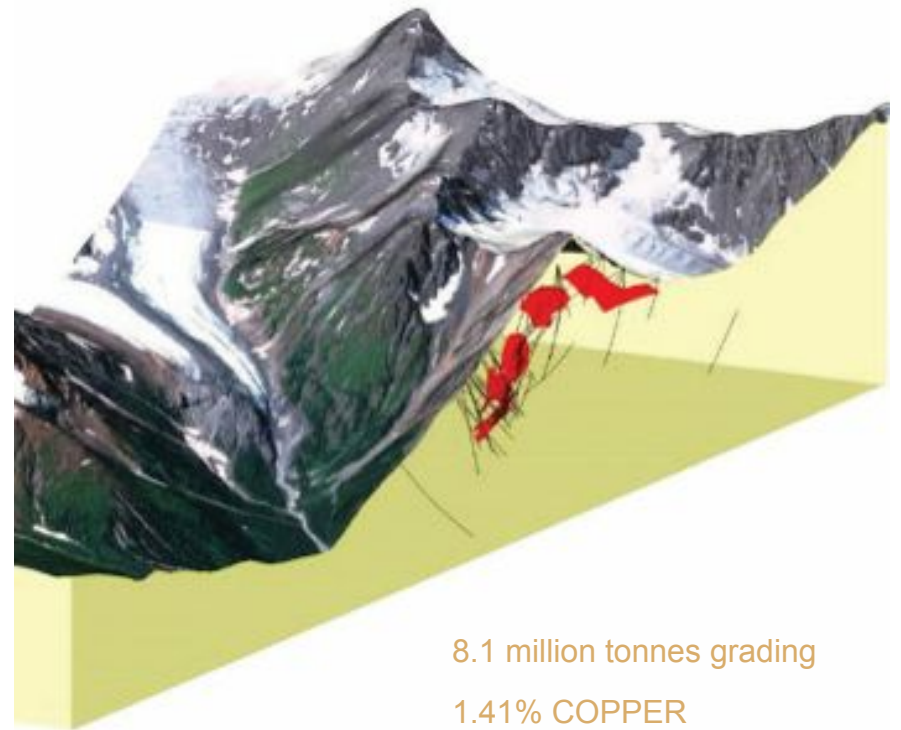




# What is the Palmer Project?

- A promising mid-stage mineral exploration project in Haines
  - **Copper**/chalcopyrite – *used for pipes, wiring, hybrid vehicles, wind turbines*
  - **Zinc**/sphalerite – *used for galvanizing steel and iron, alloys, boat anodes, fertilizer*
- We are exploring for additional mineralization that may be able to support an underground mine in the future



