

# **House Resources Committee Lunch and Learn**

## ***A Golden Opportunity in Southwest Alaska***



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# Donlin Gold Project



- Donlin Gold LLC is the operating company
  - 50/50 partnership with Barrick Gold and NOVAGOLD
- Land owned by Calista Corp. and The Kuskokwim Corp. (TKC)
  - Land selected for resource development
  - Exploration and mining lease with Calista
  - Surface use agreement with TKC
- Anchorage, Bethel and Aniak offices
  - 37 employees
- Project studies ongoing since 1995
  - Resource definition
  - Engineering studies
  - Environmental baseline data collection





# Location Map



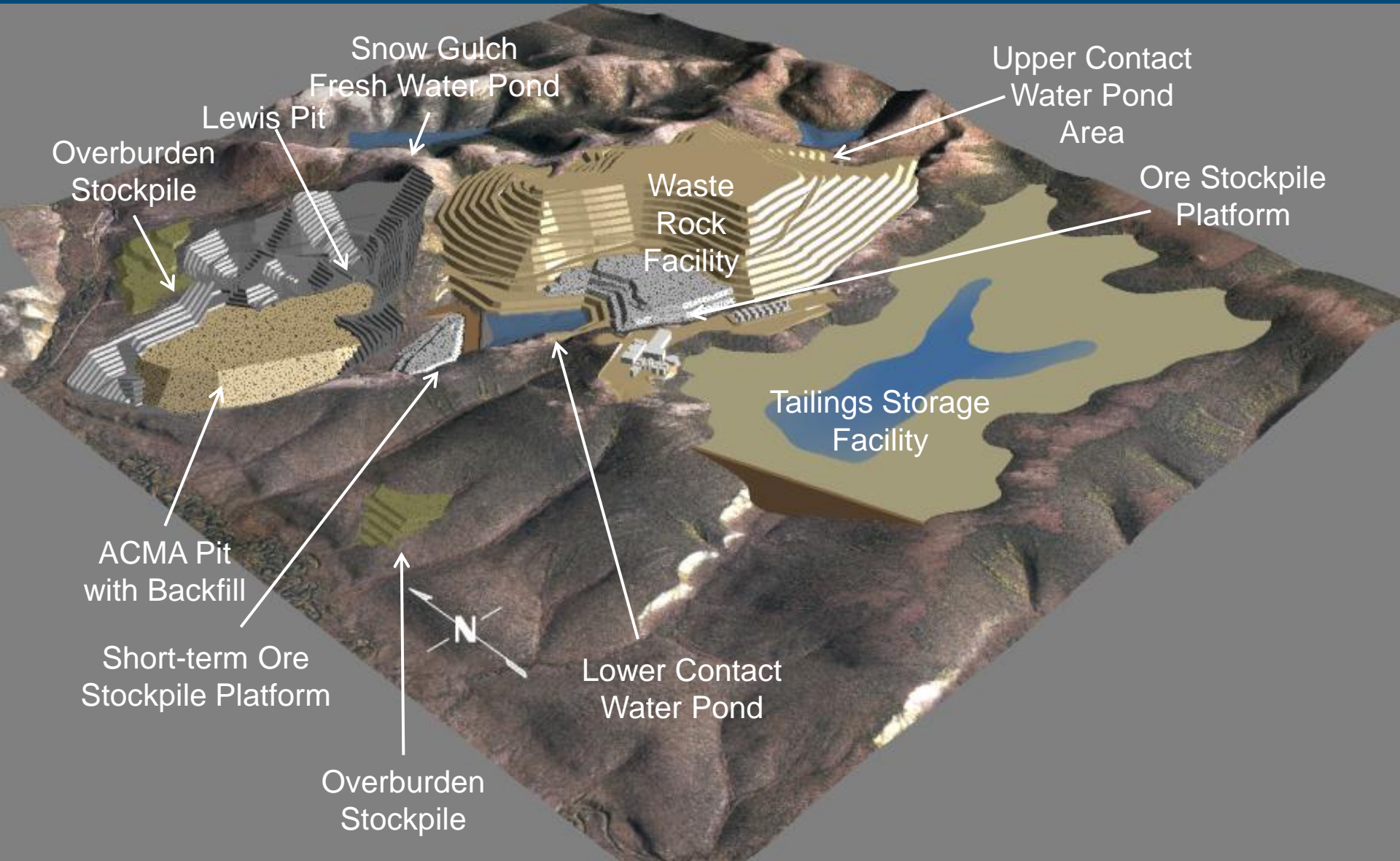
# Mine Overview



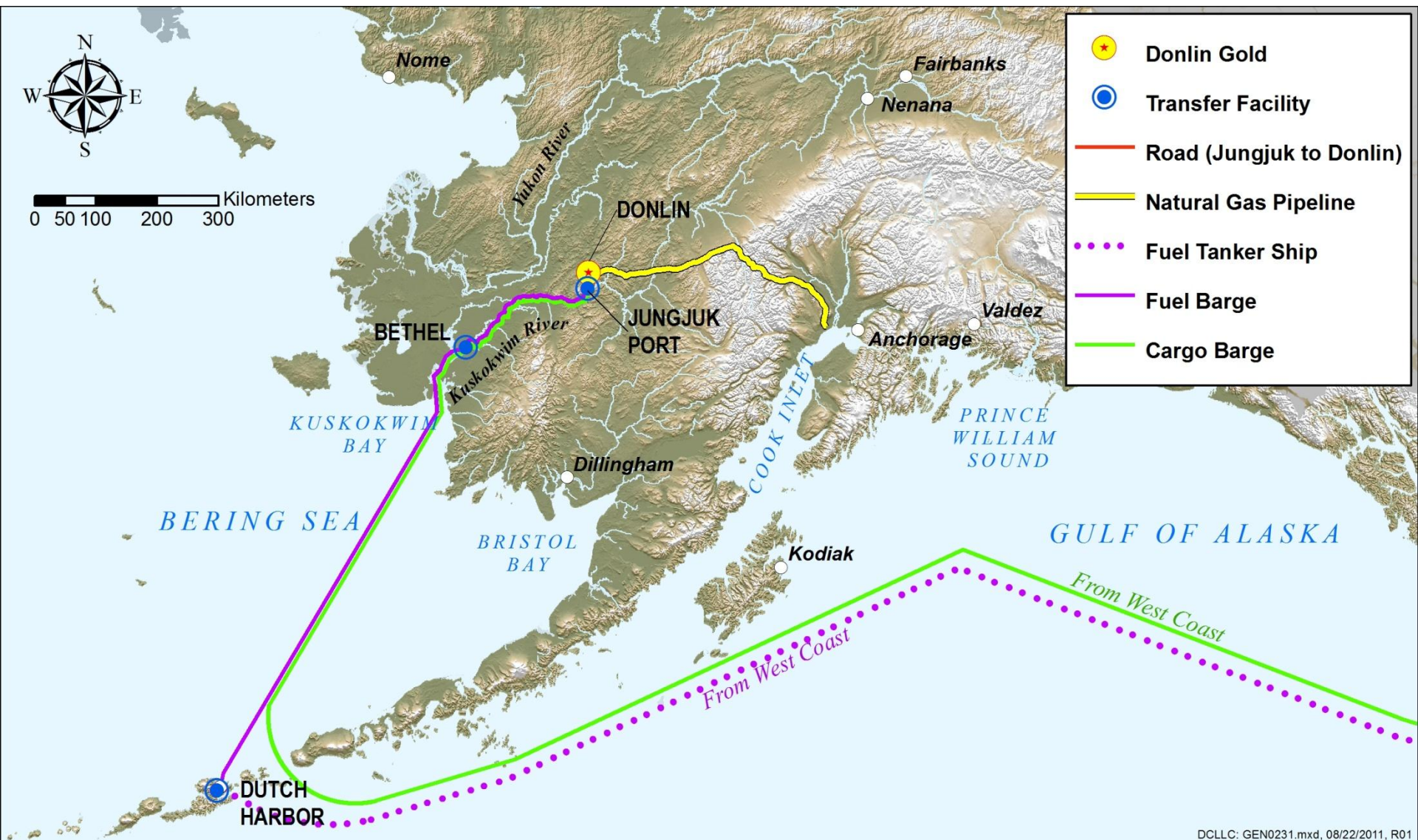
- **Reserves:** 33.9 M oz of gold
- **Mine Life:** ~27+ years
- **Production:** ~ 1.1 M oz/year
- **Mining:** Open-pit up to 485,000 tons/day
- **Milling:** 59,000 tons/day
- **Strip ratio:** ~5.5:1 = ~3B tons waste rock
- **Tailings:** Fully lined conventional storage facility
- **Infrastructure:** 5,000 ft runway, 30 mile road, two port facilities, camp for 600 employees
- **Power:** 150 MW on site generation using gas



