



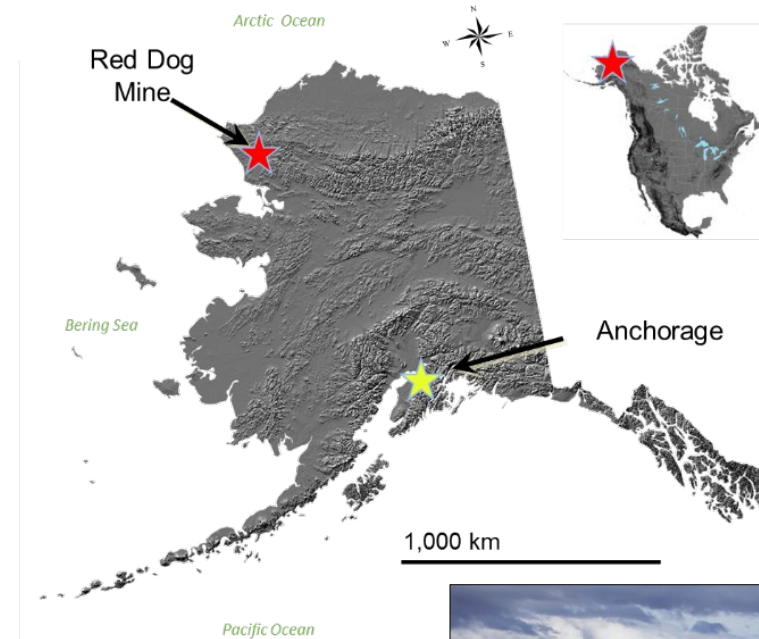
# RED DOG MINE

**GRETA SCHUERCH, SENIOR ADVISOR,  
GOVERNMENT & EXTERNAL AFFAIRS**



# Red Dog Operations

- Red Dog is located about 622 miles northwest of Anchorage, Alaska
- 106 miles north of the Arctic Circle
- At the Western end of Brooks Range
- Began operating in 1989





# 1981 – 1982 Partnership with NANA

## Community Engagement Ahead of its Time

NANA



Teck



### **Resolution of competing title claims critical**

- NANA leaders visited Cominco operations: Pine Point, Polaris, Black Angel, Trail

### **1981 Letter of Intent between NANA and Cominco**

- Drill deposit on 400' centers
- Before land status was resolved

### **1982 Landmark agreement between NANA and Cominco**

- Cominco to operate under a lease agreement
- Ultimately schedule to 50:50 profit share





# Red Dog Operations

Operating North of the Arctic Circle



## Remote, Arctic climate

- ~ 100-day shipping season
- ~ 120-day exploration season

## Production

- Typically, 1.0 – 1.3 million wet metric tonnes of concentrate annually

## Red Dog Deposits

- Main (mined out)
- Aqqaluk (2010 start)
- Qanaiyaq (2017 start)

# Red Dog – “Its all about logistics”

## Power Generation

- 8 diesel generators
- 5.0 megawatts per unit
- 24.5 megawatts required
- 40,000 gallons of diesel fuel/day

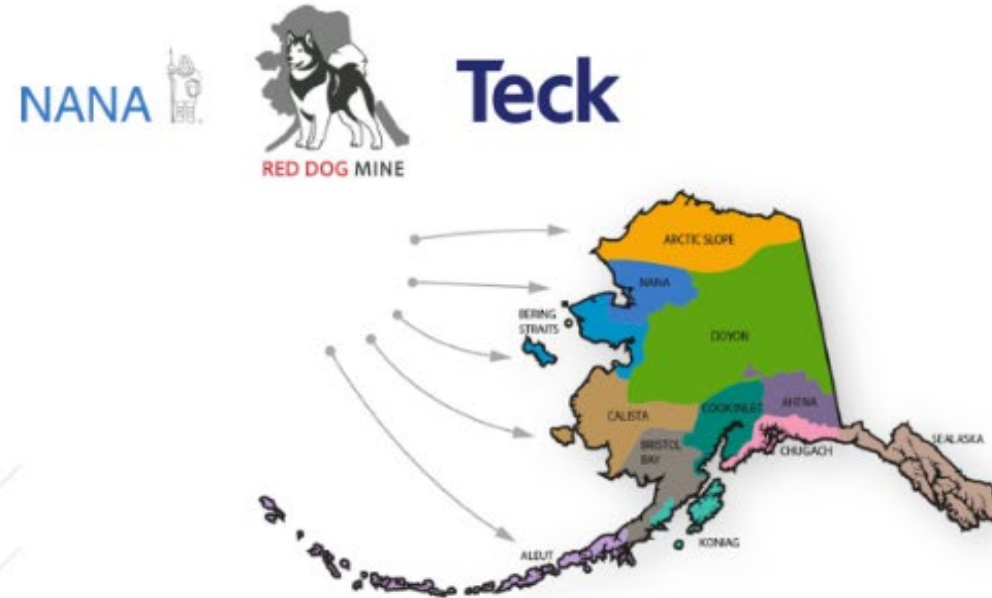
## Air Freight - 2023 *estimate*:

- 5.8 million pounds of air freight
- 200 Northern Air Cargo, *Boeing 737-400*
- 30 Lynden Air Cargo, *C-130 Hercules*



# Broad Benefits of Development

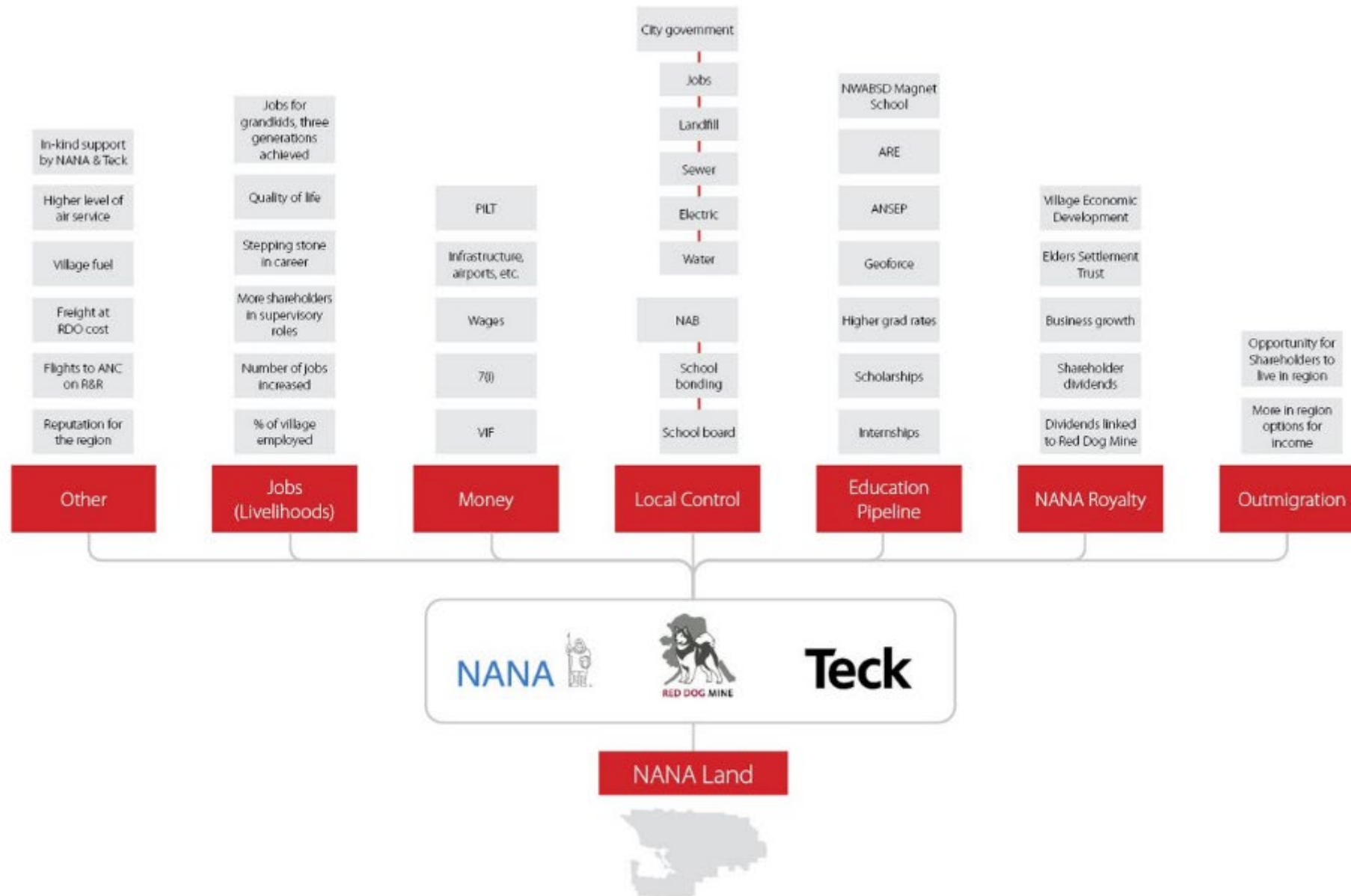
- **>\$2B in total 7(i)** contributions through 2024 from NANA
- In 7 years (FY14-FY20) 69% of 7(i) came from NANA/Red Dog.
- In FY22 76% of 7(i) came from NANA/Red Dog.



