



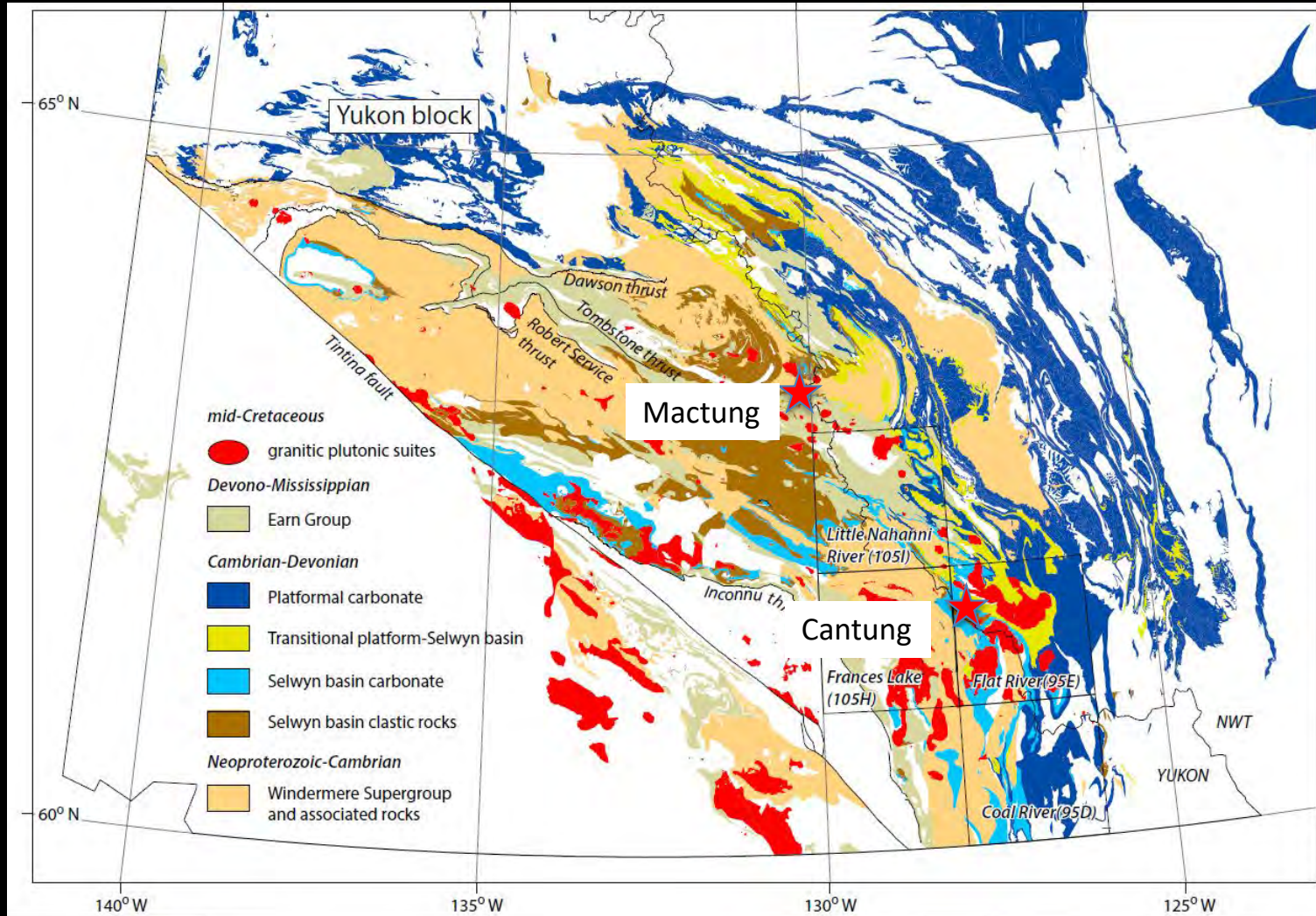
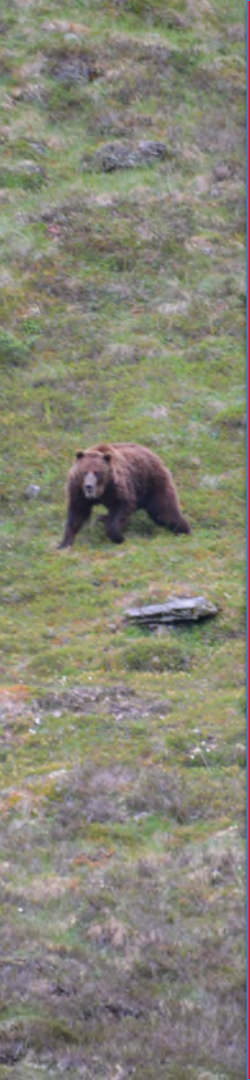
Mactung