# Site Layout



# Logistics and Supply Chain



# NEPA Review

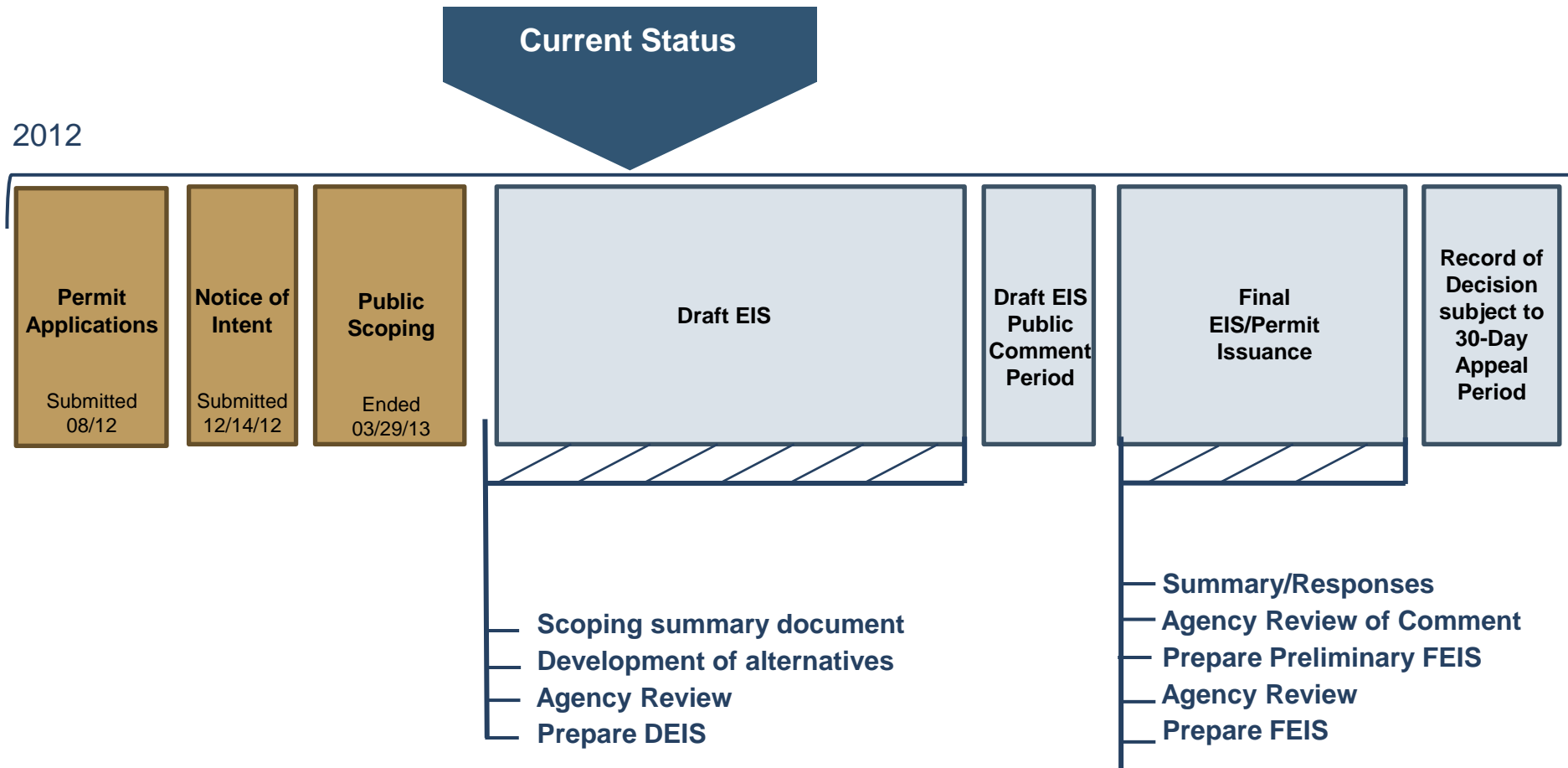


- NEPA review and resulting EIS will address the mine and associated infrastructure
- US Army Corps of Engineers is lead agency
  - Section 404 is primary Federal authorization
  - URS Contracted as Third Party Support
- Cooperating Agencies
  - Federal: BLM, USFWS, EPA, PHMSA
  - State: DNR
  - Tribal: Native Villages of Crooked Creek, Akiak, Aniak, Chuathbalak, Lower Kalskag, Napaimute, Knik Tribal Council,



