

# YUKON STRATEGIC LOCATION

GEOLOGICAL SURVEY





# 2006 EXPLORATION HIGHLIGHTS



- Over 150 exploration projects
- 21 projects>\$1 millionspent.
- Commodities sought: Au, Zn, U, Cu, Ag, W, Mo, Ni,

Sn, coal, emerald





## PRECIOUS METALS PROJECTS

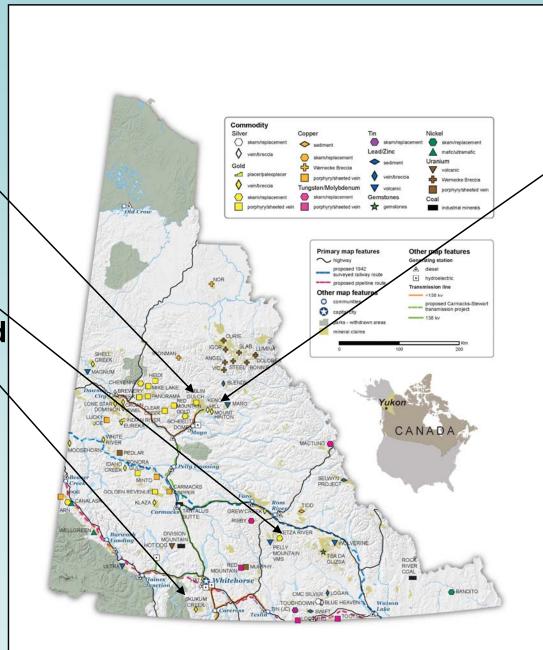


#### **GOLD**

StrataGold Dublin Gulch

YGC Resources Ketza River

Tagish Lake Gold Skukum Creek



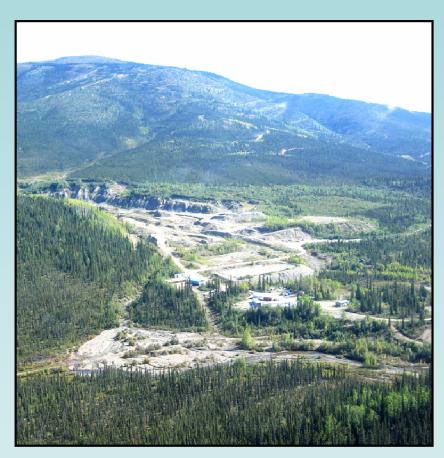
#### **SILVER**

Alexco Keno Hill



# **GOLD – DUBLIN GULCH**

# Eagle zone resource – 81 Mt containing 2.33 million ounces gold



Open Pit operation.





## **GOLD – KETZA RIVER DEPOSIT**



# Measured, indicated and inferred resources – 23.12 Mt containing 1.8 million ounces gold

#### Open pit/underground operation







# GOLD - SKUKUM MINERAL DISTRICT



- Skukum Creek –
   1.02 Mt containing
   260,000 ounces
   gold, 6.5 M ounces
   silver.
- Underground operation.
- Feasibility study inprogress.

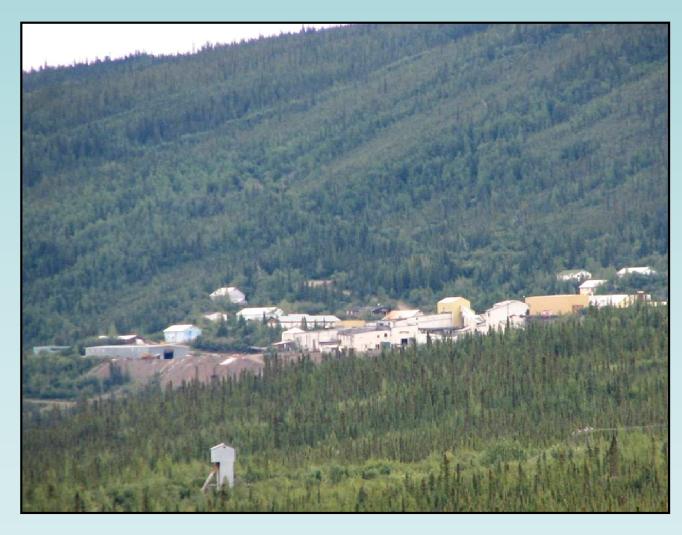




## SILVER - KENO HILL



- Resource of 856,382 tonnes containing 30 M ounces (880 t) silver, 4.8% zinc and 3.9% lead.
- Canada's second largest producer 1913-1989 6,750 tonnes of silver produced.
- Underground operation.





