Access & Infrastructure for Alaska's Resources

Alaska Miners Association | 2020
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Alaska Industrial Development and Export Authority

AIDEA
Alaska Industrial Development and Export Authority

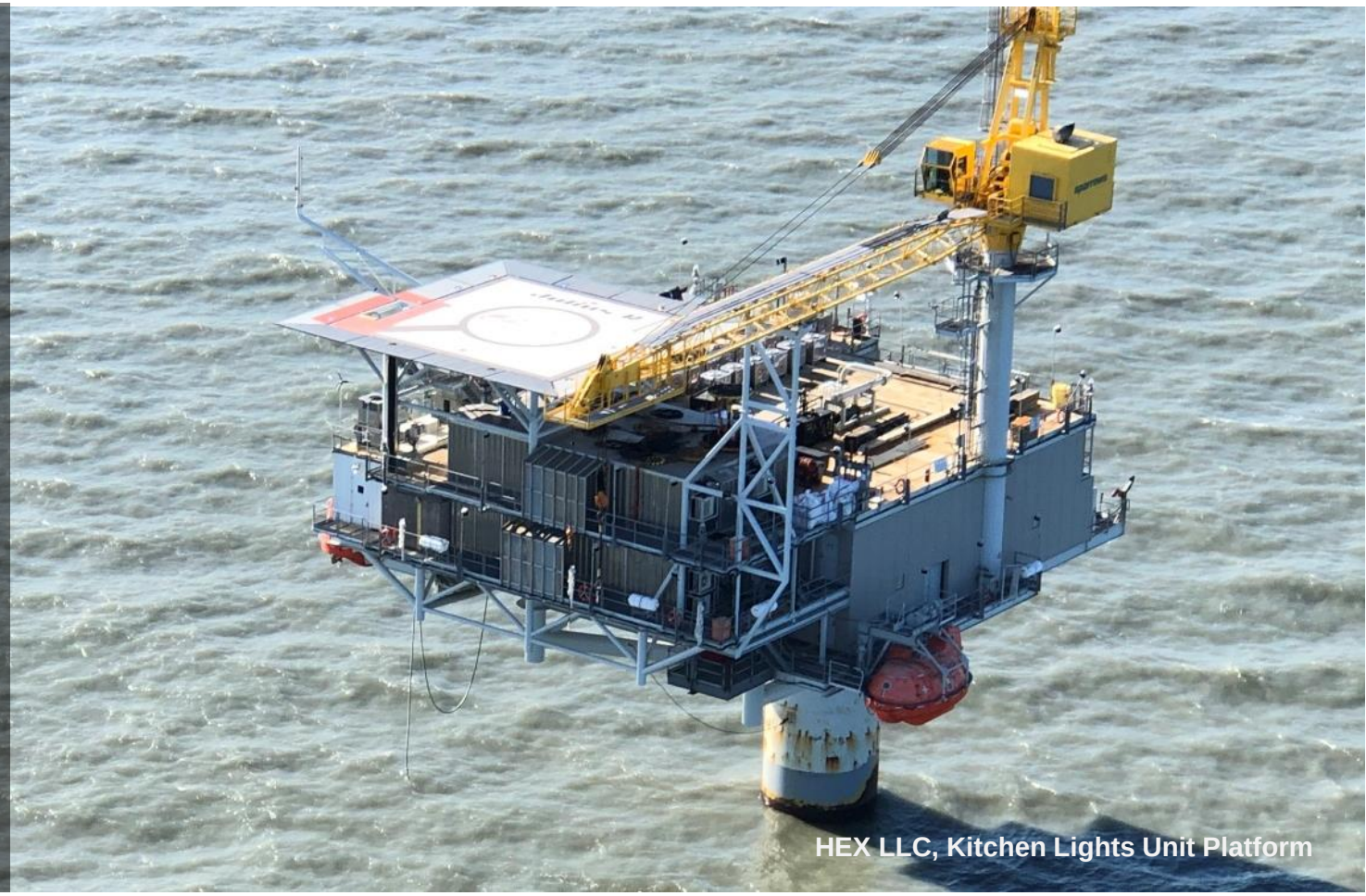
ABOUT AIDEA
OUR MISSION AND OVERVIEW

Skagway Ore Terminal

Our Mission

Alaska Industrial Development and Export Authority (AIDEA)

Our mission is to promote, develop, and advance economic growth and diversification in Alaska by providing various means of financing and investment.