# NEPA Timeline

~4 year process

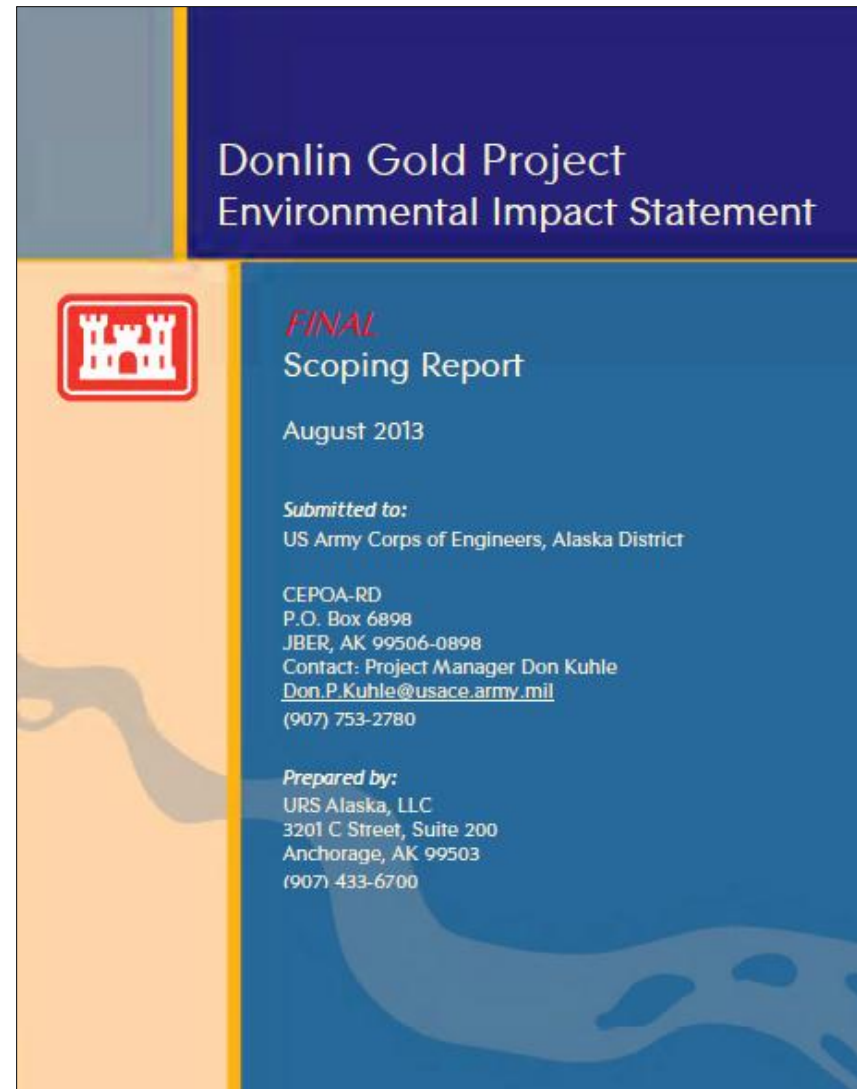




# Major Scoping Issues



1. Socioeconomic Impacts
2. Proposed Action and Alternatives
3. Hazardous Materials
4. Air Quality
5. Bonding, Escrow, and Reclamation
6. Water Quality and Quantity



# Permitting



- Nearly 100 permits needed
- Major federal permits
  - CWA Section 404/RHA Section 10 (USACE), Rights of Way (BLM), Pipeline Special Permit (PHMSA), PSD Air Quality review (EPA), EFH Consultation (NMFS), ESA Section 7 Consultation (NMFS/USFWS)
- Major state permits
  - Reclamation Plan Approval and Bonding (ADNR), Integrated Waste Permit and Bonding (ADEC), Wastewater APDES - Pit Dewatering (ADEC), PSD Title I Air Quality Permit (ADEC), Title I6 Fish Habitat Permits (ADF&G), Water Rights (ADNR), Rights of Way (ADNR/DOT), Dam Safety Certification (ADNR)

