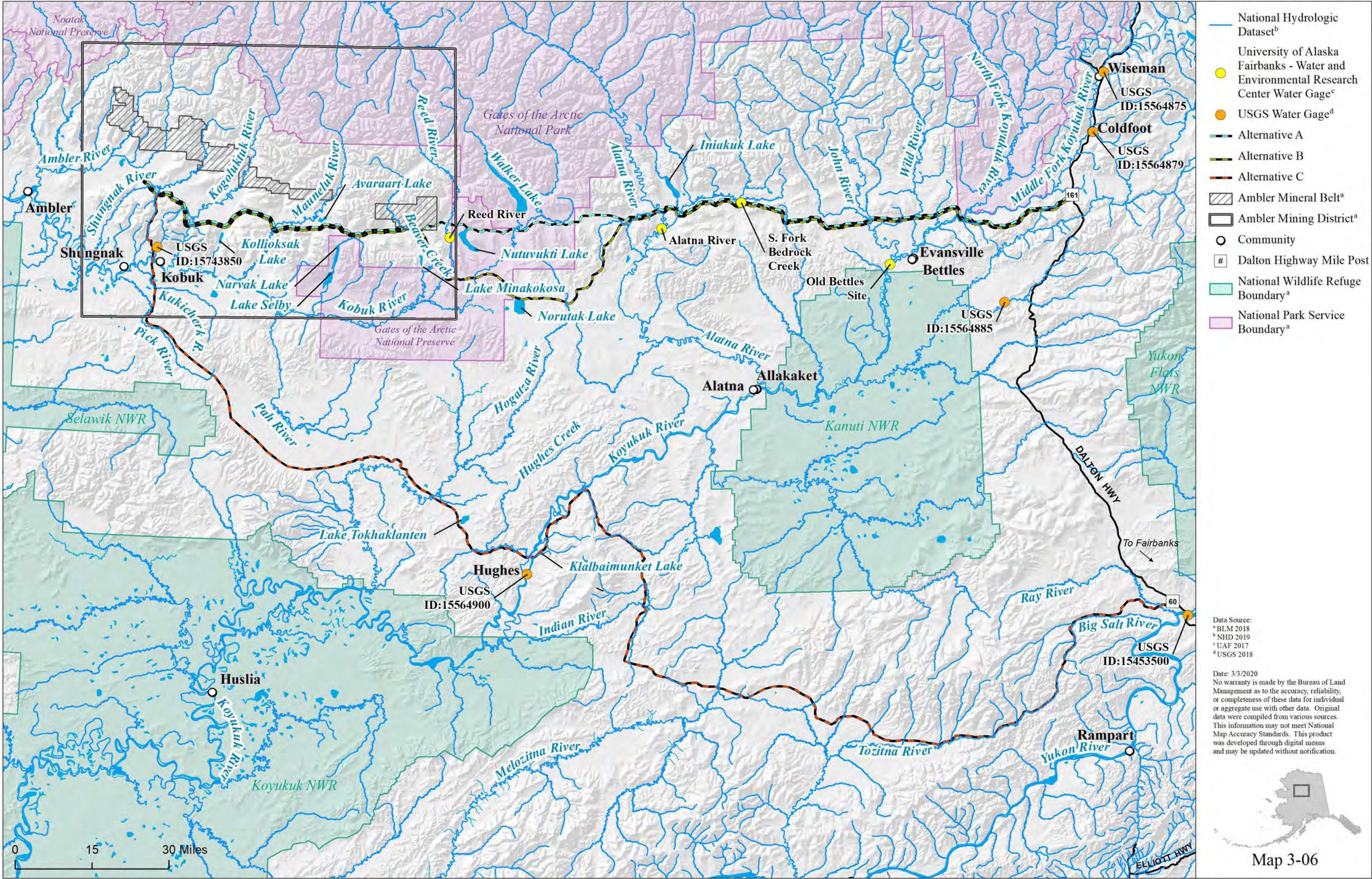


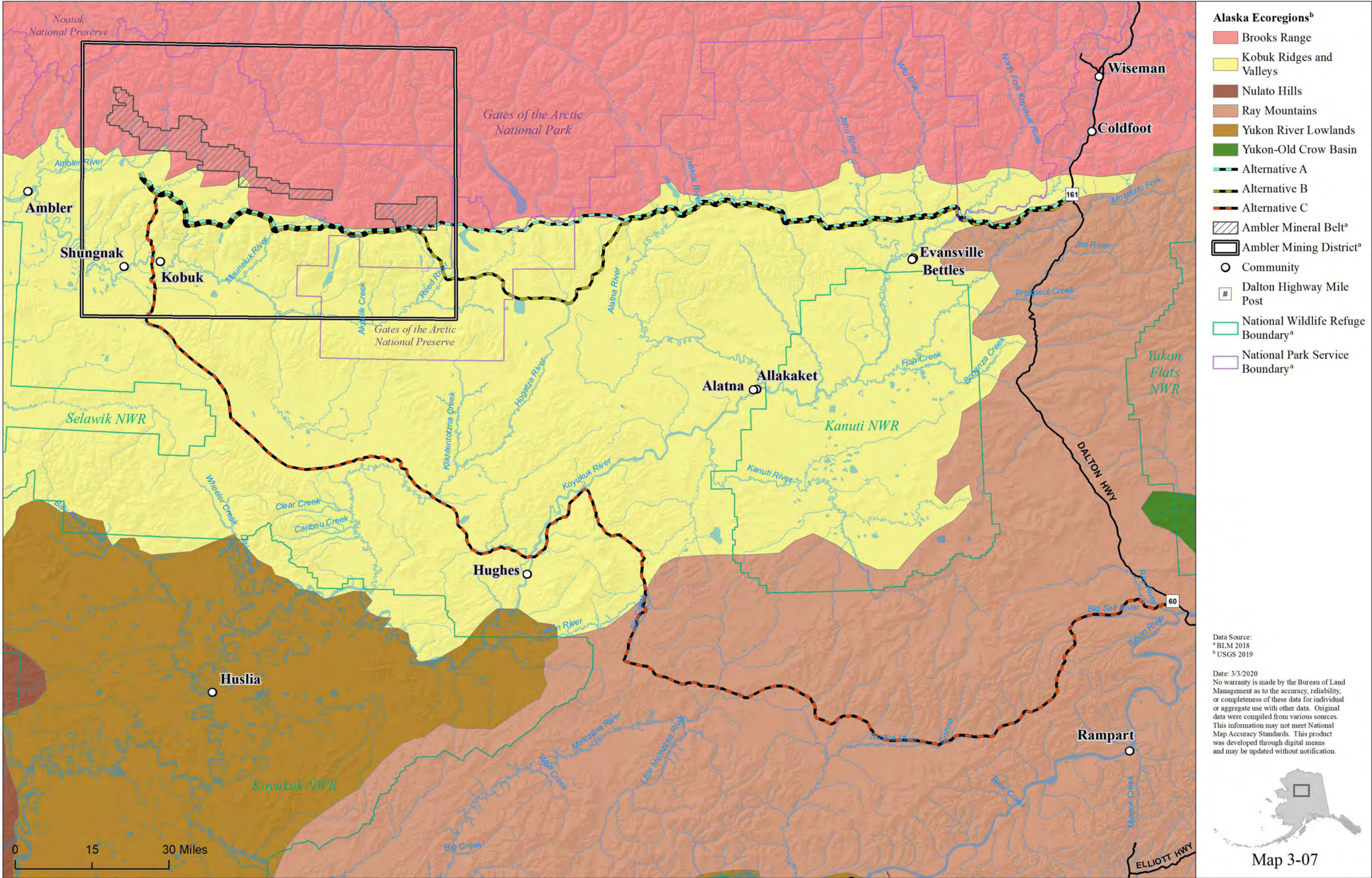


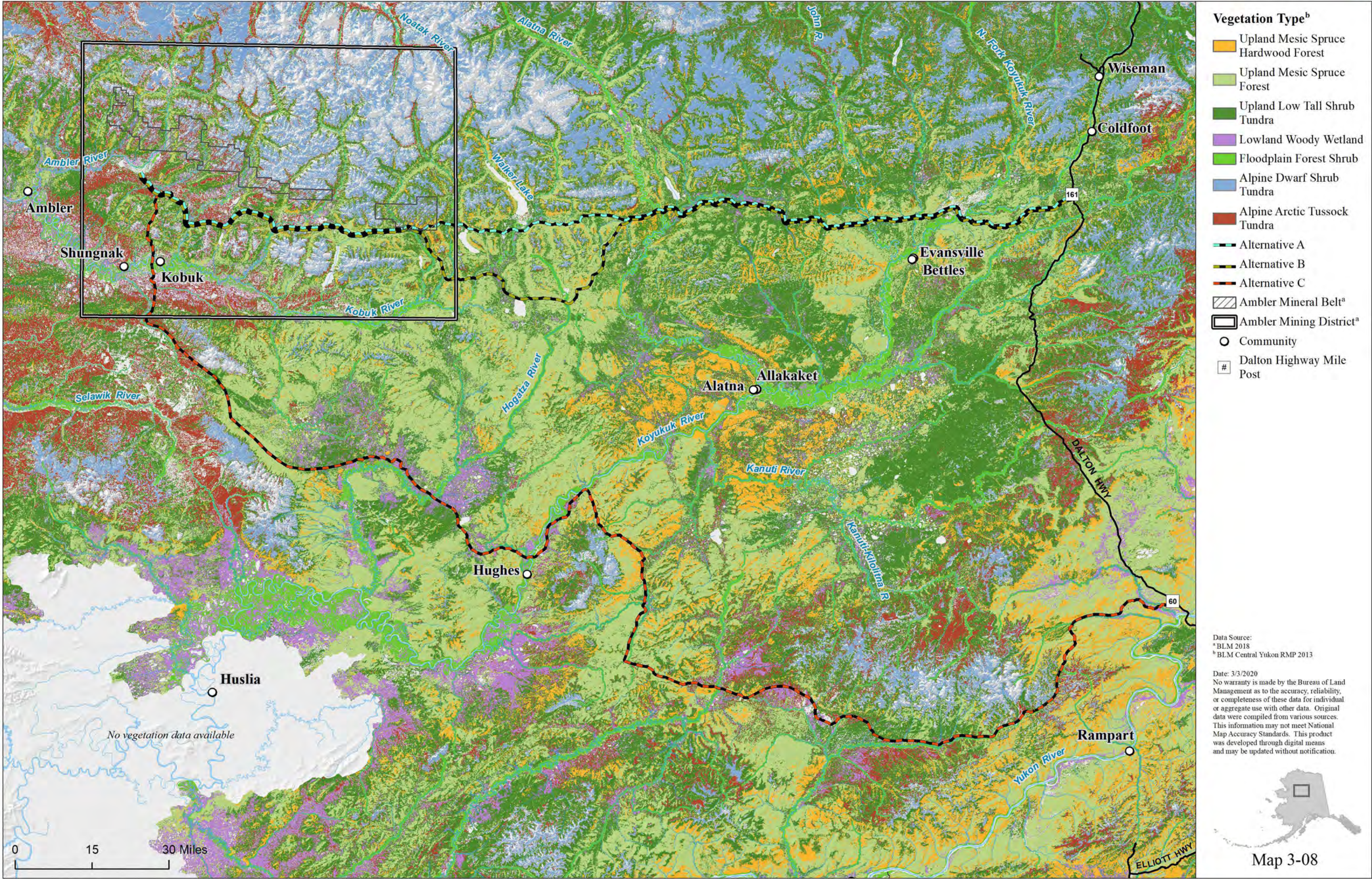


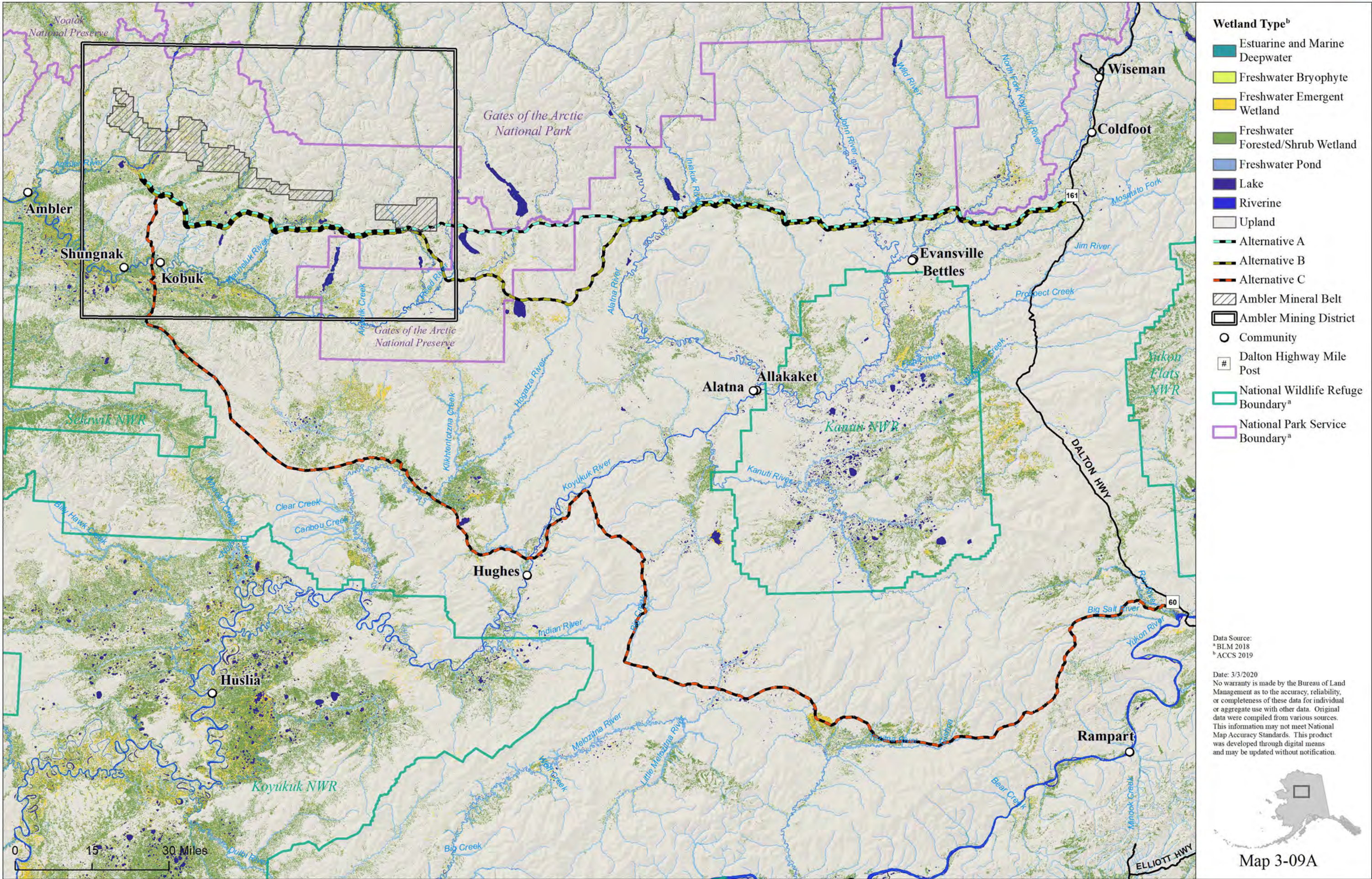