HEX LLC, Kitchen Lights Unit Platform

Brief Overview

To advance economic growth and diversification in Alaska by providing various means of financing and investment

- Investing in Alaskans since 1967
- State of Alaska's Development Finance Authority
- Financially Self-Sustaining Public Corporation
- $422.4 Million in Dividends to Alaska since 1997
- Directed over $3 billion in funding into Alaska economic development

Our Programs

Loan Participation – The Loan Participation program provides long-term fixed rate financing, to Alaska's commercial businesses, through a qualified Alaska financial institution, principally in support of construction and economic growth in Alaska's commercial real estate sector.

Conduit Revenue Bonds – AIDEA is one of the State's principal issuers of taxable and tax exempt Conduit Revenue Bonds principally supporting Alaska's healthcare sector development and Alaska Native or rural community access to healthcare.

Project Finance – AIDEA can assist Alaskans through its ability to develop, own (in whole or in part) and finance installations and facilities within the state, especially those which advance economic development within a community, borough, or region of the State.

Infrastructure Development – Primarily focused on the responsible development of long-term infrastructure needed for the growth and diversification of the Alaskan economy, including public-private partnerships.

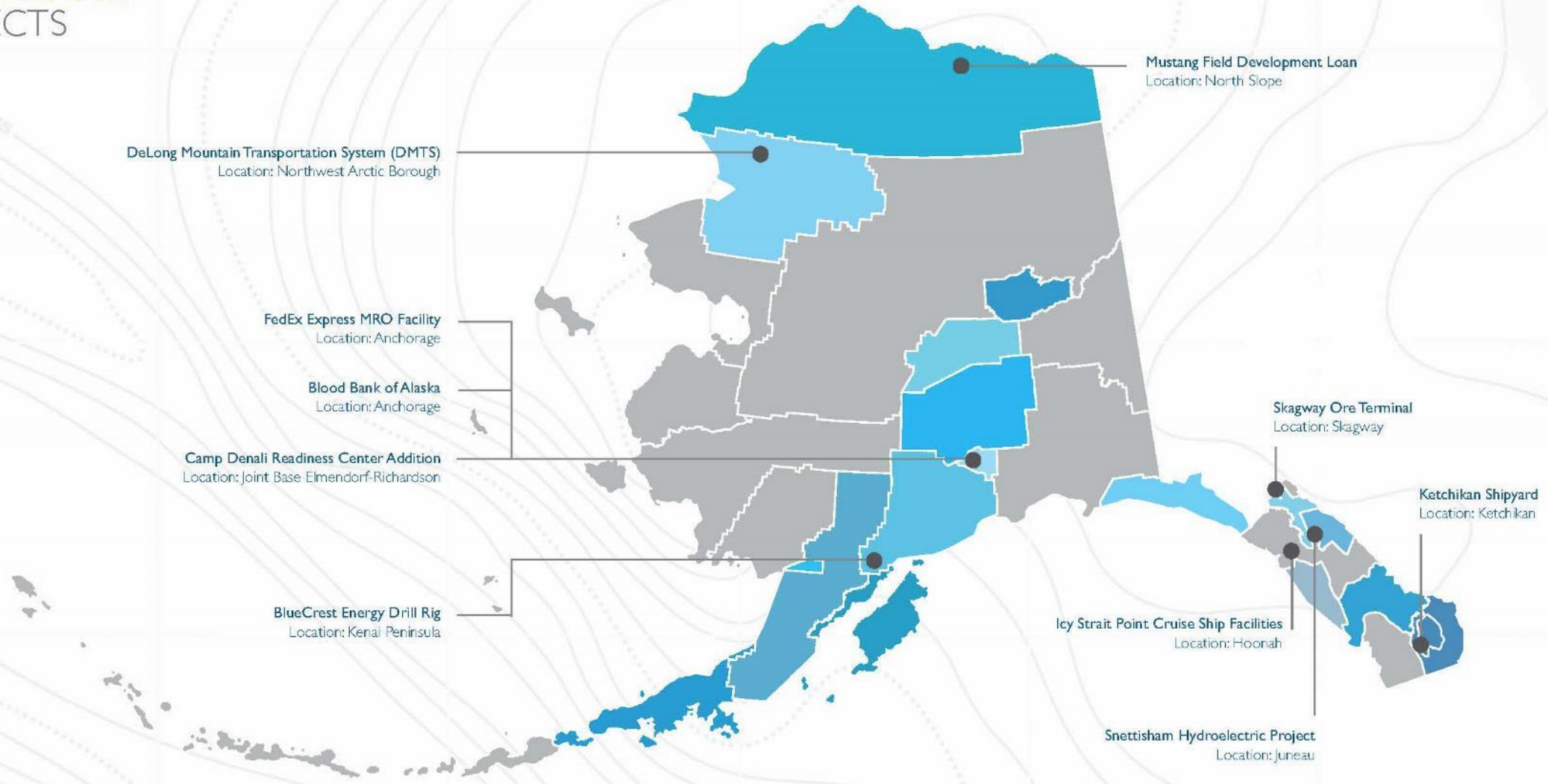
Energy Planning – The Alaska Sustainable Strategy for Energy Transmission and Supply Act of 2012 created new programs and powers within AIDEA, to addresses the state's energy needs by offering energy development financing options, including loans and guarantees.