# Workforce Development



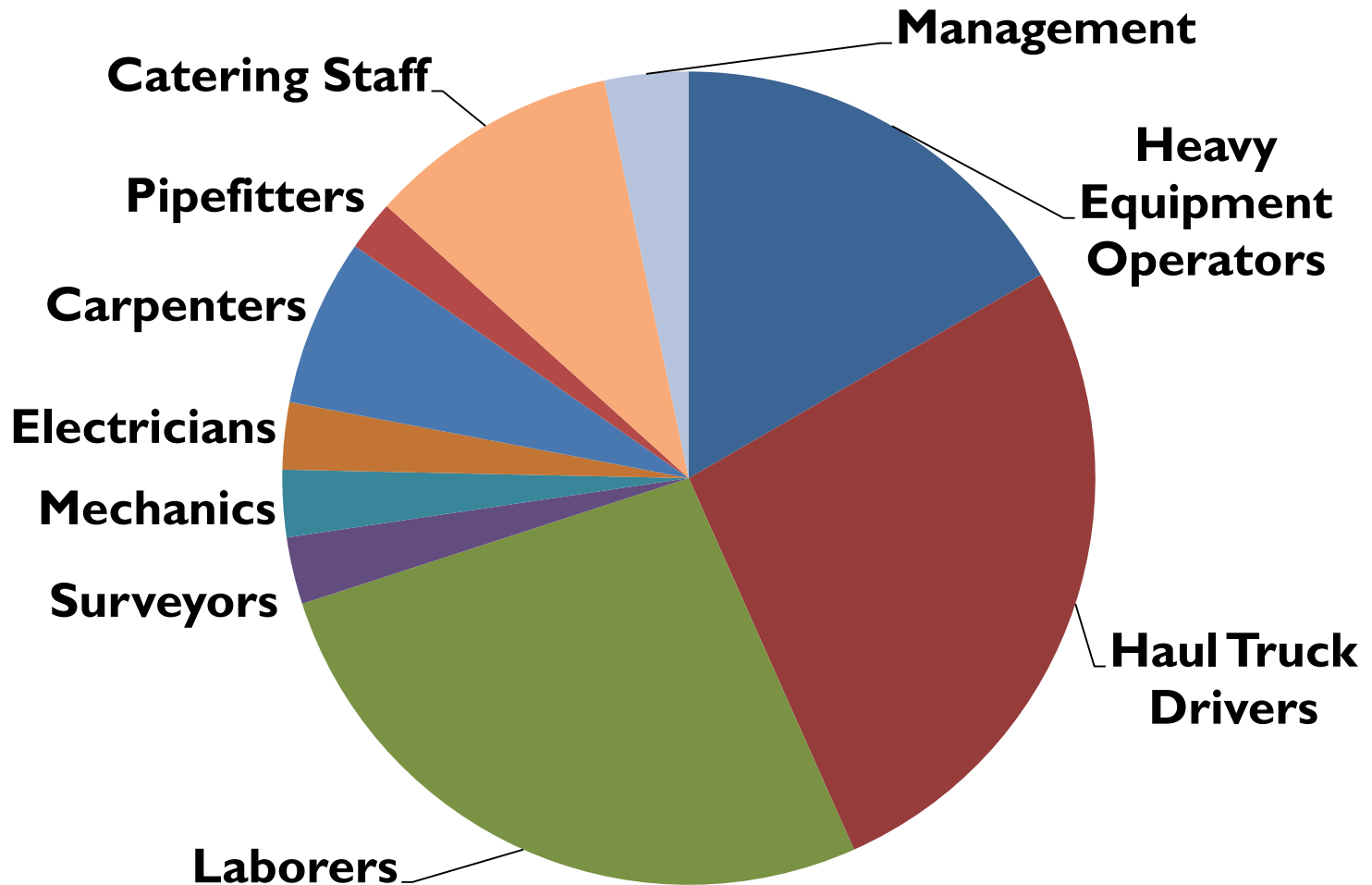
- Reputation for local hire
- Low turnover
- Shift schedule allows both good jobs and opportunity for subsistence activities
- Village and school visits- *finish school!*
- Scholarships
- 2013 Employer of the Year
  - National Association of State Workforce Agencies.

1,750,000 hours worked Loss Time Incident free





# 3,000 Construction Jobs



# Operations– 600–1400 jobs

- Engineers
- Geologists
- Heavy equipment operators
- Mechanics
- Electricians
- Mill operators
- Safety specialists
- Environmental technicians
- Accountants
- Fork lift operators
- Cooks
- Housekeepers
