



ALASKA MINERS
ASSOCIATION

SOUTHEAST CONFERENCE ANNUAL MEETING
SEPTEMBER 19, 2019

Deantha Crockett, Executive Director

Alaska Miners Association

- Established in 1939
- Over 1,400 members
- Eight statewide branches
- Placer mines: small; family-owned
- Large-scale mines and projects
- Sand, gravel, industrial mining
- Support contractors and businesses



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Mining Industry Update

- State of the State's mining industry
- Economic Benefits to state, Southeast Alaska
- Hot topics:
 - Mined products in our lives/pursuit of renewables
 - AIDEA investment in mining infrastructure
 - Social impacts from mining
 - Environmental protection





Mining Activity in Alaska



Benefits to Alaska: jobs

- **4,500 direct jobs** (*800 Southeast*)
- **9,200 total direct and indirect jobs** (*1600 Southeast*)
- **Residents of 60+ communities** (*16 Southeast*)
- **\$715 million total payroll** (*\$121 million Southeast*)
- **Average annual wage of \$102,000** (*\$111,000 Southeast*)
- **\$580 million in contracts for 600+ Alaska businesses** (*\$113 million with 80+ Southeast businesses*)



Benefits to Alaska Native Corporations

- 7(i) and 7(j) royalty sharing:
 - \$1.9 billion to NANA (1982-2018), of which \$1.2 billion shared
- Jobs for shareholders:
 - Red Dog 55% Alaska Native hire
 - Upper Kobuk Minerals Projects 58% Alaska Native hire
- Business partnerships

Local and State Government Revenue

2018

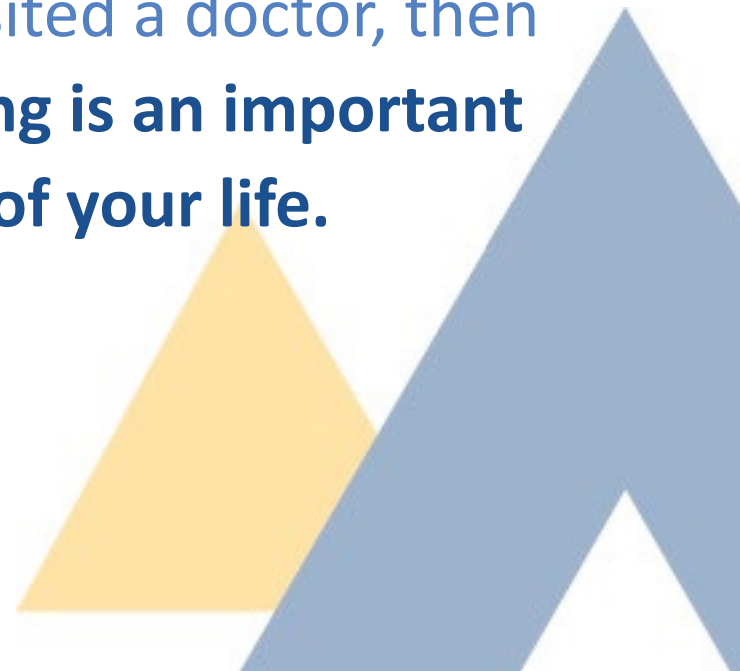
- \$34.2 million to local governments (largest taxpayers in Juneau, Fairbanks and Northwest Arctic)
- Southeast local government revenue: \$3.8 million
- \$149 million to state government in taxes, royalties, rents, fees, and other government-related revenue





If you have turned on a light, entered a building, driven on a road, made a phone call, used a computer, or visited a doctor, then **mining is an important part of your life.**

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Renewable Energy = more mining



Murkowski: To Lead In Clean Energy, We Must Lead In Minerals

Manchin: Clean Energy Solutions Require Minerals

Conservationists and hunters denounce state-financed mining road across northern Alaska wilderness