8.1 million tonnes grading

1.41% COPPER

5.25% ZINC

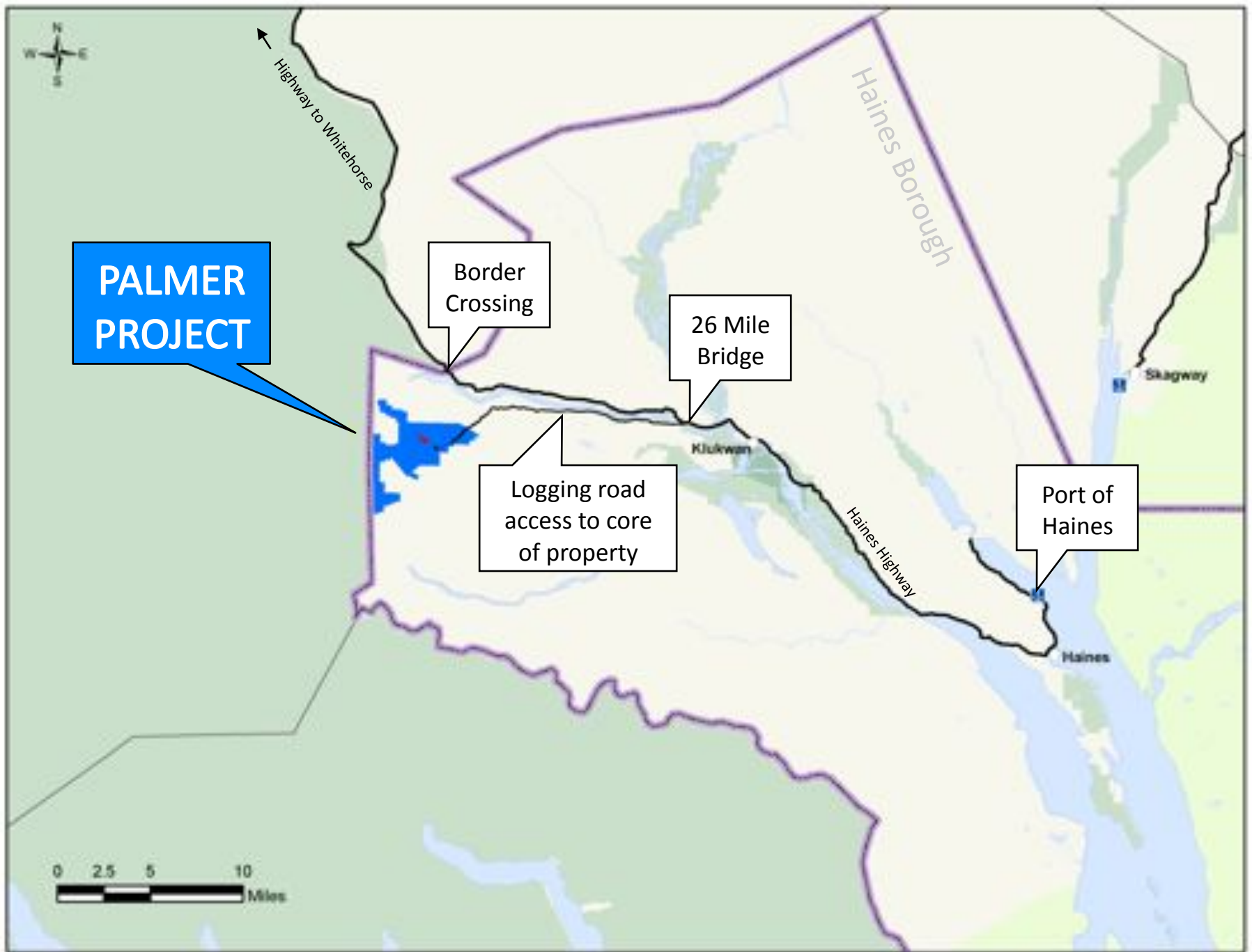
31.7 g/t SILVER

0.32 g/t GOLD

# The Palmer Project Since 1969

- 1969: Initial prospecting and staking by Merrill Palmer
- 1970-2000: Several other companies leased and worked the property; MHT selection, 1982 consensus
- 2006-2012: Ore grade discoveries and initial mineral resource estimate
- 2013-2016: \$22 million JV earn-in by Dowa, road building, resource expansion, Environmental Assessment and FONSI, MHT lease, project evaluation
- 2017: dual path of evaluation and new discoveries





**PALMER  
PROJECT**

Border  
Crossing

26 Mile  
Bridge

Logging road  
access to core  
of property

Port of  
Haines

0 2.5 5 10  
Miles

# Summer 2017 Field Plans

- Exploration drilling of 33,000 feet (two drills for about 3 months)
- Technical evaluation studies – engineering, environmental, geological
- Spur road construction along Glacier Creek (pending BLM approval)
- Prospecting, mapping and airborne geophysical surveys to identify new areas
- Environmental stewardship and community engagement

# 2017 Drill Results

South Wall - 45.4m @ 2.5% Cu 7.4% Zn

Nunatak – 9.2m @ 313 g/t silver and 0.9 g/t gold









# Environmental Stewardship



# *Environmental Stewardship*

- Rigorous environmental management of current activities
- Concurrent reclamation and bonding for disturbance
- Baseline data collection
  - Wildlife
  - Water quality
  - Fish resources
  - Vegetation
  - Wetlands
  - Weather and hydrology
  - Rock geochemistry





# Building a Community Project

Shop Local, Hire Local

Encourage participation of all community members

Local conversations to help guide the project and create greater value for all







 **HY-TECH**  
DRILLING





Based in Smithers, British Columbia

Formed in 1991 and now operates in Canada, USA, and Europe

Excellence in Performance and Safety

- OSHA standards
- DEC – Drilling Excellence Certification
- COR – Certificates of Recognition

Environmental stewardship has inspired many innovations at Hy-Tech, including the design of our unique water centrifuge system.

Local recruiting success



## COASTAL HELICOPTERS JUNEAU, ALASKA

- You may know them for their tourism and telecommunications support work...