- General maintenance



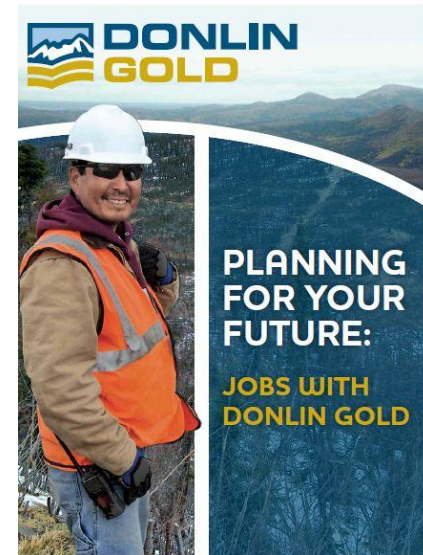
# Preparation and Training



Training programs, colleges, universities, technical certifications for careers in mining are offered in Alaska

## Example

- AVTEC
- Yuut Elitnaurviat
- UAA, UAF (Kuskokwim Campus)
- UAS Center for Mine Training
- Northern Industrial Training (NIT)
- Mining and Training Petroleum Services (MAPTS)
- Prince William Sound Community College





# Economic Benefits



- \$375 M annual construction payroll
- \$ 97 M annual payroll during operations
- Royalties under 7(i) and 7(j) provisions of ANCSA
- State taxes
- Healthier economy



# Mushing and Mining