Small Business Loans – AIDEA's two direct loan programs offer long-term financing for start-up and expanding small businesses. The loan programs, managed through DCCED, are focused on creating new jobs and/or retaining existing jobs in Alaska's communities.

Investment in Alaskans
AIDEA Projects and Programs

Delong Mountain Transport / Red Dog

ASSETS AND PROJECTS



BLUE SHADED: Incorporated Boroughs
GREY SHADED: Unincorporated Boroughs

Project Assets

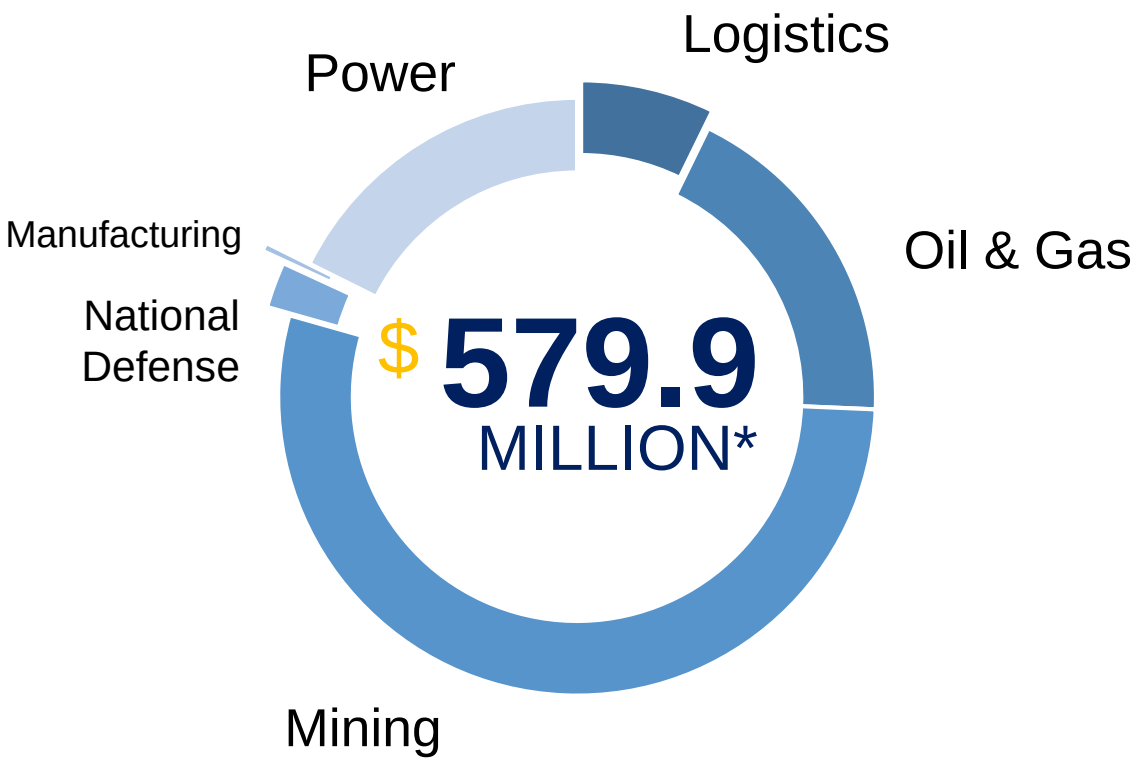
Facilitate Investment in Alaska's Industrial Sectors