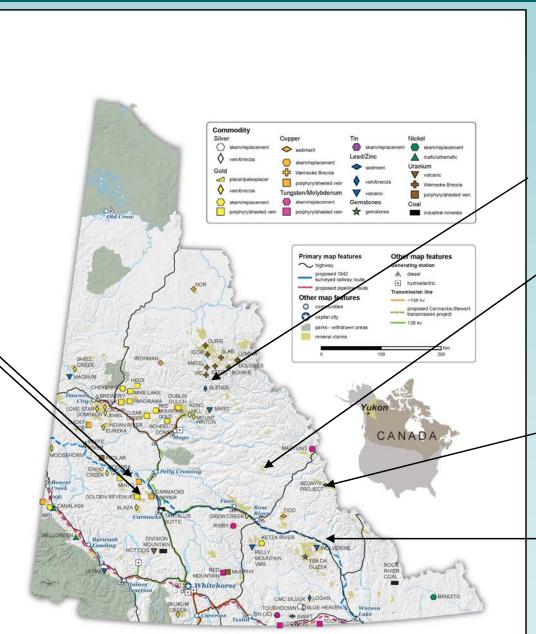
## **BASE METALS PROJECTS**



#### **COPPER**

Sherwood Copper *Minto* 

Western Copper Carmacks Cu



#### **ZINC**

Eagle Plains Blende

Overland Andrew

Pacifica Resources Selwyn Project

Yukon Zinc Wolverine



# **COPPER - MINTO DEPOSIT**



- Measured and Indicated Resource
  9.06 Mt @ 1.78% Cu,
  0.62 g/t Au, 7.3 g/t
  Ag
- Open pit project
- Production June 2007

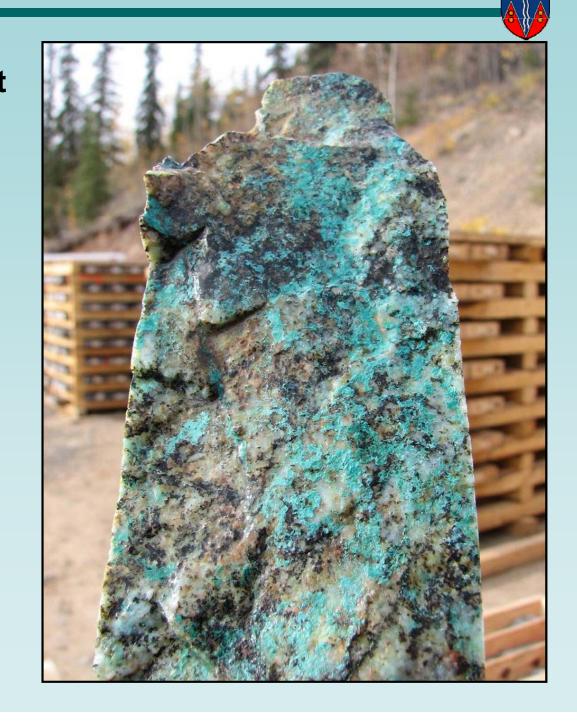




# COPPER - CARMACKS COPPER PROJECT

- Deposit contains an oxide reserve of 14.4 Mt grading 1.1% total copper and 0.48 g/t gold.
- Open Pit project.
- Produce cathode copper.

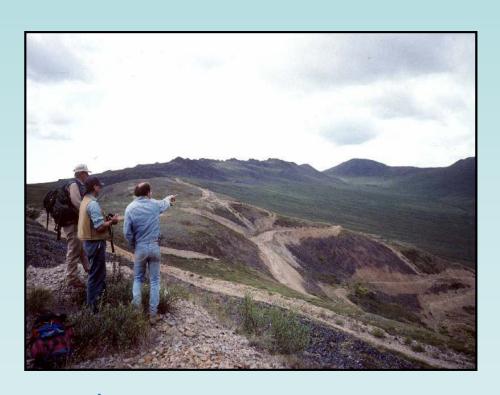






## **COPPER – CASINO PROJECT**

- Resource of 964 Mt grading 0.22% copper, 0.24 g/t gold and 0.02% molybdenum.
- Large scale Open pit project.