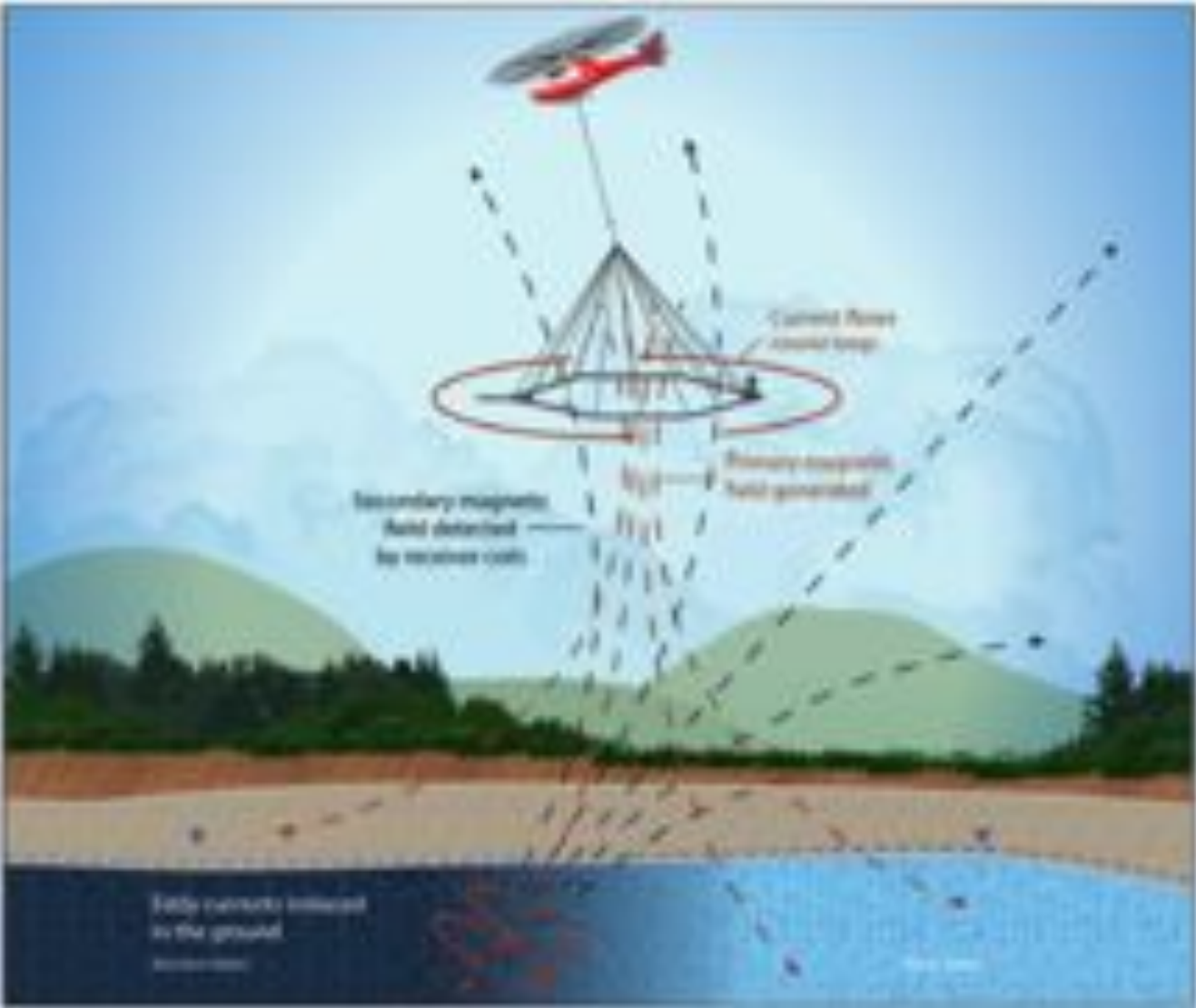


**COASTAL HELICOPTERS**  
JUNEAU, ALASKA

- We know them as the work horse for the mining industry
  - Constantine since 2006
  - Red Dog Mine
  - Kensington Mine, Greens Creek Mine, Herbert Glacier prospect
  - Responsible flying!









## Palmer Project Services

- Road building
- Heavy equipment
- Surveying and explosives
- Stormwater and invasive plant species compliance











# Haines Chapter



**ALASKA MINERS**  
ASSOCIATION

# MINING FORUM

**What do you want to know?**

Would you like to learn about mining benefits and impacts in the Haines Borough?

- The organizations below are planning a well-balanced mining education forum for **October 14<sup>th</sup> and 15<sup>th</sup>** for Haines and Klukwan residents.
- We are exploring the opportunities and impacts of a potential underground hard rock mine in the Klehini watershed.

**We want to hear from you! Please email suggestions for topics to [meredith@takshanuk.org](mailto:meredith@takshanuk.org)**



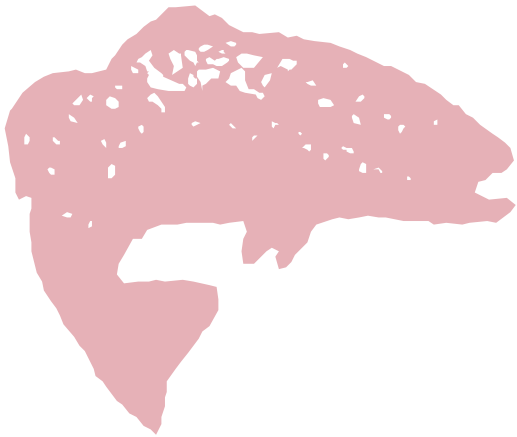
## Organizations

Haines Borough, Chilkoot Indian Association, Chilkat Indian Village of Klukwan, Chamber of Commerce, Takshanuk Watershed Council, Lynn Canal Conservation, Haines Gillnetters, USAG, Haines Sportsman's Association, Alaska Miners, Palmer Family, Constantine

## Speakers

McDowell Group, DEC, DNR, Constantine, Southeast Conference, Jacinda Mack, Kendra Zamzow, Pete Condon, Russ White, with moderation by Odin Brudie

# Committed to Responsible Mineral Exploration



*Fish need  
clean water*



*Electric cars  
need copper*



*Mining in Alaska  
does both*

*Thank You*