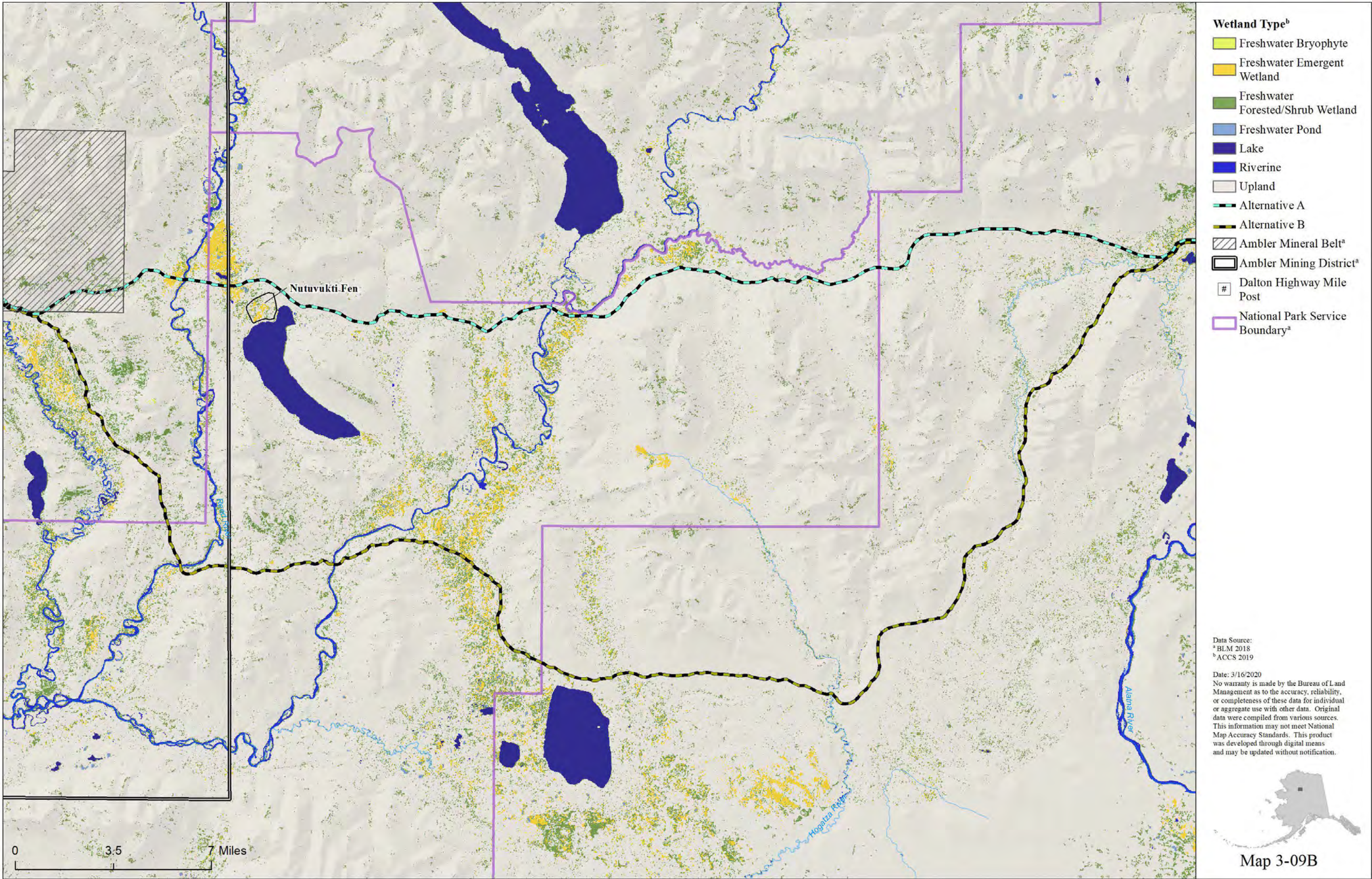


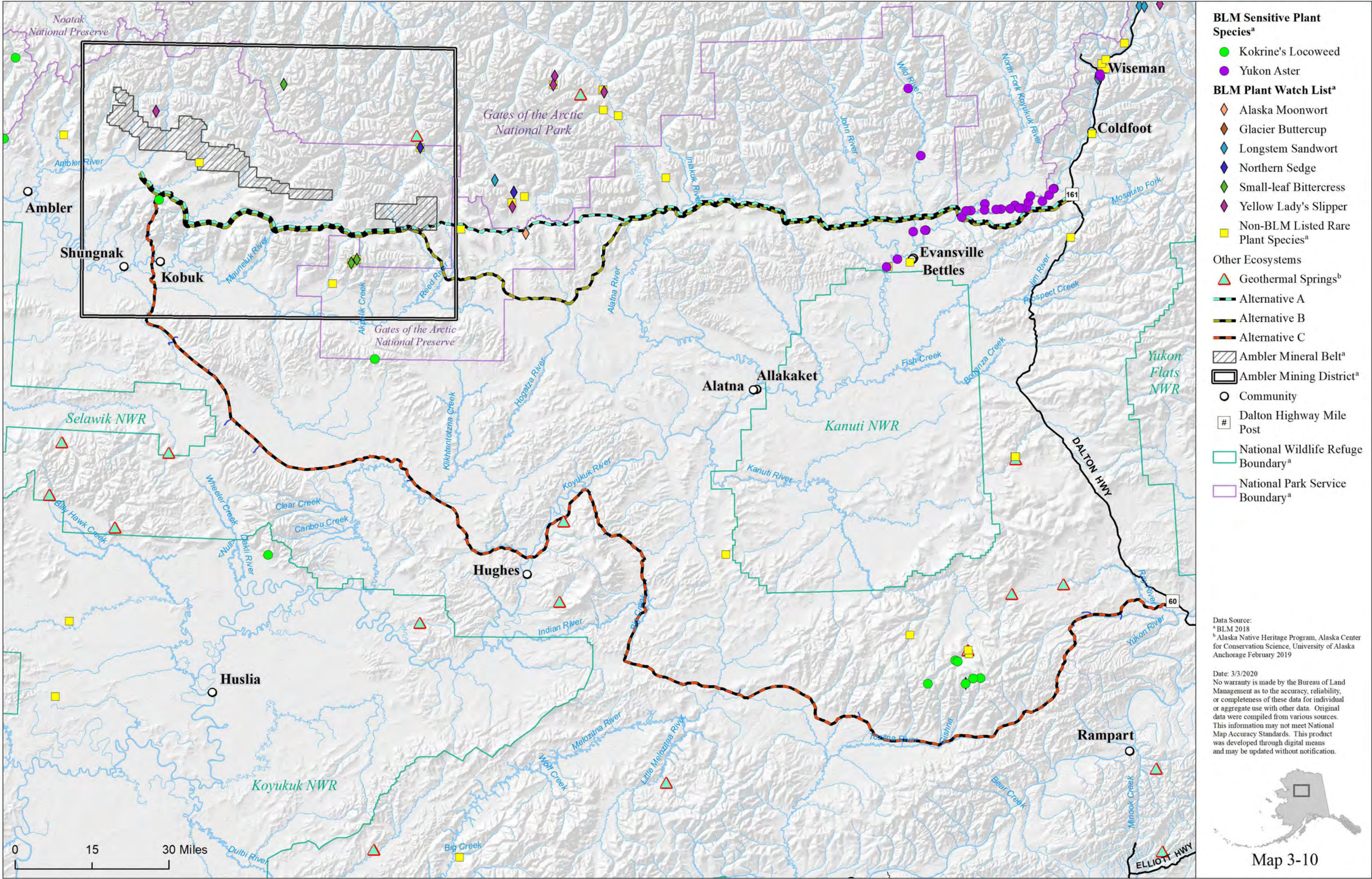


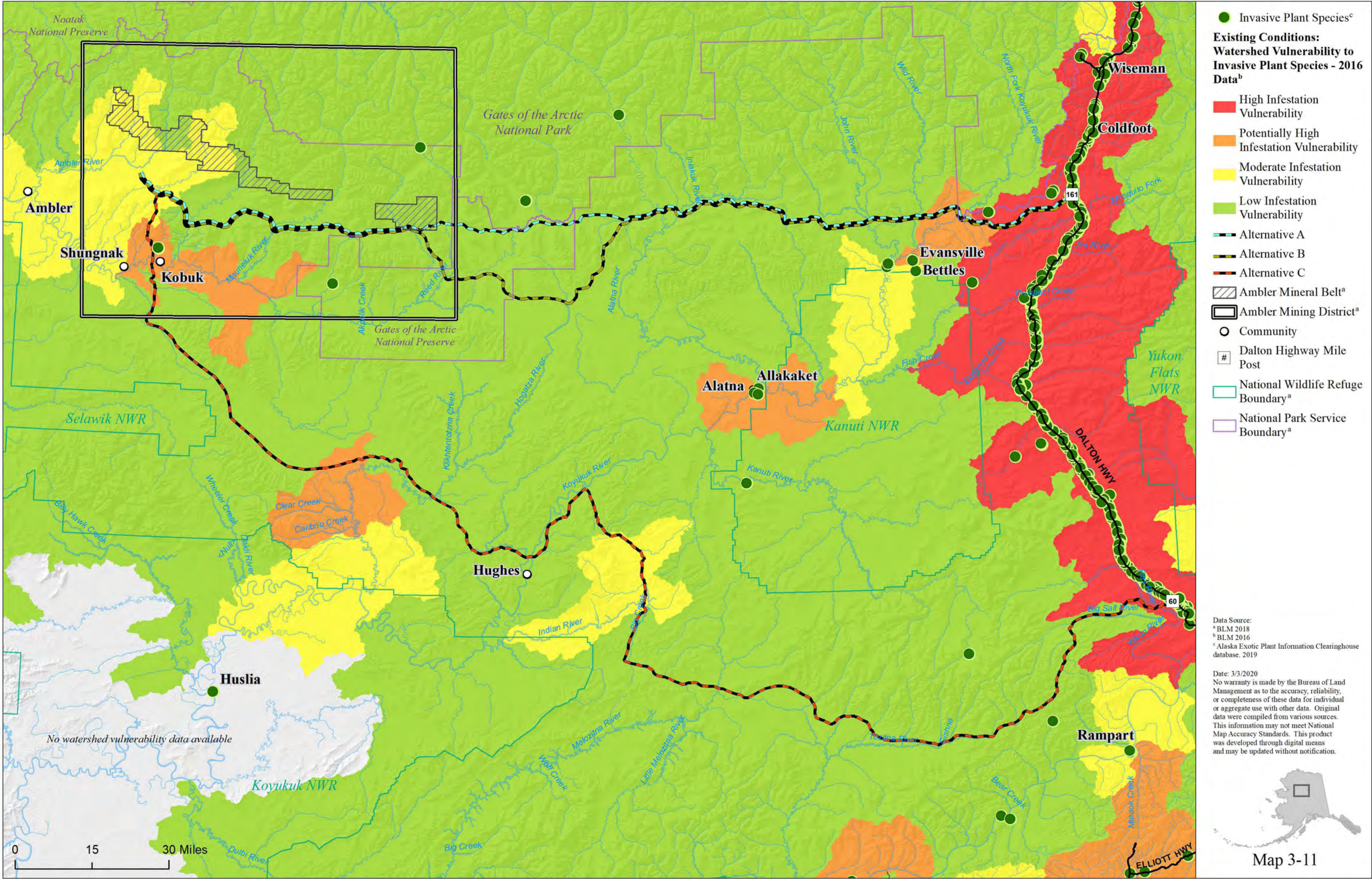


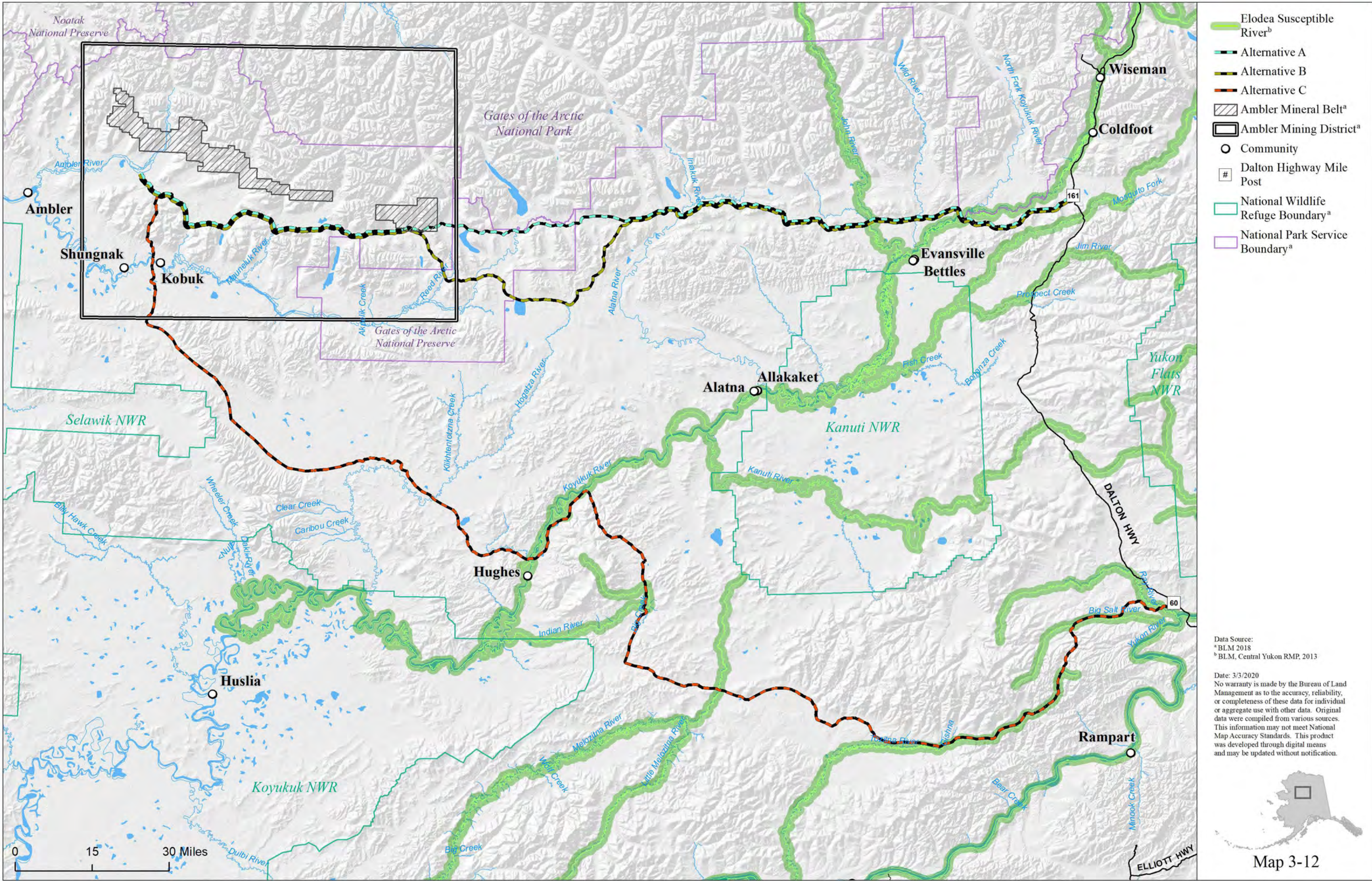


