

# Red Dog and Greens Creek started operating in 1989







# Poker Flats





# 11 Years Later

# Alaska Mining Activity in 2013



- >5,000 direct jobs
- \$100,000 average annual wage
- Residents of 80+ communities
- \$157 million to local/state governments
- \$144 million to AK Native corporations







Potential new mining jobs

Council of Alaska Producers

### **Tight Investment Climate**

### THE WALL STREET JOURNAL.

Miners Pressured by Falling Metals Prices 11/10/2014

Mining Stocks Hit Hard in 2013

- HSBC Global Mining Index dropped 23%
- Dow Jones rose 27%

Record write downs for top 40 mining companies\*

- \$40 billion (2012)
- \$57 billion (2013)

\*PWC: Mine 2014: Realigning Expectations, June 2014



# **Exploration Spending Declines**

#### Globally\*:

- \$22 billion (2012)
- \$15 billion (2013)
- \$11billion (2014 estimate)

#### Alaska\*\*:

\$365 million (2011)

\$335 million (2012) \$176 million (2013) \$80 million (2014 estimate\*\*\*)

\*SNL Metals 10/2014, \*\*ADNR Special Reports 68 & 69; \*\*\*Petroleum News 11/2/2014



# Fraser Institute Survey 2013

#### **Pure Mineral Potential**

- 1. Alaska
- 2. Western Australia
- 3. Nevada
- 4. Chile
- 5. British Columbia

#### Overall top 5

- 1. Western Australia
- 2. Nevada
- 3. Newfoundland/Labrador
- 4. Finland
- 5. Alaska



# **Efficient Permitting....?**

Hecla Greens Creek Tailings Expansion Permitting Milestone	Completion
NEPA process initiated	September 2010
Final EIS and Record of Decision	December 2013
Waste Management Permit Renewal & Reclamation Bond Update	September 2014
ACOE 404 permit	??????

Should permitting an 18 acre expansion of an existing tailings facility take five years?







## **EPA Challenges**

- Pre-emptive 404 veto process
- Waters of the U.S.
- Escalating wetlands mitigation costs
- Power plant emissions regulations



# Why we need mining