- Red Dog is 85% of the NAB budget
- 900 SH jobs and \$63M in wages



# Community Development





# Payments in Lieu of Taxes & Village Improvement Fund

## Payment in Lieu of Taxes

- \$20-26M annually
- Primary revenue for the Northwest Arctic Borough (~85%)

## Village Improvement Fund

- \$4-8M annually
- Village Improvement Commission
- Increase benefits by setting money directly aside for villages
- Long-term sustainability - aimed at socioeconomic investment



# Port Operations





# Port Operations

Shipping season is from early July to late October

**18M - 20M** Gallons of fuel imported

**4,500** containers shipped via ocean barge

**85,000** tons ocean of freight

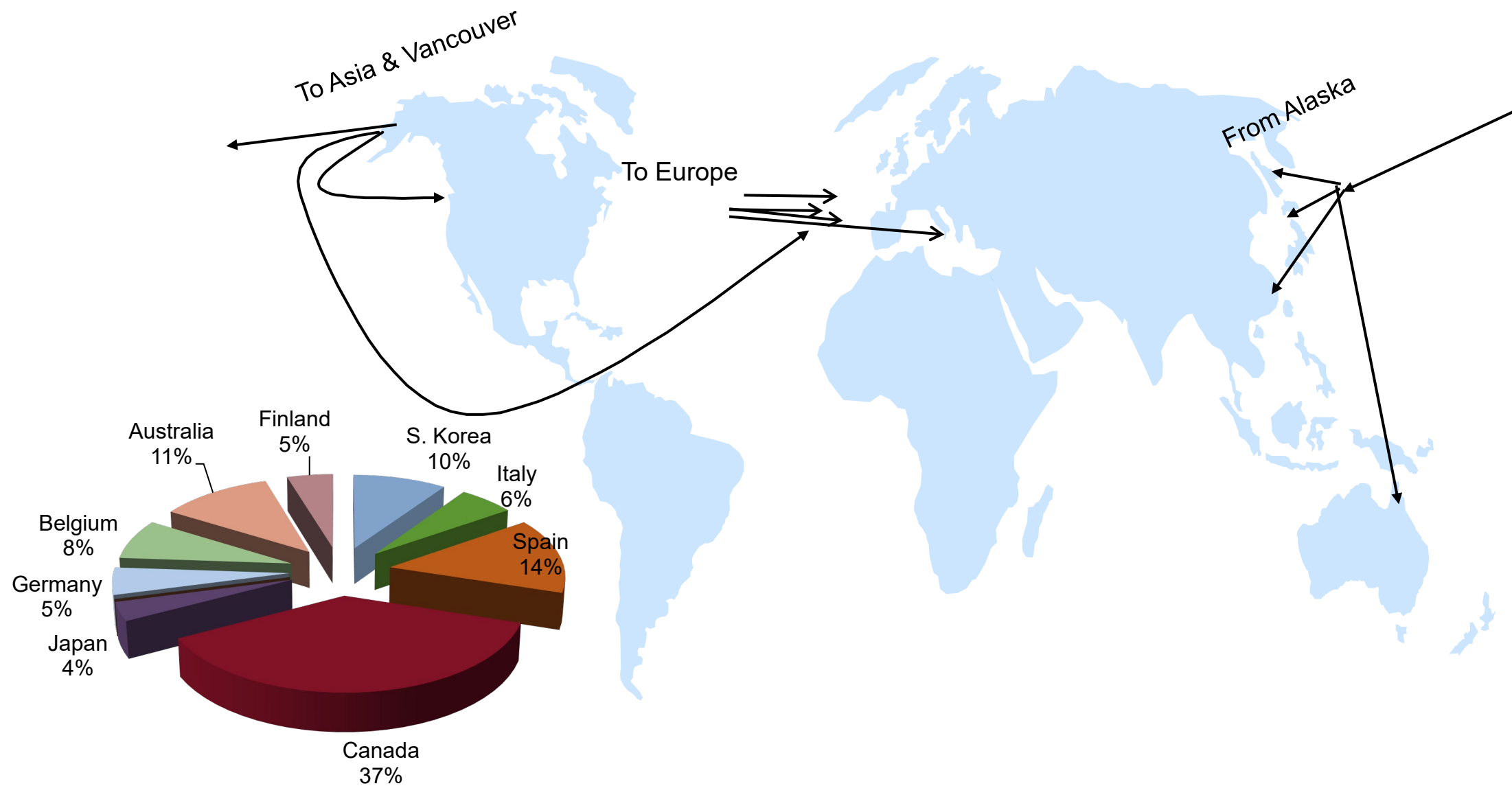
**1.1M** wet metric tonnes Zinc concentrate shipped