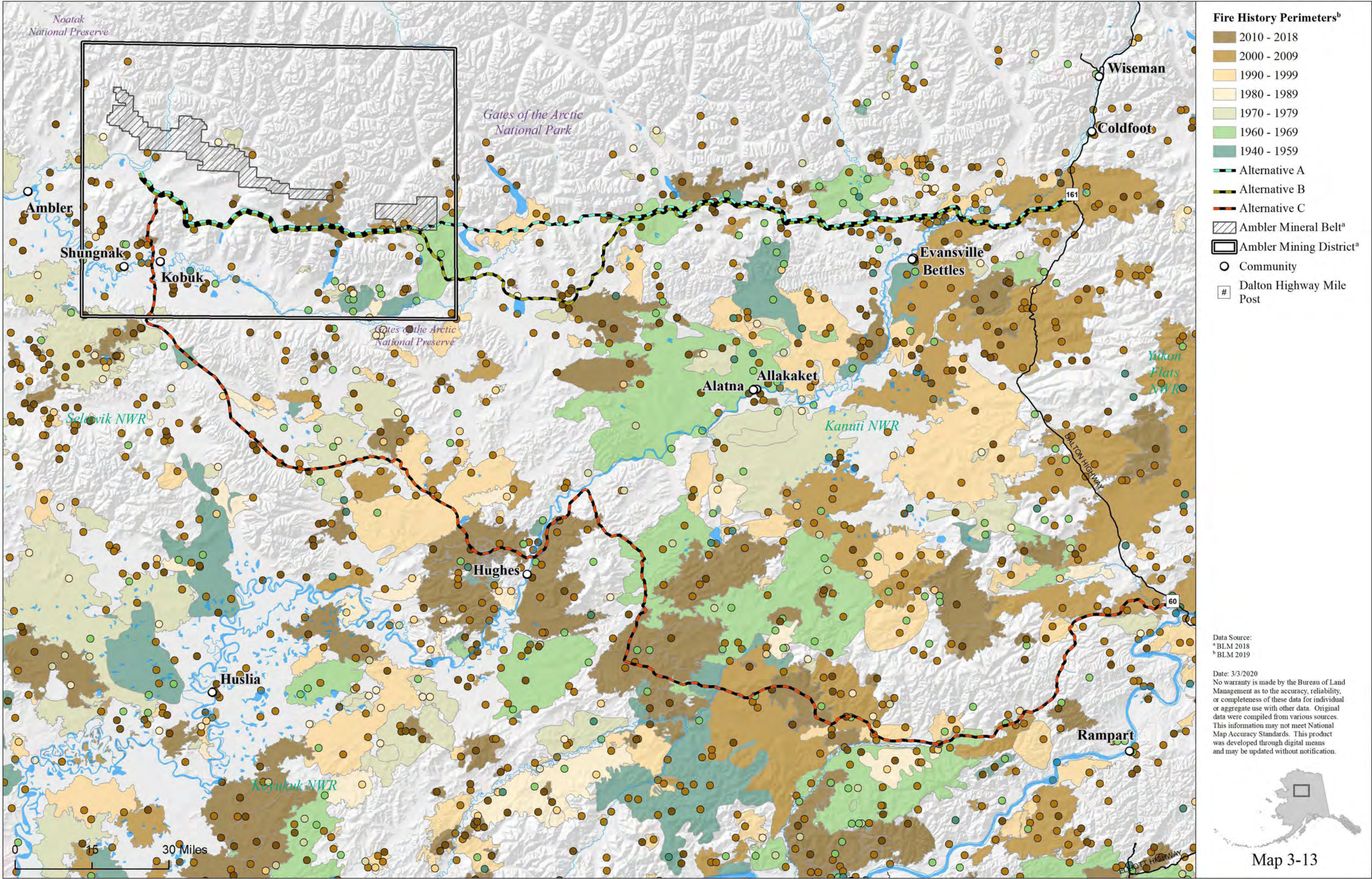


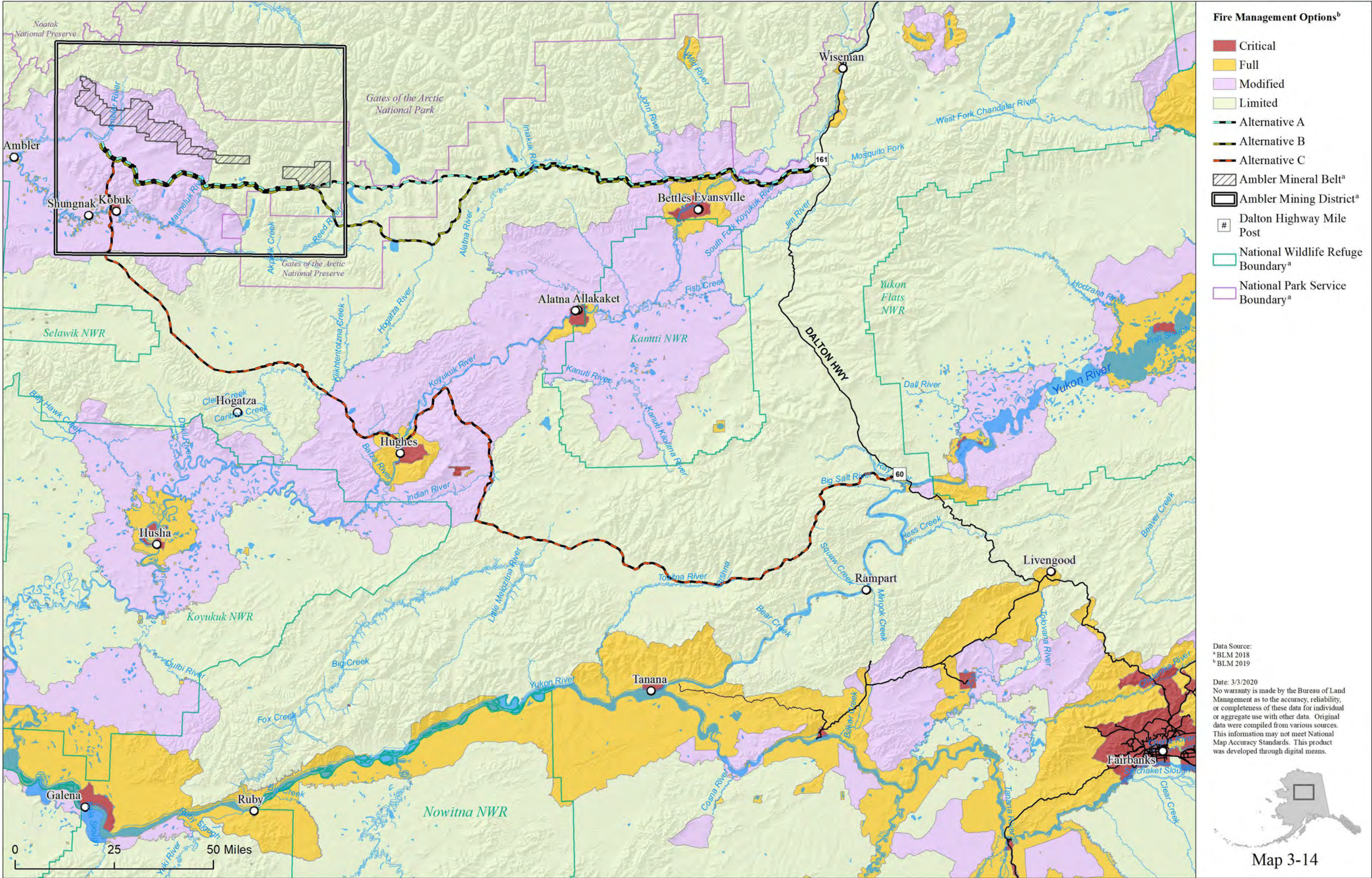


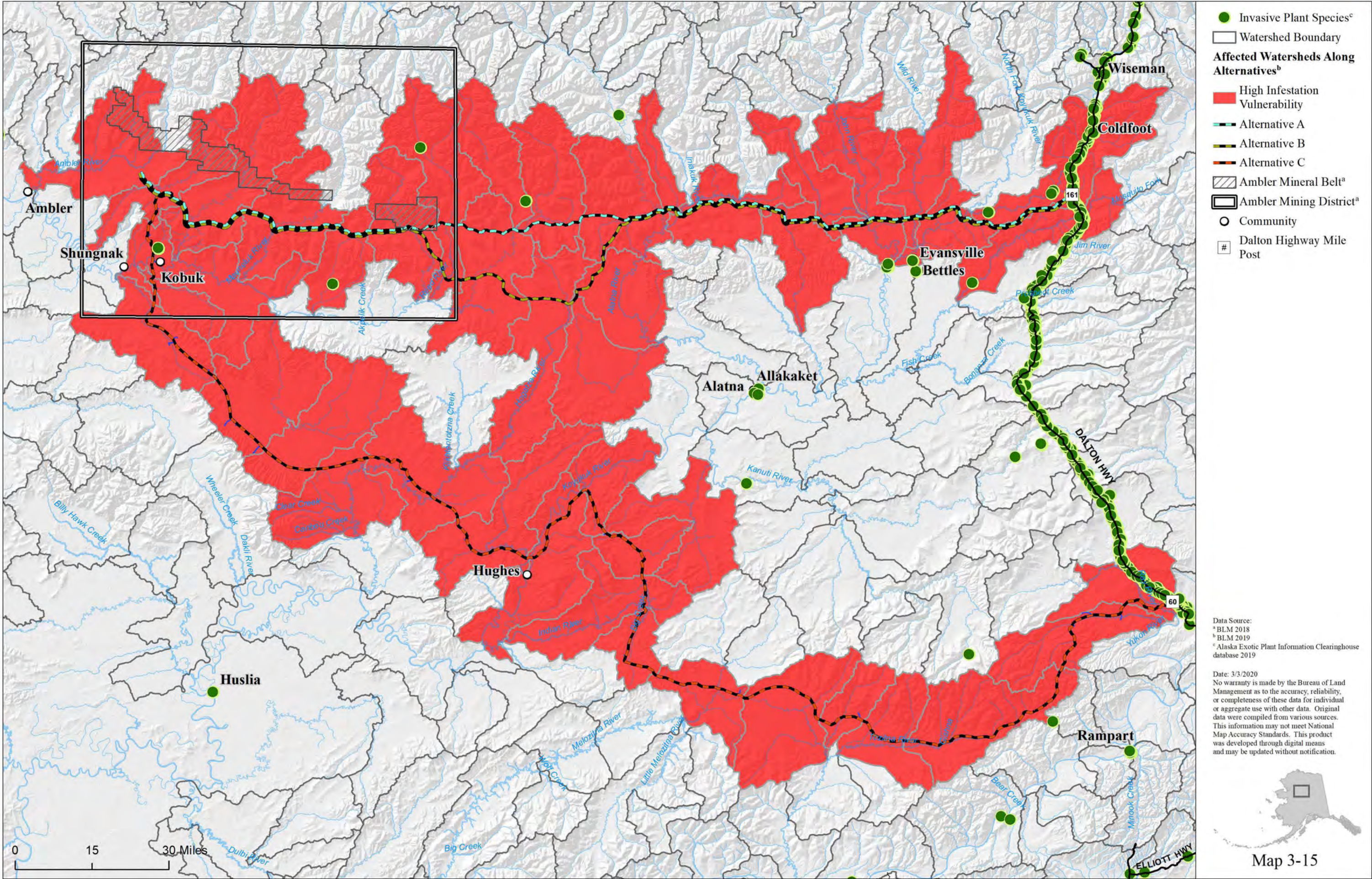


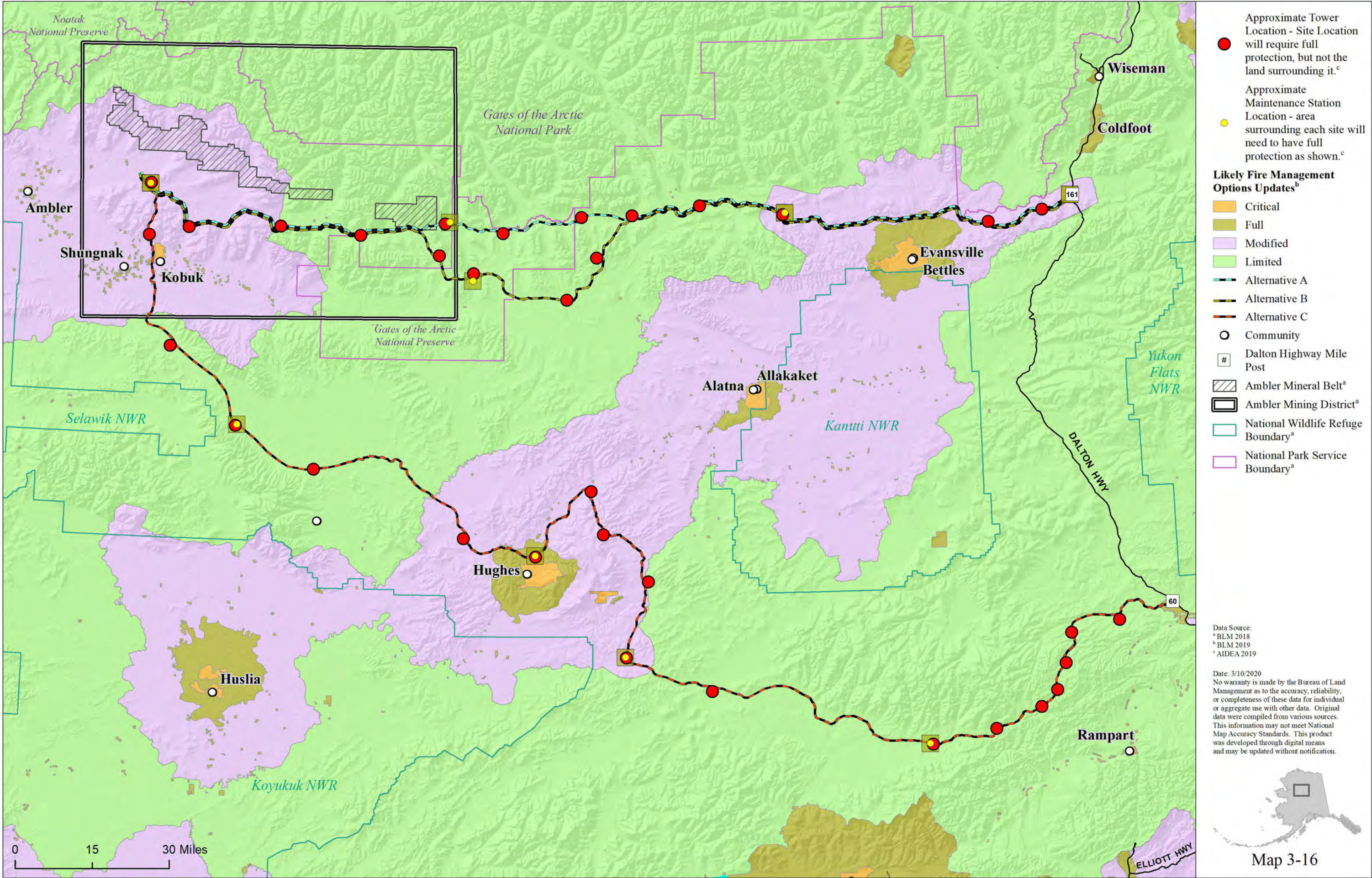