Author: Alex DeMarban Updated: 6 days ago Published September 11



MINERAL-RICH AREA

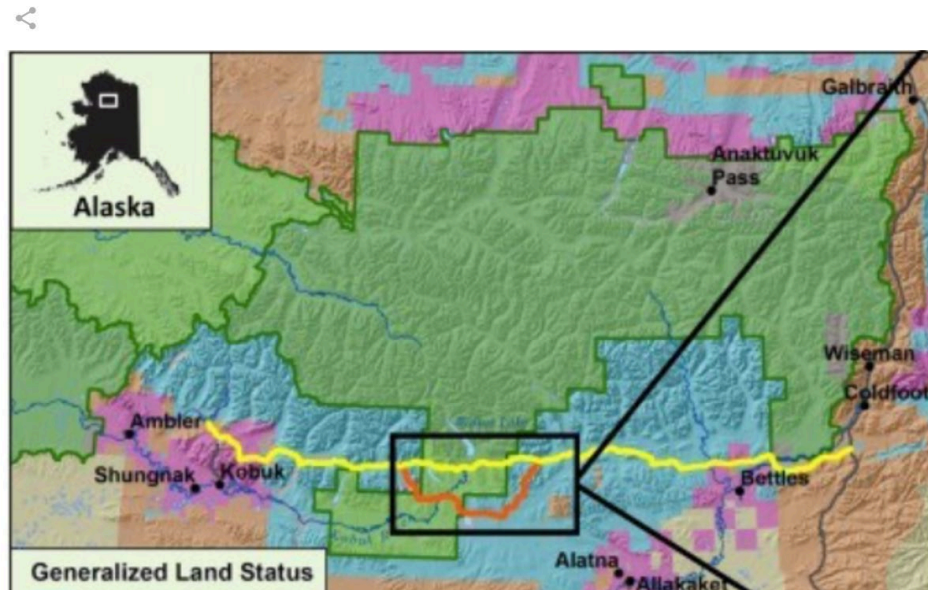


Figure 2 Proposed route from the Dalton Highway to Ambler District

Source: AIDEA

Social impacts of mining

Ambler Road concerns include booze, village women, and environment



Social impacts of mining: the real story

The Arctic Sounder

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OPINION: Mining: Jobs that make a difference

September 12th 4:00 pm | By **WILLIE HENSLEY**

print  email 

It had been almost 10 years when I returned to this great state after time spent away at boarding school and college. I was one of the lucky unlucky ones - "lucky" because I got a great education; "unlucky" because I had to leave my family and surroundings to get it. I was 24. Statehood had come to Alaska and it was an exciting time; I decided to enroll in a graduate course in constitutional law.

I discovered that Alaska Natives were on the verge of losing over 100 million acres of land to the new state — without compensation. I used my new knowledge to help fight for our lands. The result, within five years, with everyone working together, was a \$1 billion settlement and 44 million acres of land to be owned and controlled by our own





Alaska's World Class Regulatory System

- Rigorous permitting system
 - air, land, water, fish and wildlife
- Strict operational oversight
- Closure/Reclamation
- Financial Assurance

No Single Permit to Mine: there are many permits & authorizations

Mine permitting is a mixture of State, Federal and local permitting requirements.
Each project is unique.

STATE

- Plan of Operations (DNR)
- Reclamation and Bonding (DNR)
- Waste Management Permits and Bonding (ADEC)
- CWA Section 402 APDES Water Discharge Permit
- Certification of ACOE Permits (ADEC)
- Sewage Treatment System Approval (ADEC)
- Air Quality Permits (ADEC)
- Fish Habitat and Fishway Permits (ADF&G)
- Water Rights (DNR)
- Right of Way/Access (DNR/DOT)
- Tidelands Leases (DNR)
- Dam Safety Certification (DNR)
- Cultural Resource Protection (DNR)
- Monitoring Plan (Surface/Groundwater/Wildlife) (DNR/DEC/DFG)

FEDERAL

- US EPA Air Quality Permit review
- US EPA Safe Drinking Water Act (UIC Permit)
- US ACOE S. 404 Dredge and Fill Permit
- US ACOE S. 10 Rivers and Harbors Act
- US ACOE S. 106 Historical & Cultural Resources Protection
- NMFS Threatened & Endangered Species Act Consultation
- NMFS Marine Mammal Protection Act
- NMFS Essential Fish Habitat
- NMFS Fish and Wildlife Coordination Act
- USFWS Threatened & Endangered Species Act Consultation
- USFWS Bald Eagle Protection Act Clearance
- USFWS Migratory Bird Protection
- USFWS Fish & Wildlife Coordination Act

These are only some of the permits required!



True North (Fairbanks)



Poker Flats (Healy)

Reclamation and Closure

- Alaska law (AS 27.19) requires that a mine site must be returned to a stable condition compatible with the post-mining land use
- Plan & financial assurance must be approved by DNR Commissioner *before* operations begin
- Financial assurance applies to all companies
- Reviewed every 5 years or earlier if necessary

Thank you!



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