**230K** wet metric tonnes Lead concentrate shipped

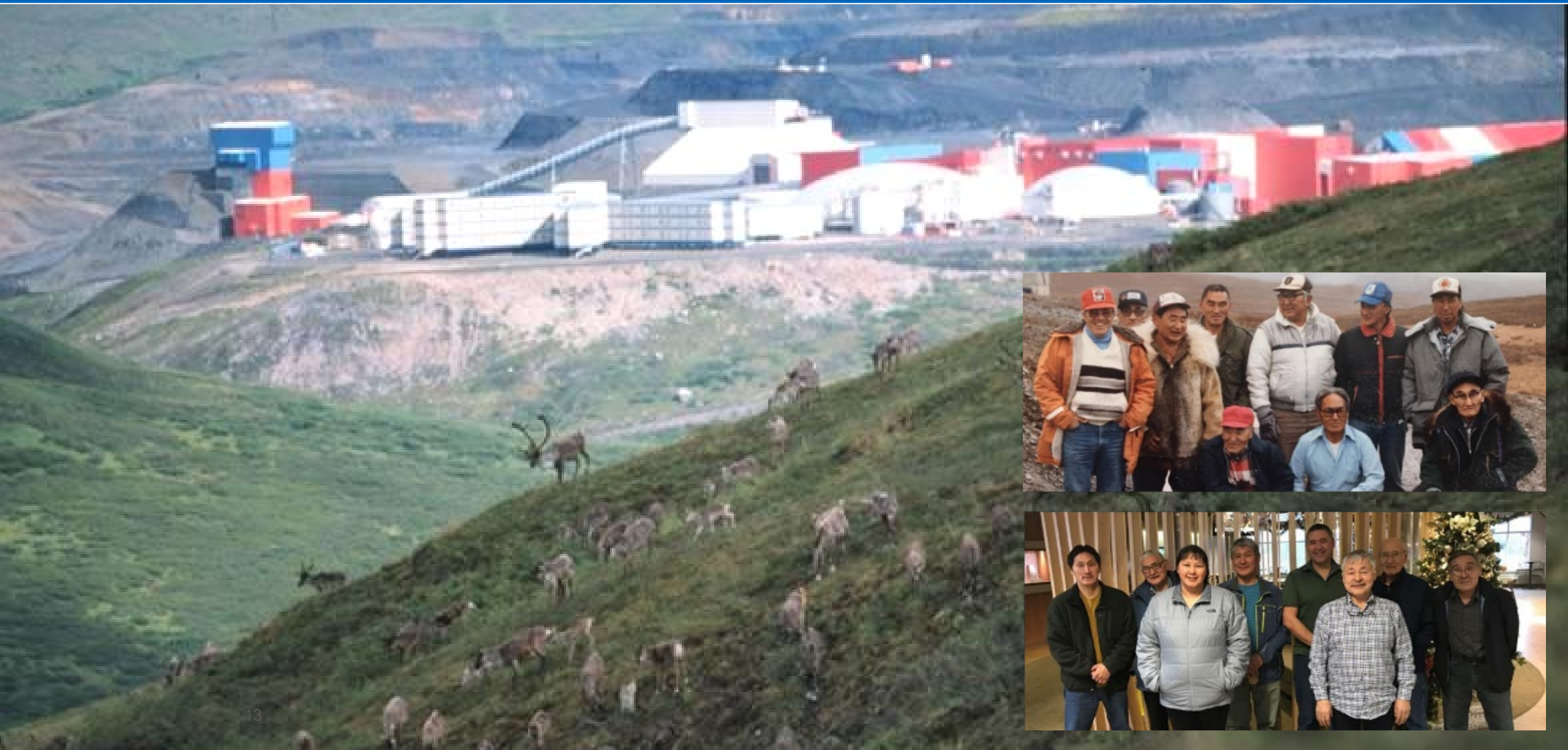




# Trade Flow of Zinc Concentrates



# Protecting Subsistence



## Teck Alaska people on role as of December 2024

- Regular – 653 (53% NANA Shareholder)
  - Temporary – 115 (93% NANA Shareholder)
- 22% of employees are female