Cantung

Whitehorse

Yellowknife

Location





**GSM-19**

**Overhauser  
Magnetometer**

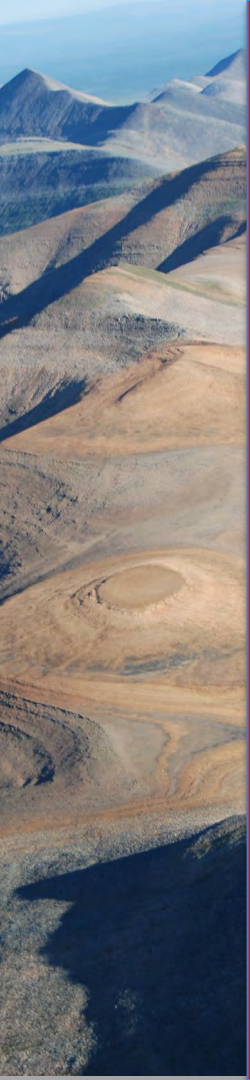
1-Position 2-Enter-Exit  
2-Units 3-Gravimetric scale  
3-Display mode  
4-Info 5-Factory  
6-Next Line E-Next Magnet E-Ok



**Mine Site**



Mine Site



1954: AXEL (“Open Pit”) copper mineralization discovered by prospectors working for Northwest Ventures

1958: Re-staked by Canada Tungsten Mining Corp. Prospectors had recognized scheelite

1962-1974: Seasonal mining of the Open Pit Produced ~1.34 MSTU grading 1.64% WO<sub>3</sub>

1972 - E-Zone orebody discovered

1973 – Mining shifts to underground to the E-Zone and Year-round operation.

1986 – Mine shut down due to depressed prices

1997 – North American Tungsten Corporation Ltd. purchased the Cantung Mine from Aur Resources Inc.

2001 – Mining Operations resumed

2003 – Mine shut down

2005 - restart

2007– Discovery of “area below 3700”