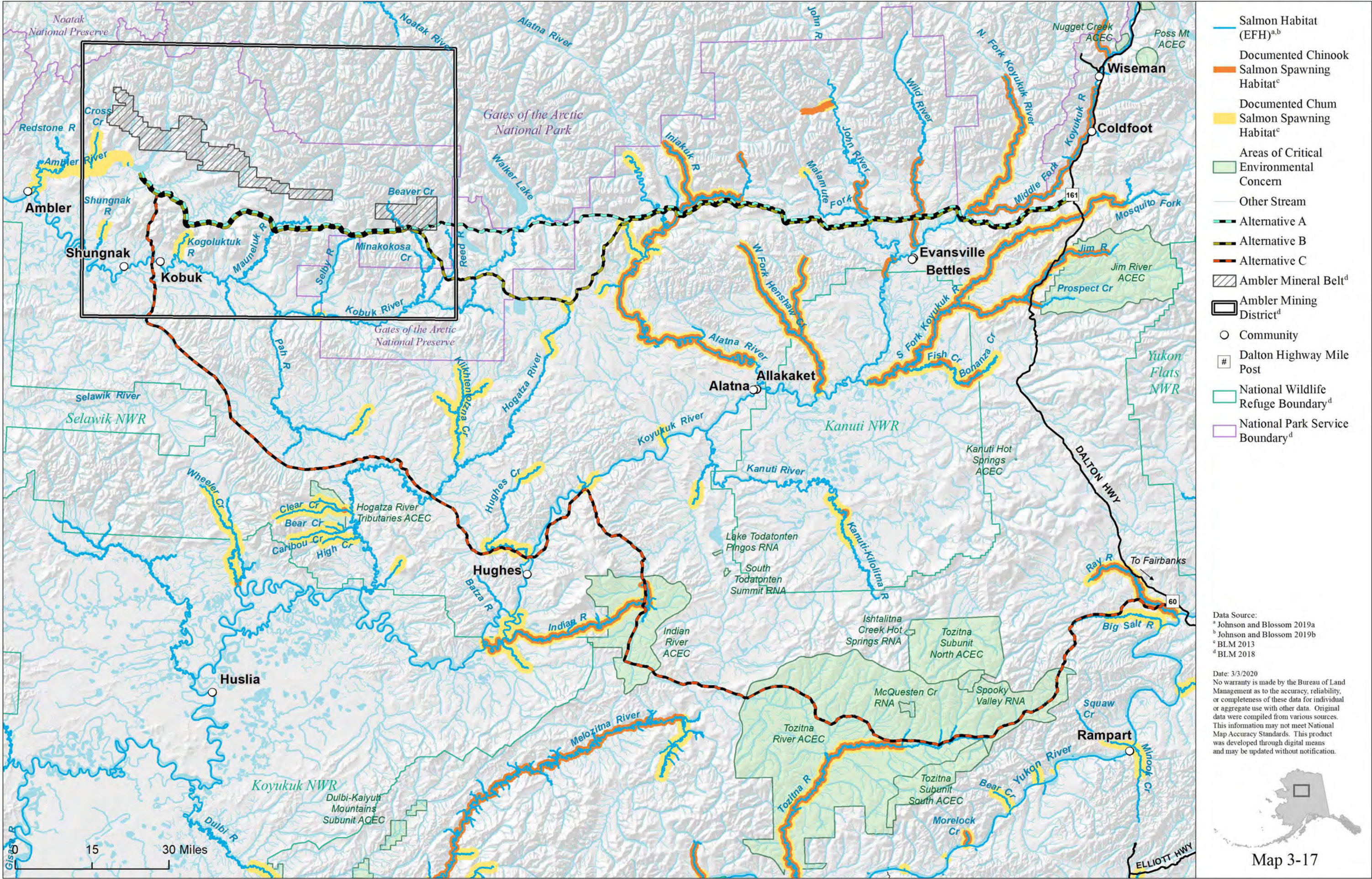


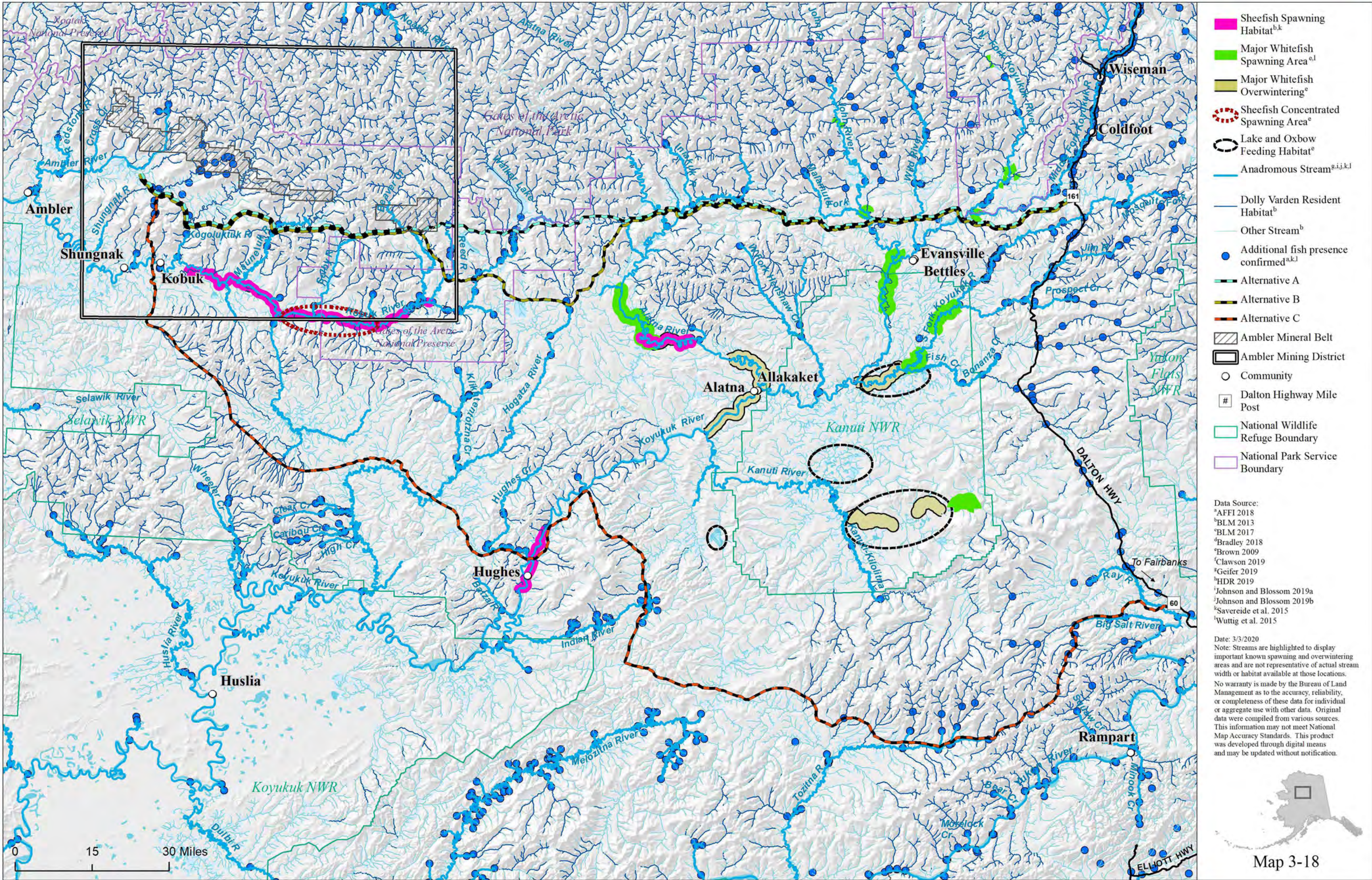


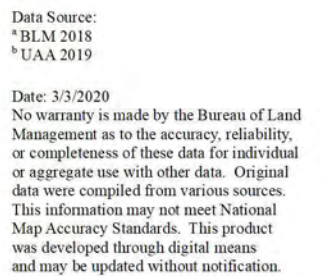








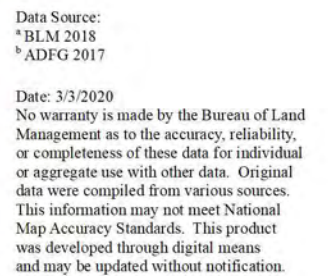