Partnership with Public & Private Capital

Patient, Long-Term Capital

Direct Investment as Owner/Partner/Lender

Feasible Economic Structures, No Subsidies



** As of FYE 2019, includes only AIDEA funds and AIDEA proceeds from bonds issued.*

Skagway Ore Terminal

Skagway is the closest ice-free, deep water port to most of the Yukon Territory

- maximum operational capacity of 1,500,000 tons per year
- HB119 authorizes AIDEA to issue bonds up to $65M for the expansion, modification, improvement and upgrading of the terminal

DMTS - RedDog

Completed in 1990 to support Teck's Red Dog mine development

- 52-mile double-lane gravel road, concentrate storage, a dock facility, bulk fuel storage and a mancamp to support continuous concentrate storage and port.
- Access for roughly 4-6% of the world's total annual zinc production

Investment in Alaskans
Responsible Resource Development

Delong Mountain Transport / Red Dog

Resource Access

Responsible Resource Development to Diversify Alaska's Economy

Ambler Access Project:

- Joint ROD achieved in July 2021
- $35M for AIDEA's Arctic Infrastructure Development Fund.
- creation of an annual average of 766 jobs (direct, indirect, and induced) during road construction and up to 141 full-time jobs annually over the life of the road

West Susitna Access:

- MOU with MSB, Alaska Operations LLC, Private Resource Owners
- Mining, Oil/Gas, Forest/Timber, Agricultural, Recreation, Alternative Energy