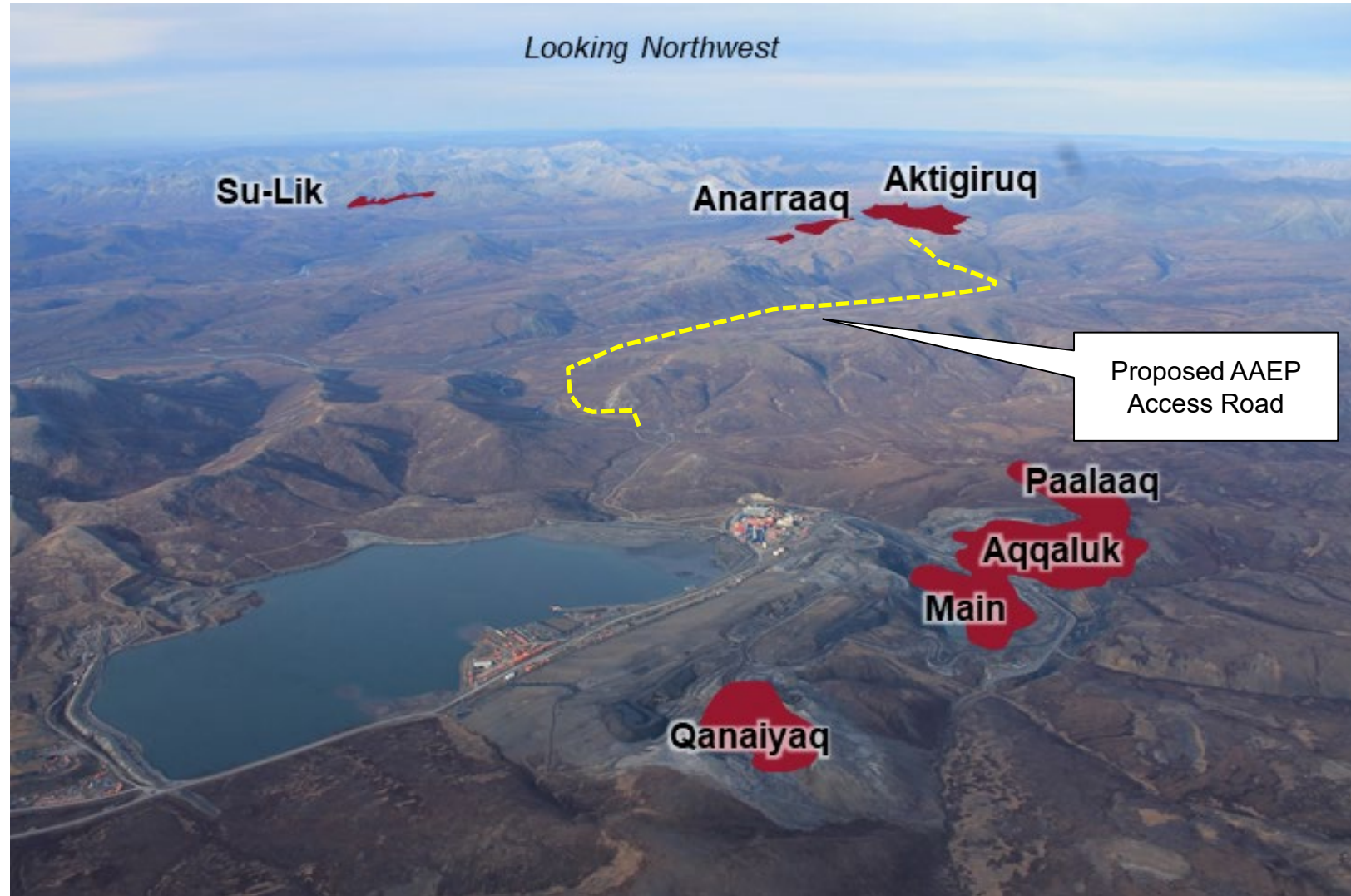




# Aktigiruaq & Anarraaq Extension Program (AAEP)

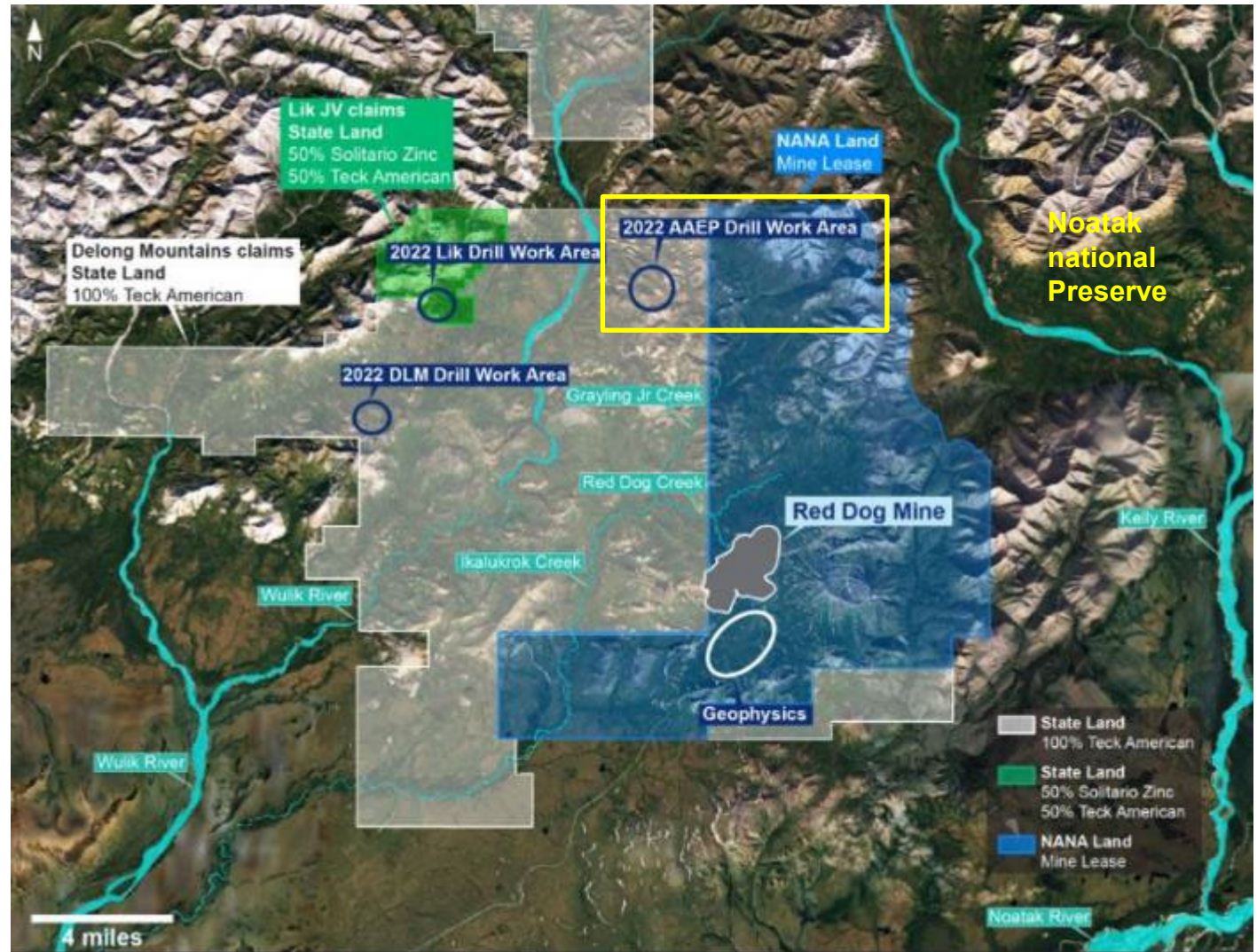
## Project Overview

- **Red Dog Mine is scheduled to exhaust the Aqqaluk deposit in 2031**
- **Several deposits in the district that, if developed, could extend the life of Red Dog Operations**
- **Deep deposits - more difficult to drill from the surface and they will have to be mined using underground mining methods**



# Aktigirug & Anarraaq Extension Program (AAEP) Project Overview

- Prospect located on State of Alaska mining claims - 100% ownership of Teck American Incorporated
- Lead-zinc prospect with potential to extend Red Dog life-of-mine beyond 2031
- 5 additional years of exploration needed





# Thank You – Taikuu - Quaynaq