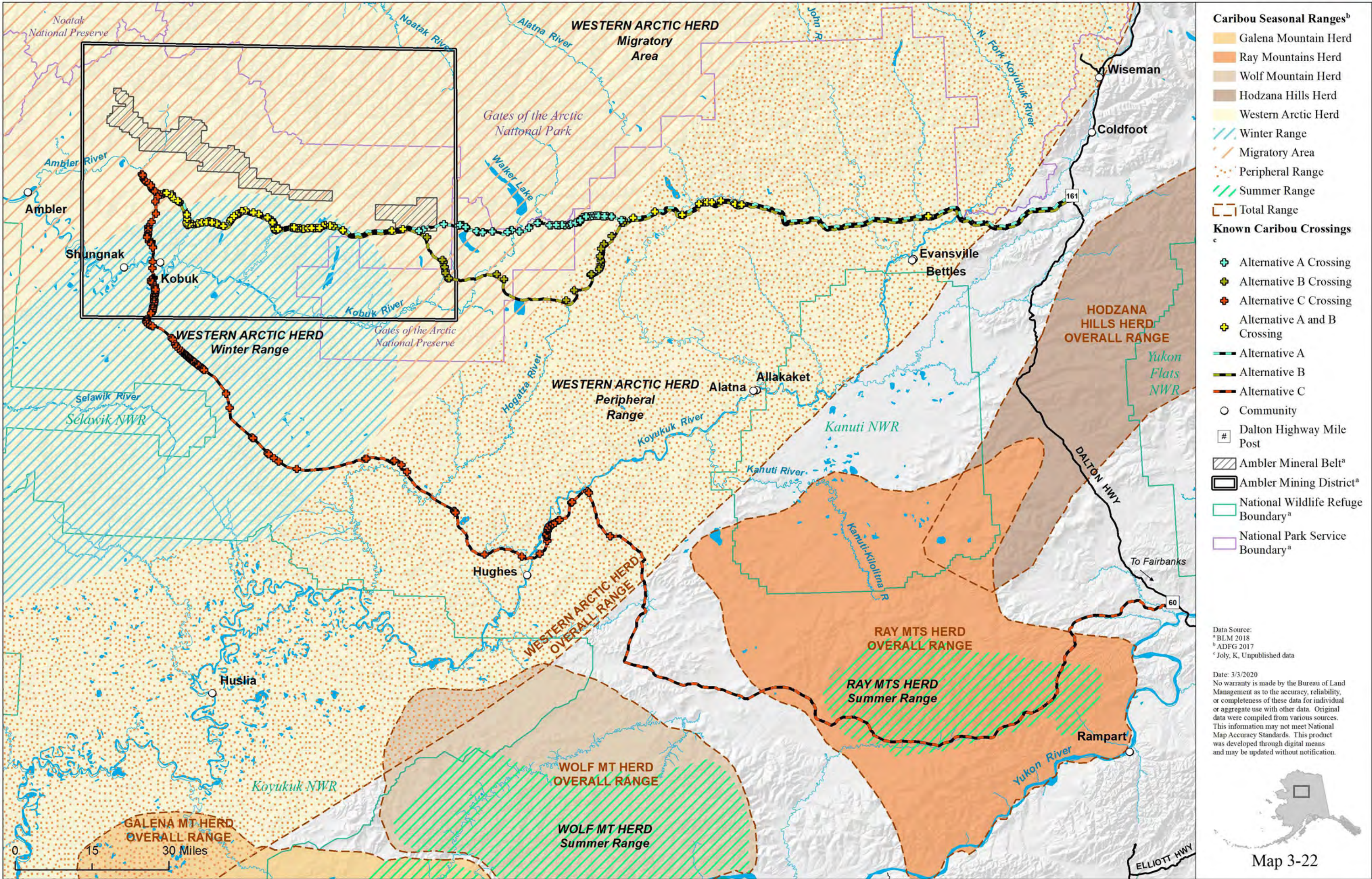


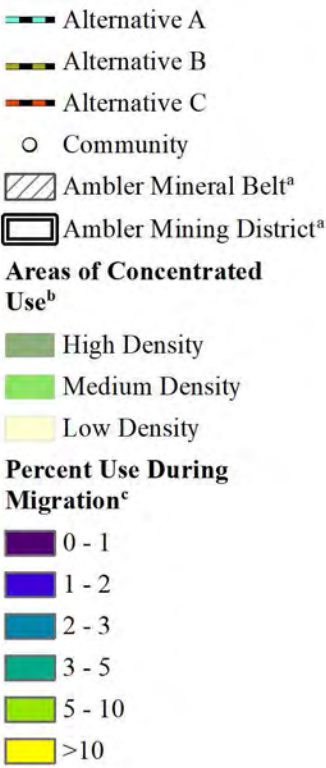
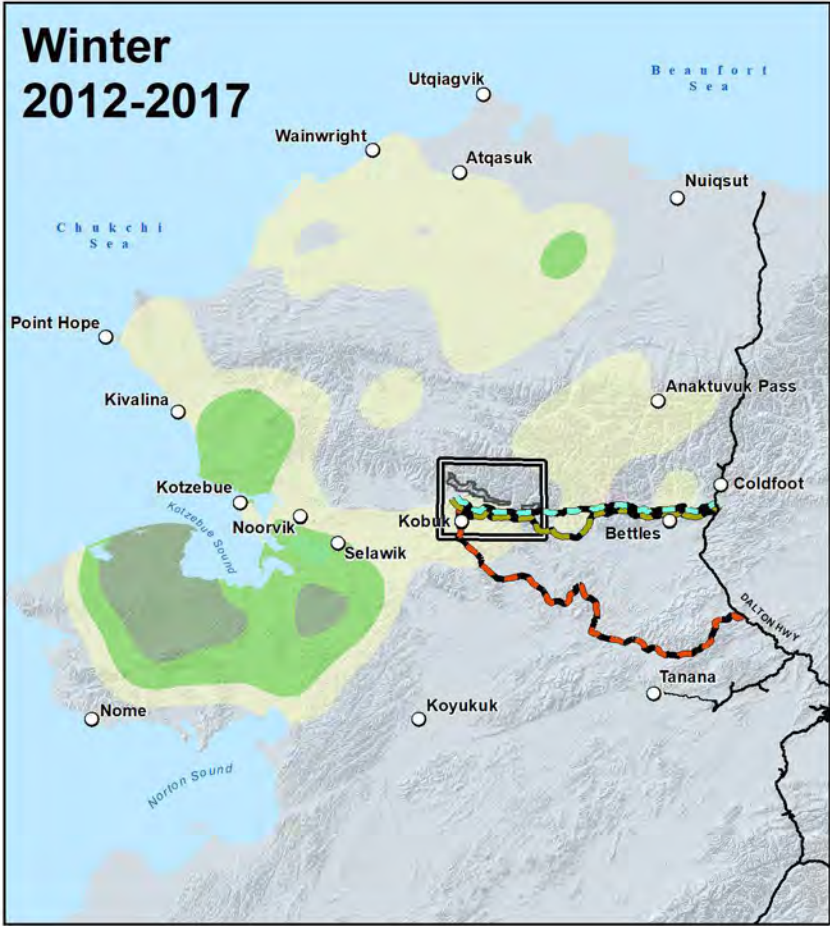
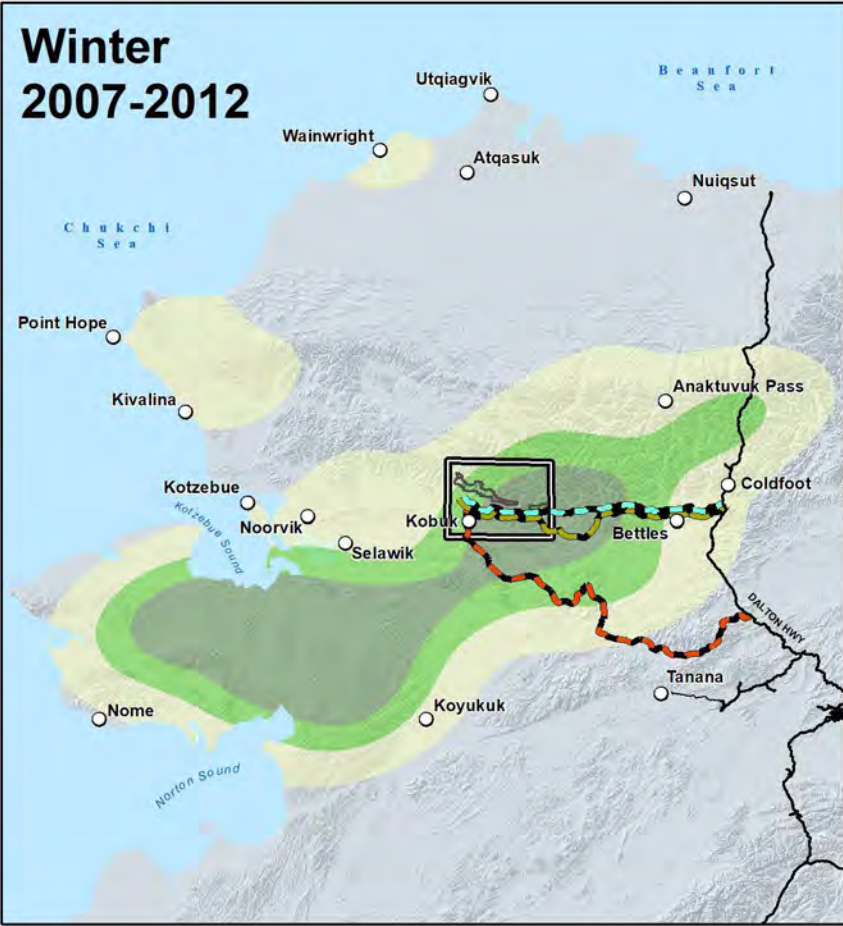