Ambler Access

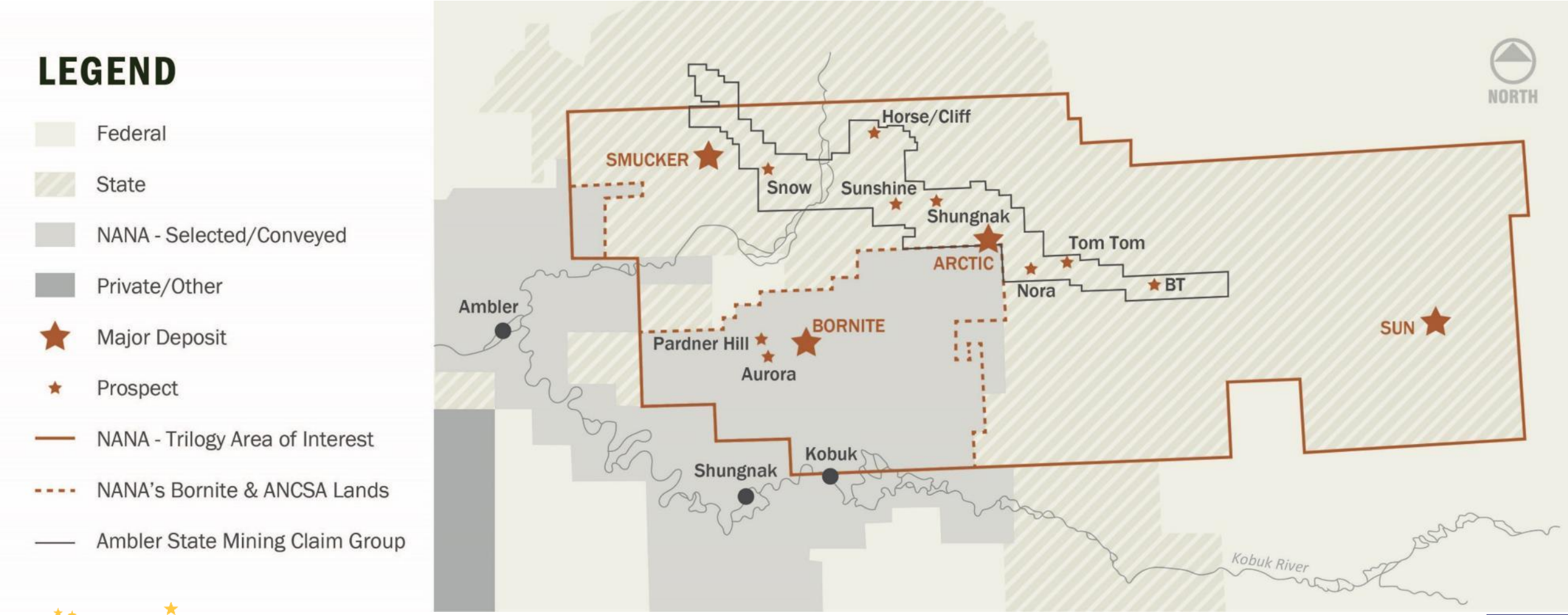
Responsible Resource Development to Diversify Alaska's Economy

Key Elements/Issues in Pre-Development

- **200+ mile restricted access road in remote Alaska**
- **Design challenges**
  - 29 bridge crossings
  - Predominant permafrost across corridor
  - Materials site with 12 million cubic yards of fill
  - At least 40 fish passage sites
  - Caribou and Moose subsistence
  - Naturally occurring asbestos and acid rock drainage concerns
- **ANILCA and NEPA requirements**
- **26 permits and authorizations**
- **Federal laws: CWA, NHPA, MSFCMA, ESA, MBTA, BGEPA, WSRA, RHA**
- **Five landowners**
- **Multiple mines in exploration**
- **Coordinating with stakeholders (many hundreds of miles apart from each other)**