# ZINC - SELWYN PROJECT

- Indicated resource 86.6 Mt grading 4.93% Zn, 1.73% Pb Inferred resource 215.5 Mt grading 4.71% Zn, 1.48% Pb Potential resource 225 Mt grading 4-5% Zn, 1-2% Pb
- Combination open pit underground.
- Several new major discoveries.





# ZINC - WOLVERINE DEPOSIT



- •Proven and probable reserves 5,208,346 t grading 9.71% Zn, 284.2 g/t Ag, 0.93% Cu, 1.37 g/t Au, 1.26% Pb.
- Underground project.





## ZINC - ANDREW DEPOSIT



Indicated and inferred resource – 5.9 Mt grading 5.84% Zn, 2.03% Pb, 9.49 g/t Ag, 14.86 g/t Ge.

Open pit project.



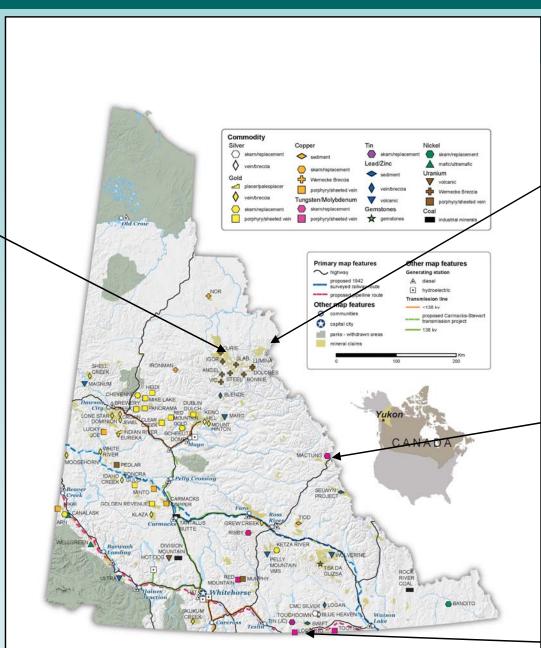


## **BASE METALS PROJECTS**



#### **URANIUM**

Cash Minerals
Wernecke
Project



#### **IRON**

Chevron Crest

#### **TUNGSTEN**

North American Tungsten *Mactung* 

## TUNGSTEN/ MOLYBDENUM

Largo Resources

Logtung



#### **IRON – CREST IRON DEPOSIT**



- 18 billion tonne resource
- Mineable resource − 3.2 billion tonnes grading 43% Fe,
   26.6% SiO<sub>2</sub>, 0.34% P<sub>2</sub>O<sub>5</sub>,
   1:1 strip ratio.
- Large scale open pit project.

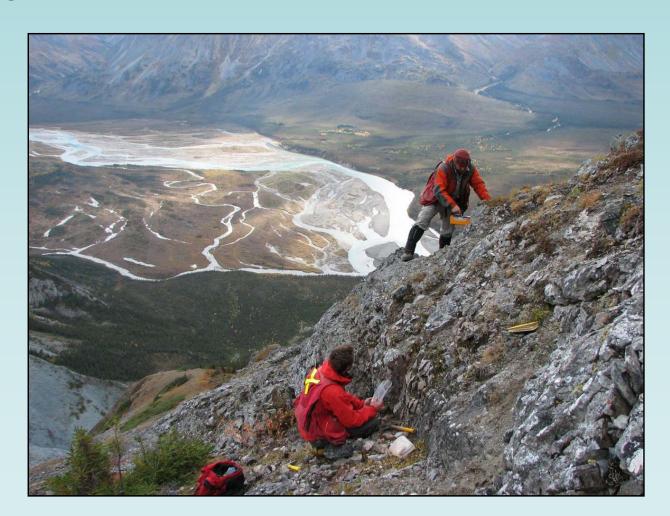




## **URANIUM – WERNECKE PROJECT**



- Iron-oxide-copper-gold-uranium targets
- •Unconformity related uranium targets
- 2007 exploration >\$20 million





#### **TUNGSTEN – MACTUNG DEPOSIT**



Yukon has 20% of the world's known tungsten resource.

- Indicated Resources 33.03 Mt @ 0.88% WO<sub>3</sub>
- ■Inferred Resources 11.26 Mt @ 0.78% WO<sub>3</sub>
- Largest undeveloped tungsten deposit outside of China.
- •Underground operation.





## YUKON GEOLOGICAL SURVEY



Please contact us for more information on the geology and mineral potential of Yukon.

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