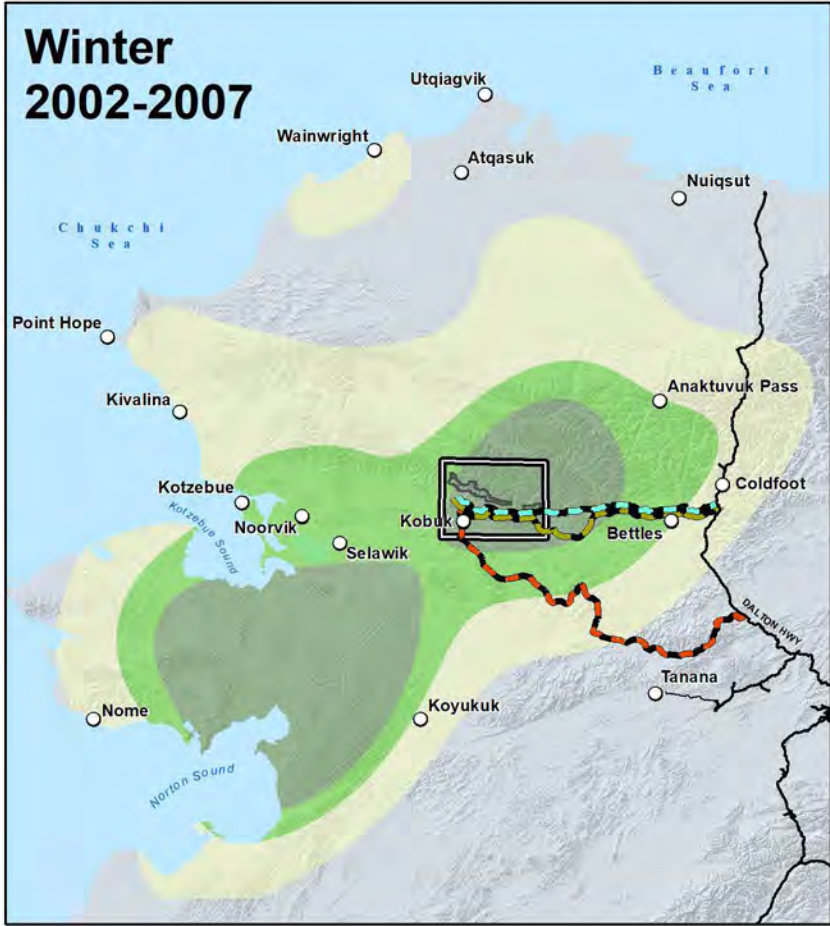
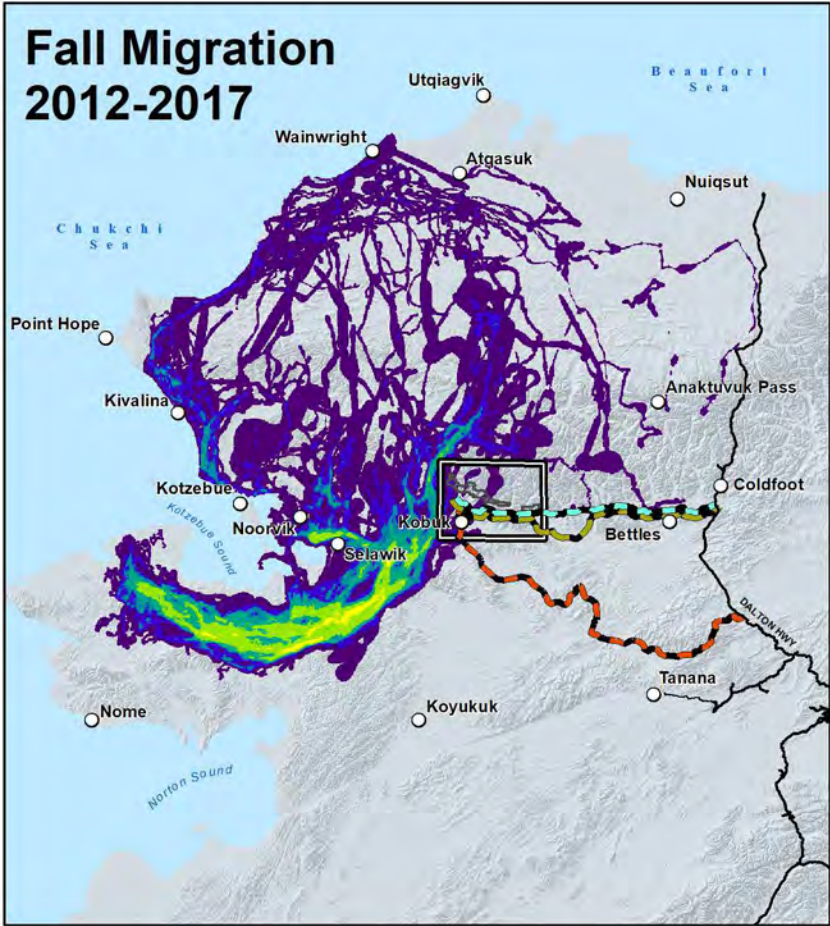
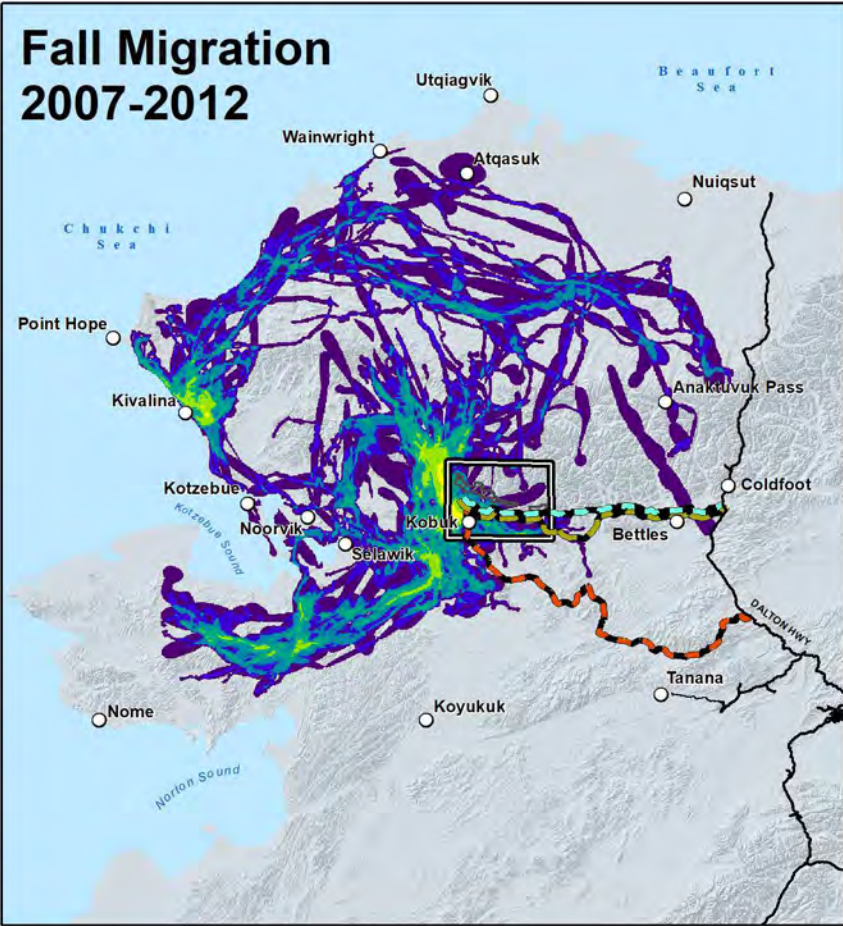
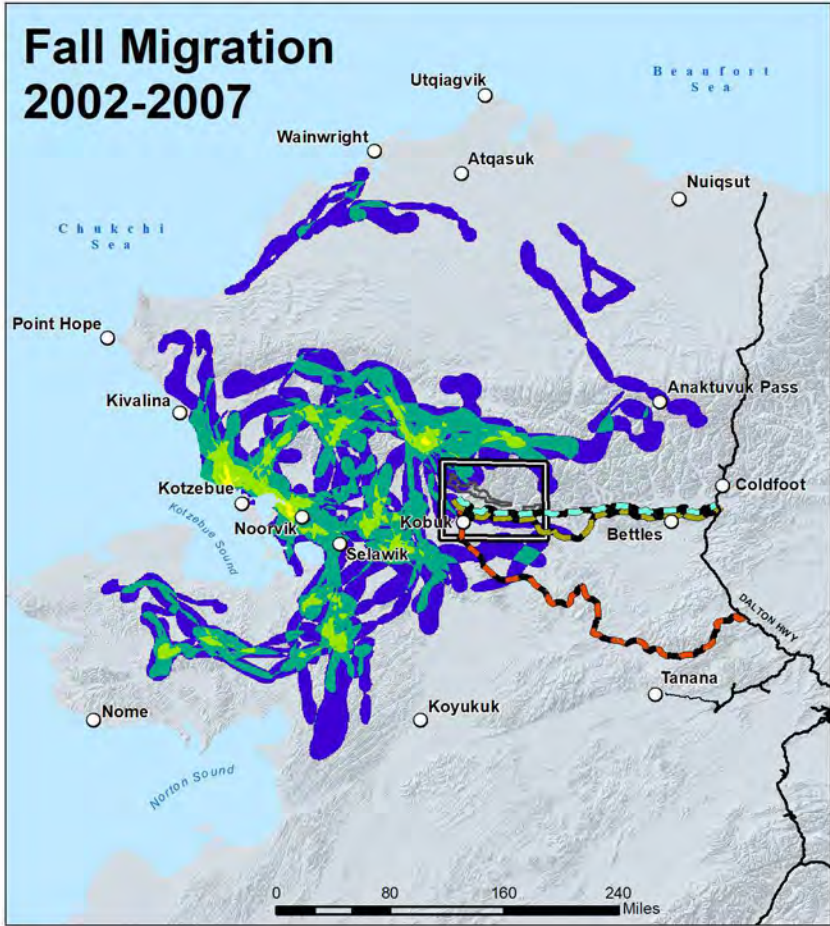
Map 3-19