Ambler Access

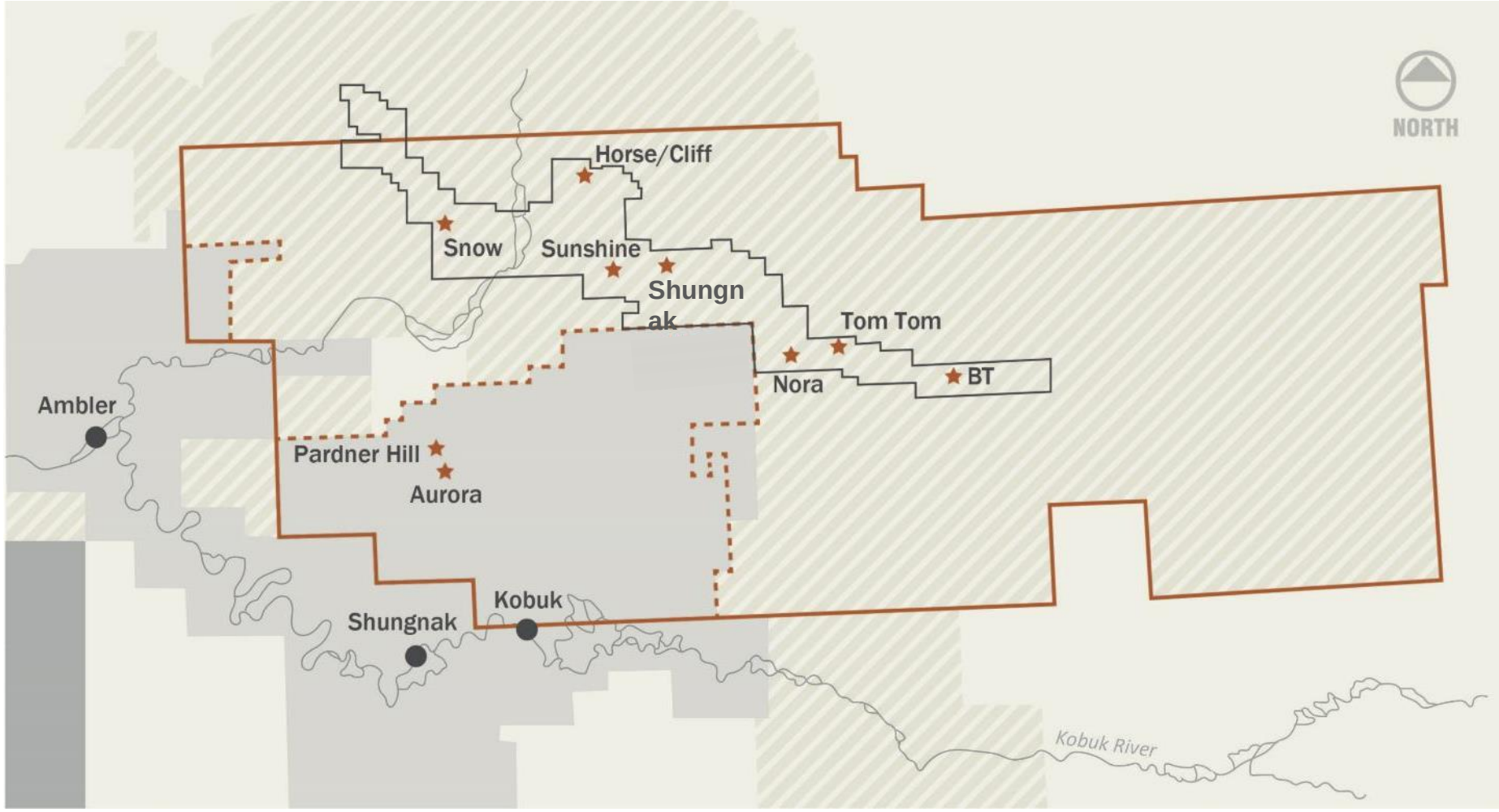
Ambler Mining District



Ambler Access

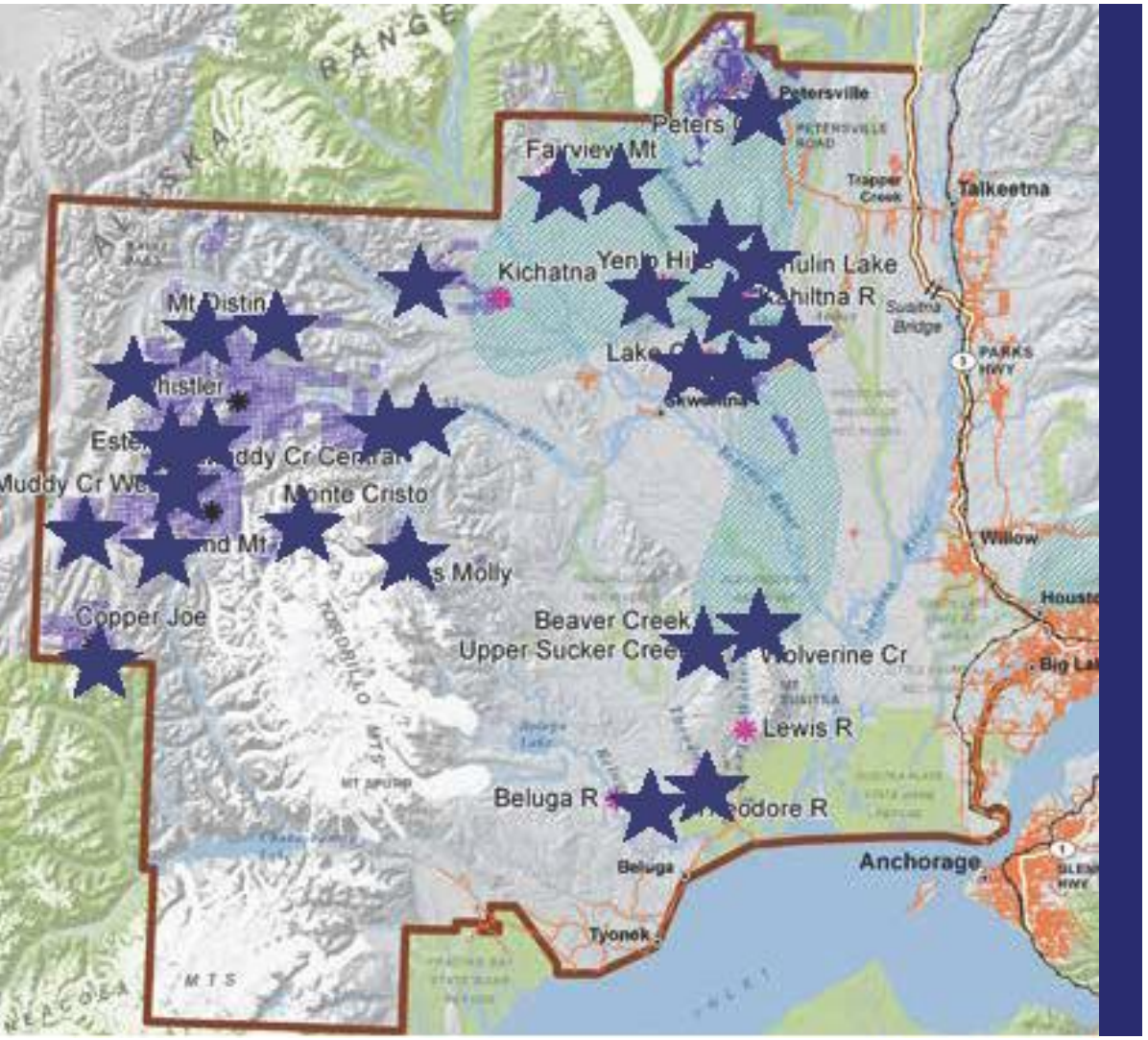
Untapped, Rich Region

- Shungnak
  - 1 MmT@4.32% CuEq
- Sunshine
  - 20 MmT@2.69% CuEq
- Horse Creek
  - 10 MmT@3.04% CuEq
- BT
  - 4 MmT@3.33% CuEq
- Pardner Hill
  - 1 MmT@2.00% CuEq
- Snow, Tom Tom, Aurora, Nora
  - TBD



Ambler Access

West Susitna



Initiated in 2014 with DOTP&F's Roads to Resources Study

- Partnership with the Mat-Su Borough and Resource Development Owners
- Pre-Development feasibility study on a ~100 mile multi-user road starting near Port Mackenzie and heading northwest to the Whistler (Yentna) Mining District

Critical Minerals

President's Executive Order:

Use all available authorities to accelerate the issuance of permits and the completion of projects in connection with expanding and protecting the domestic supply chain for minerals

"Supply Chain" includes the exploration, mining, concentration, separation, alloying, recycling, and reprocessing of minerals

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