Map 3-20







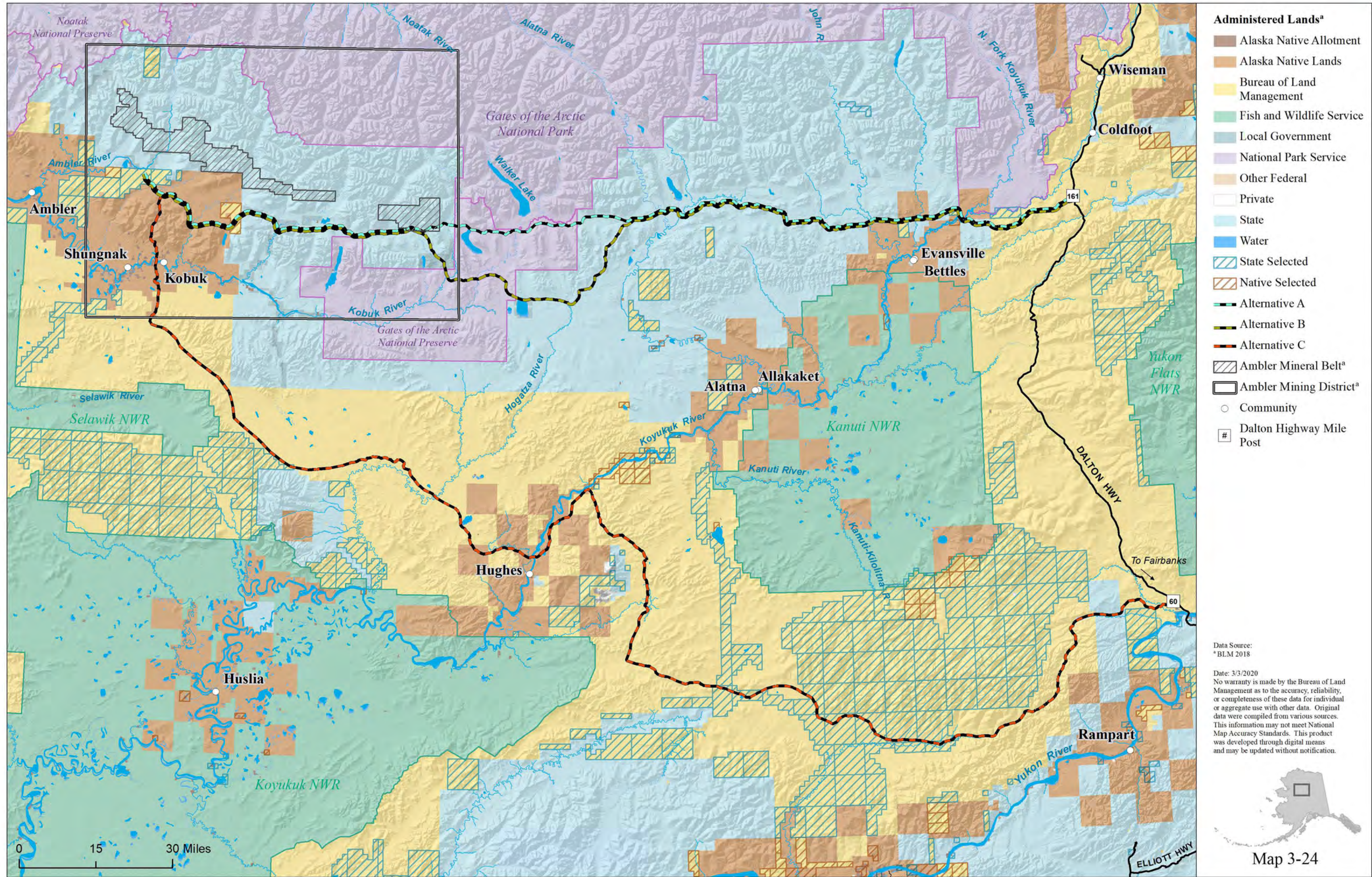
SOURCES:
^aBLM 2018

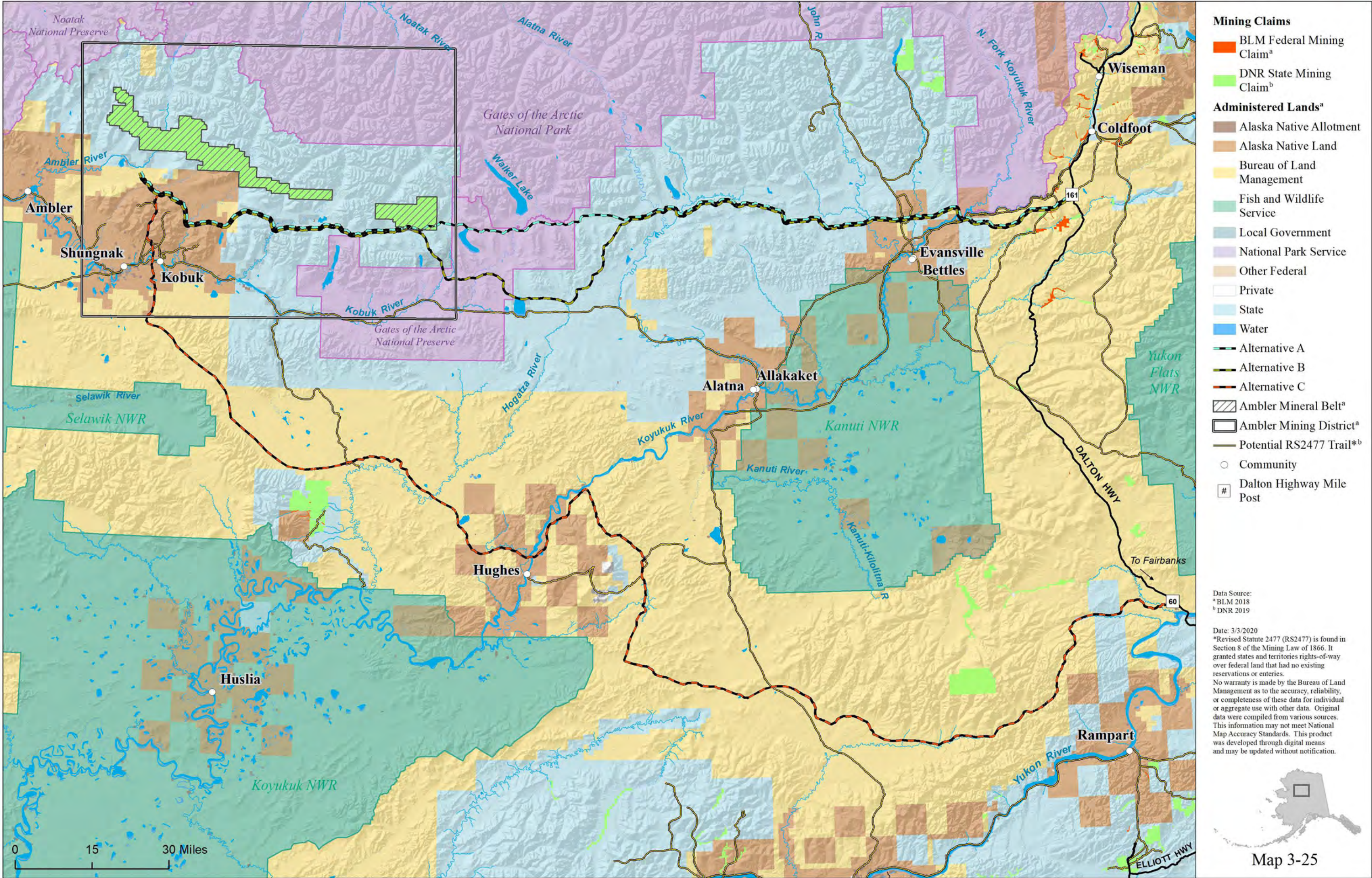
^bUtilization distribution contours from fixed-kernel analysis of locations of radio-collared female caribou - telemetry database from ADFG and National Park Service. Contours enclose stated percentages of all collar locations. High-, medium-, and low-density areas are the 50%, 75%, and 95% utilization distribution contours, respectively. Bandwidth calculated with plugin method. Seasonal kernels are average of daily utilization distributions during the season.

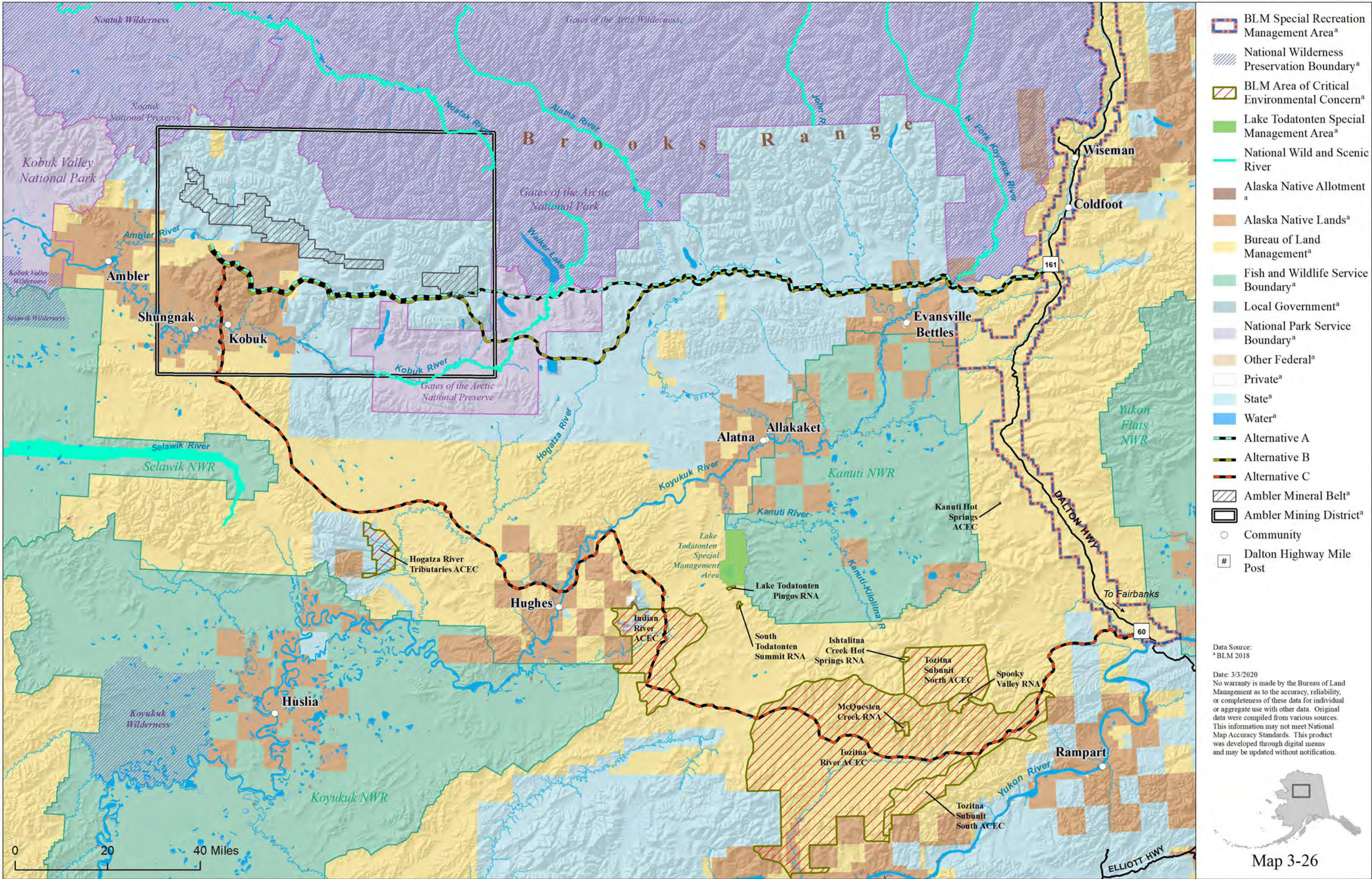
^cMigration percentages calculated from the 95% utilization distribution of dynamic Brownian Bridge movement models for each individual.

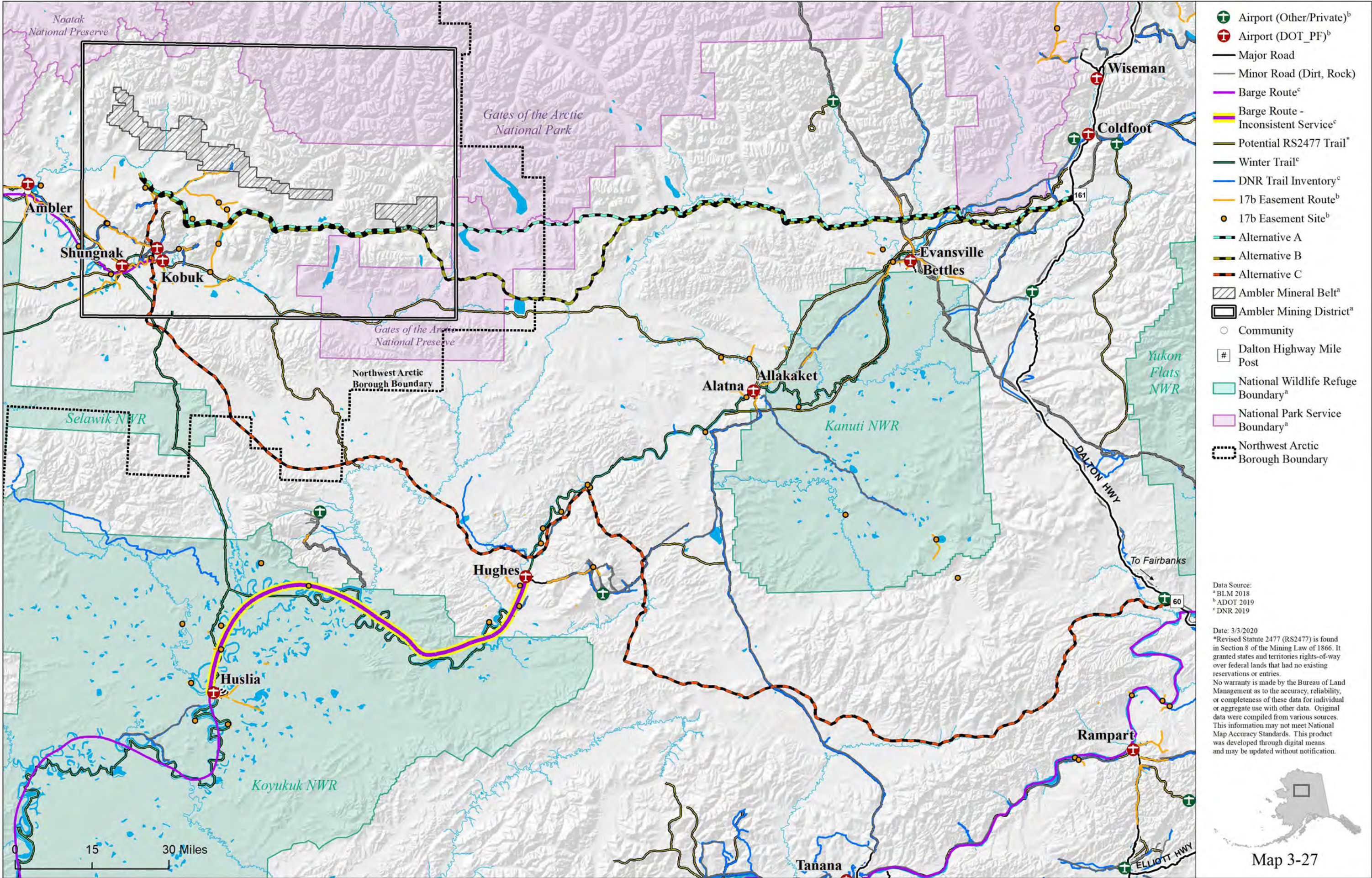
Date: 3/3/2020
No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

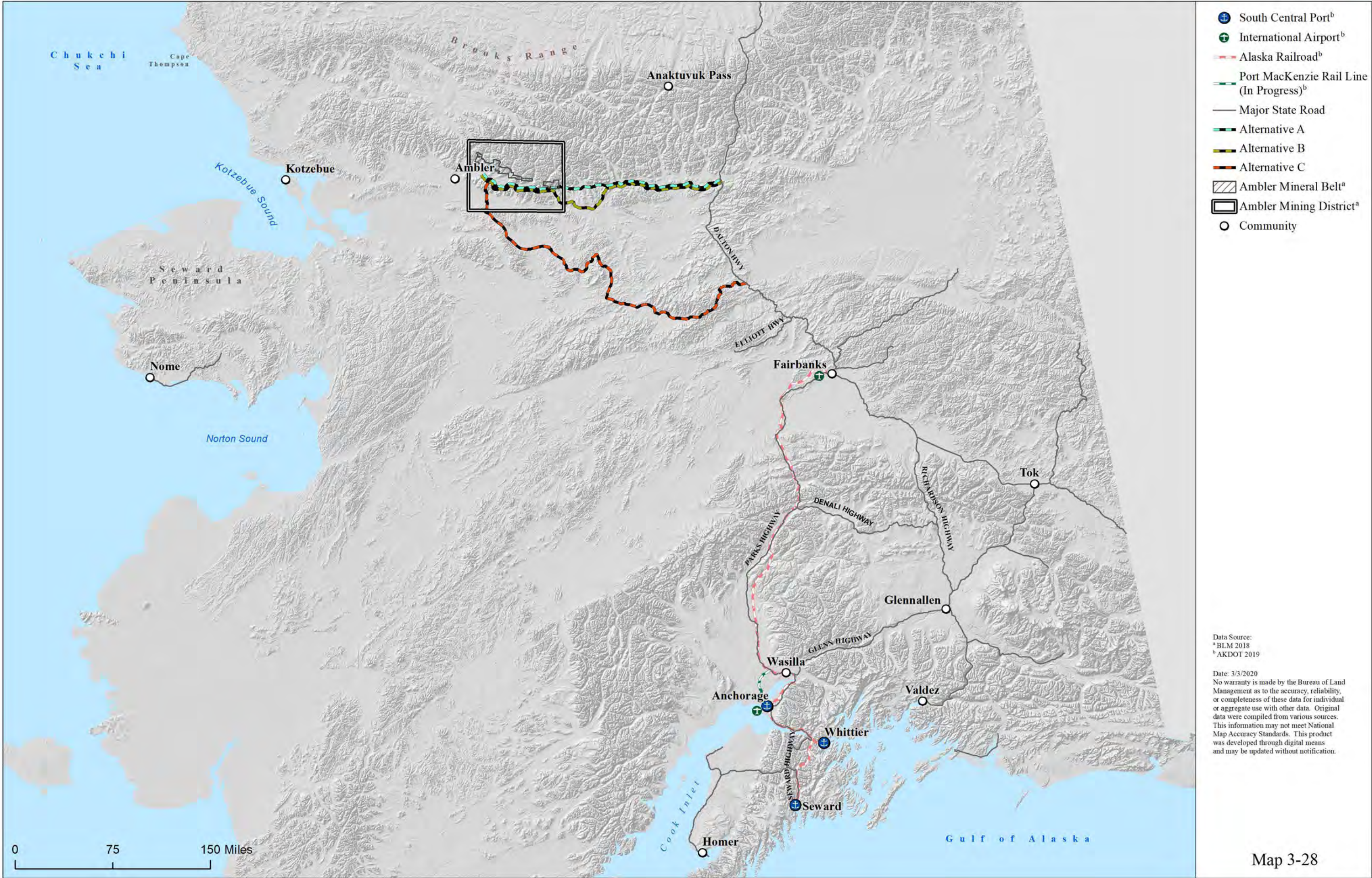


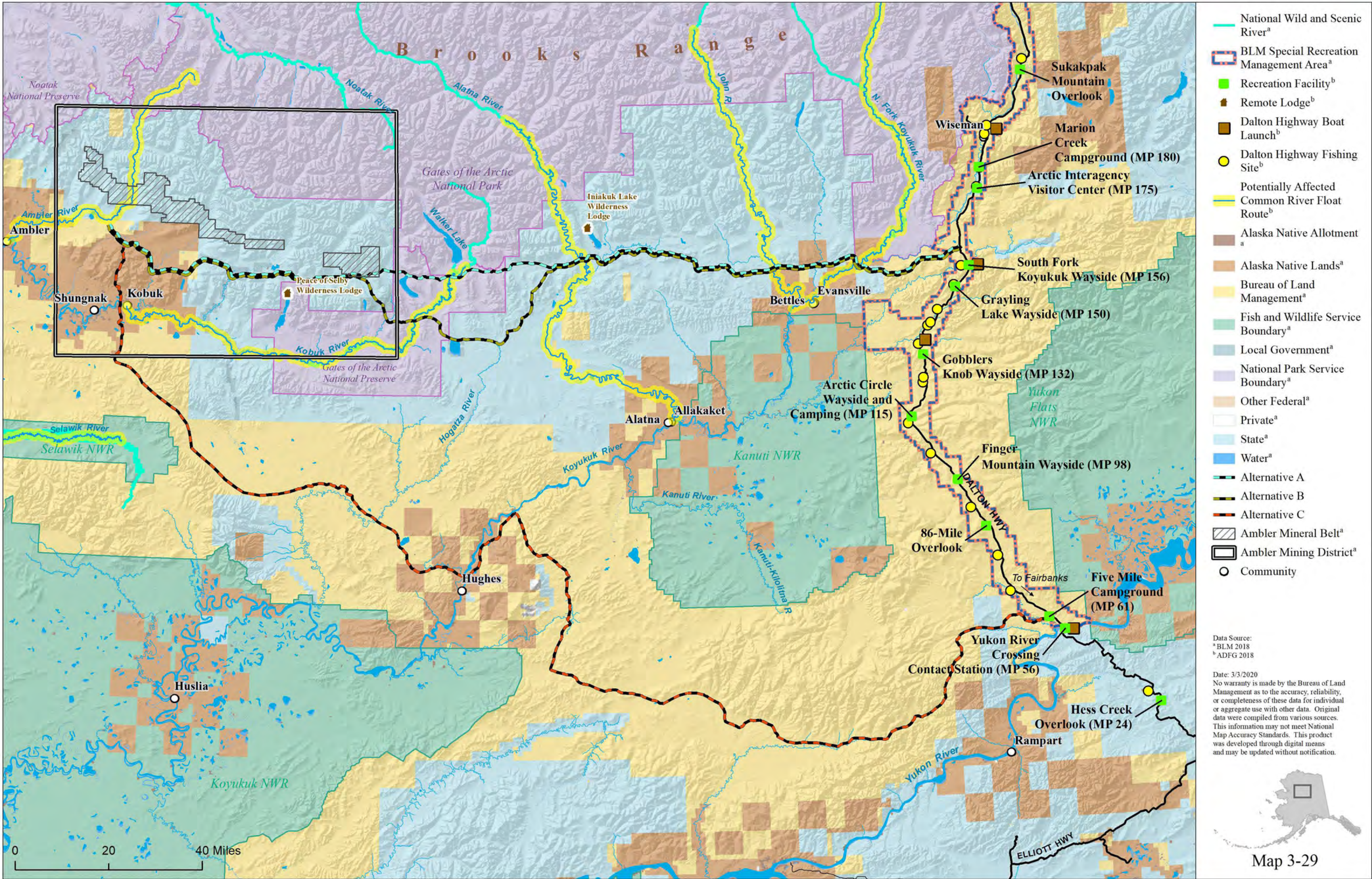


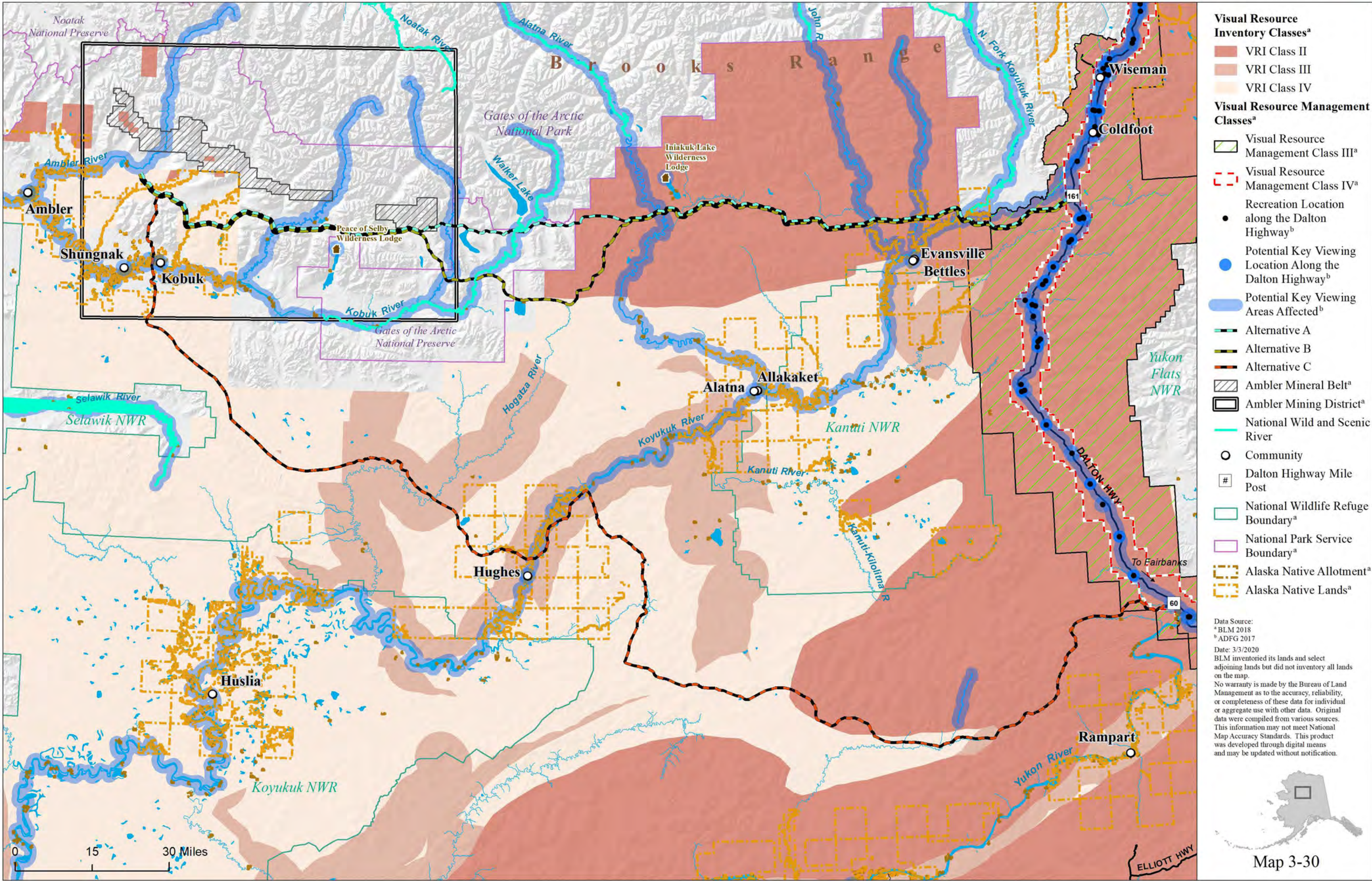


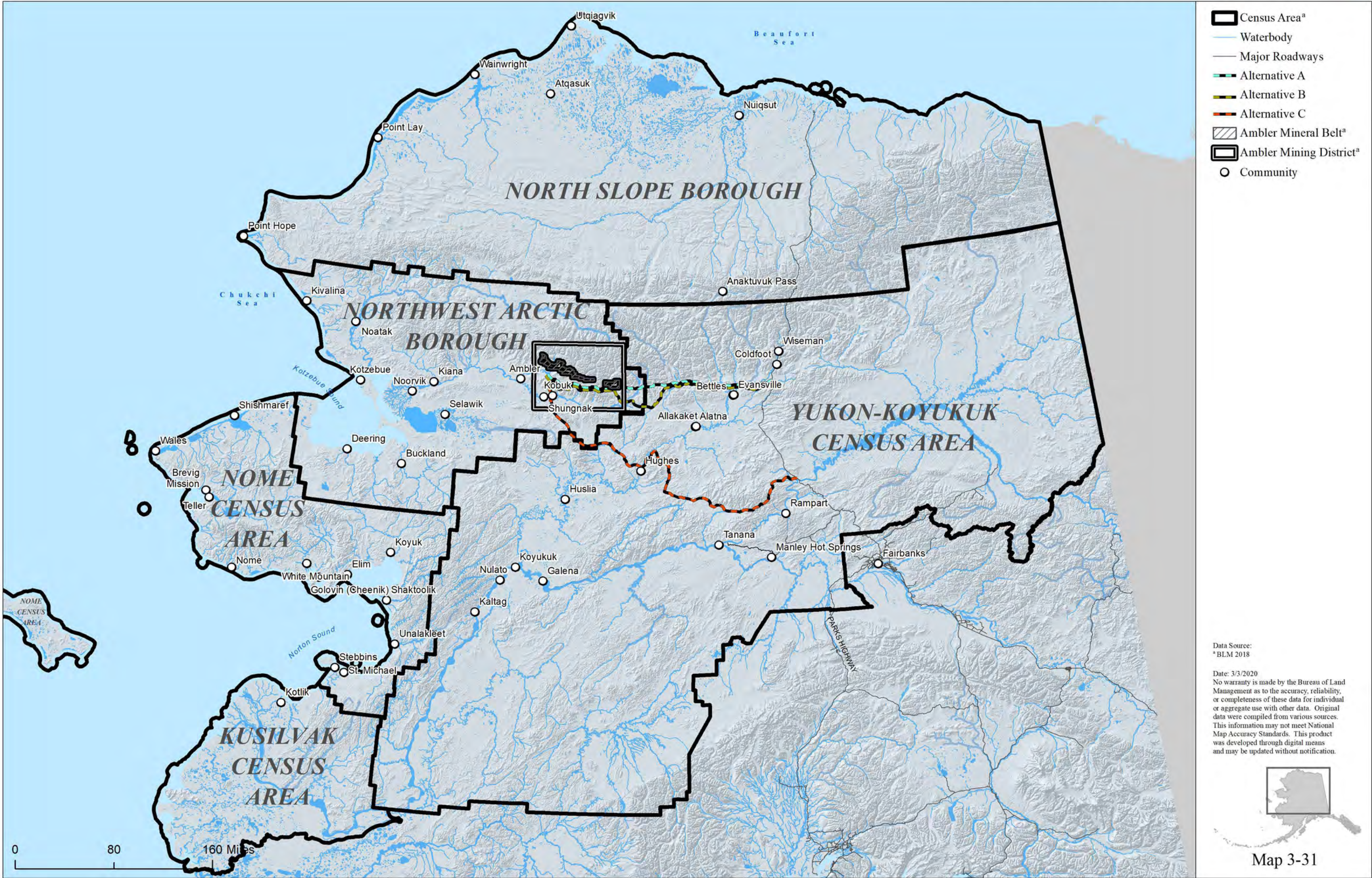












Map 3-31