2009 – Mine shutdown due to depressed prices

2010 – restart

2012 - Discovery of Amber Zone

2013 – Discovery of Dakota Zone

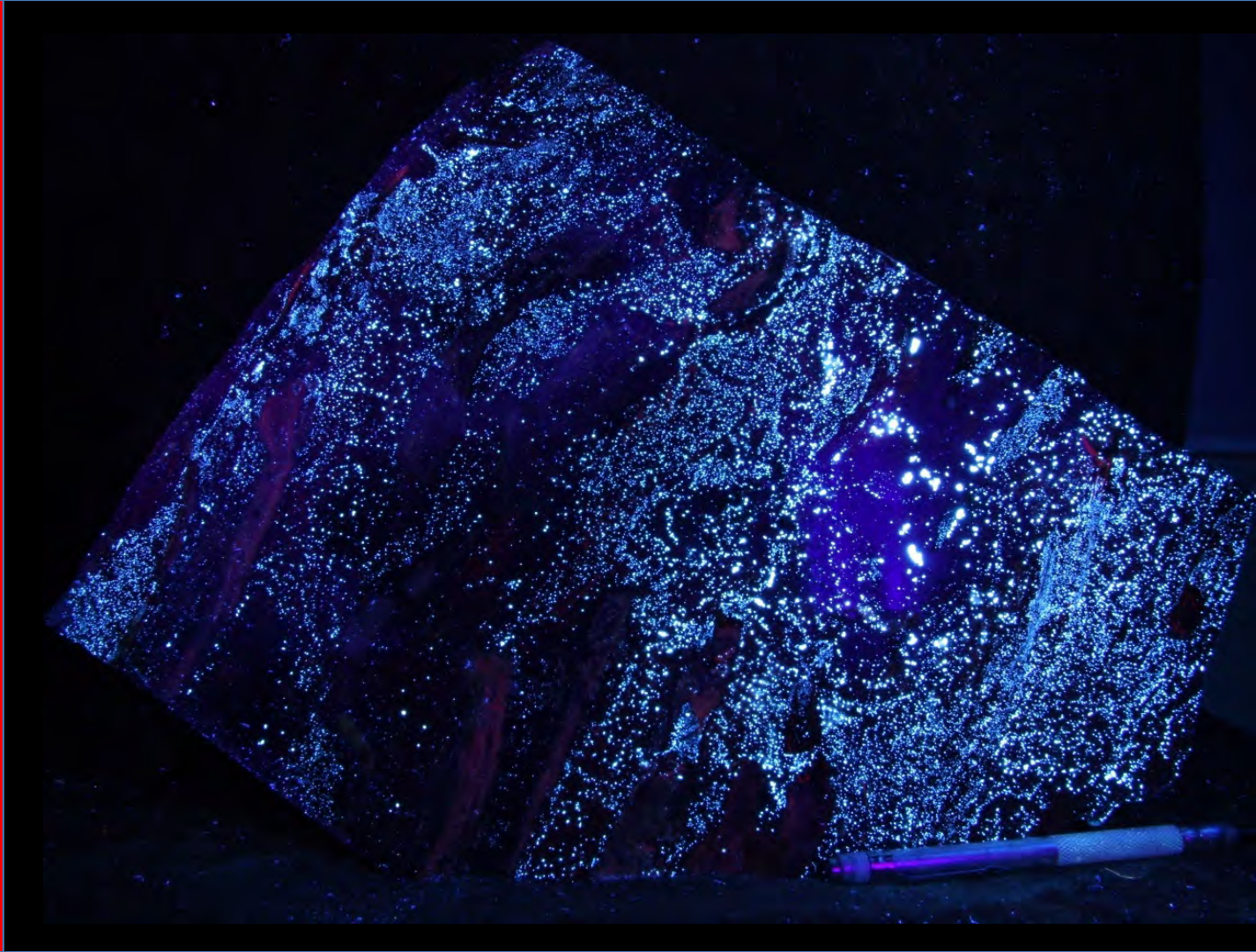
2014 – Updated 43-101 and Life of Mine

2015 – Shut down Care and Maintenance





Mine Geology



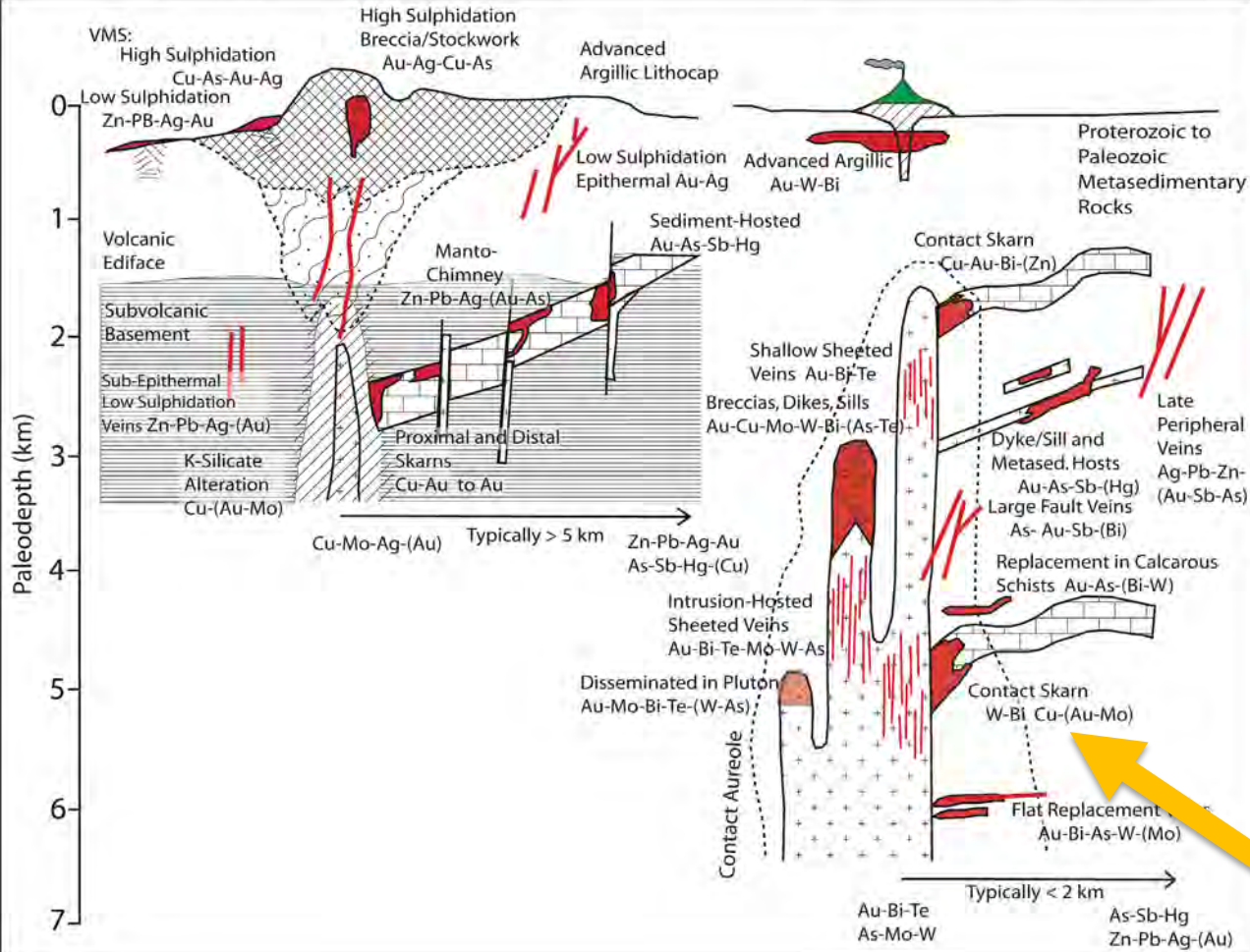
Mine Geology

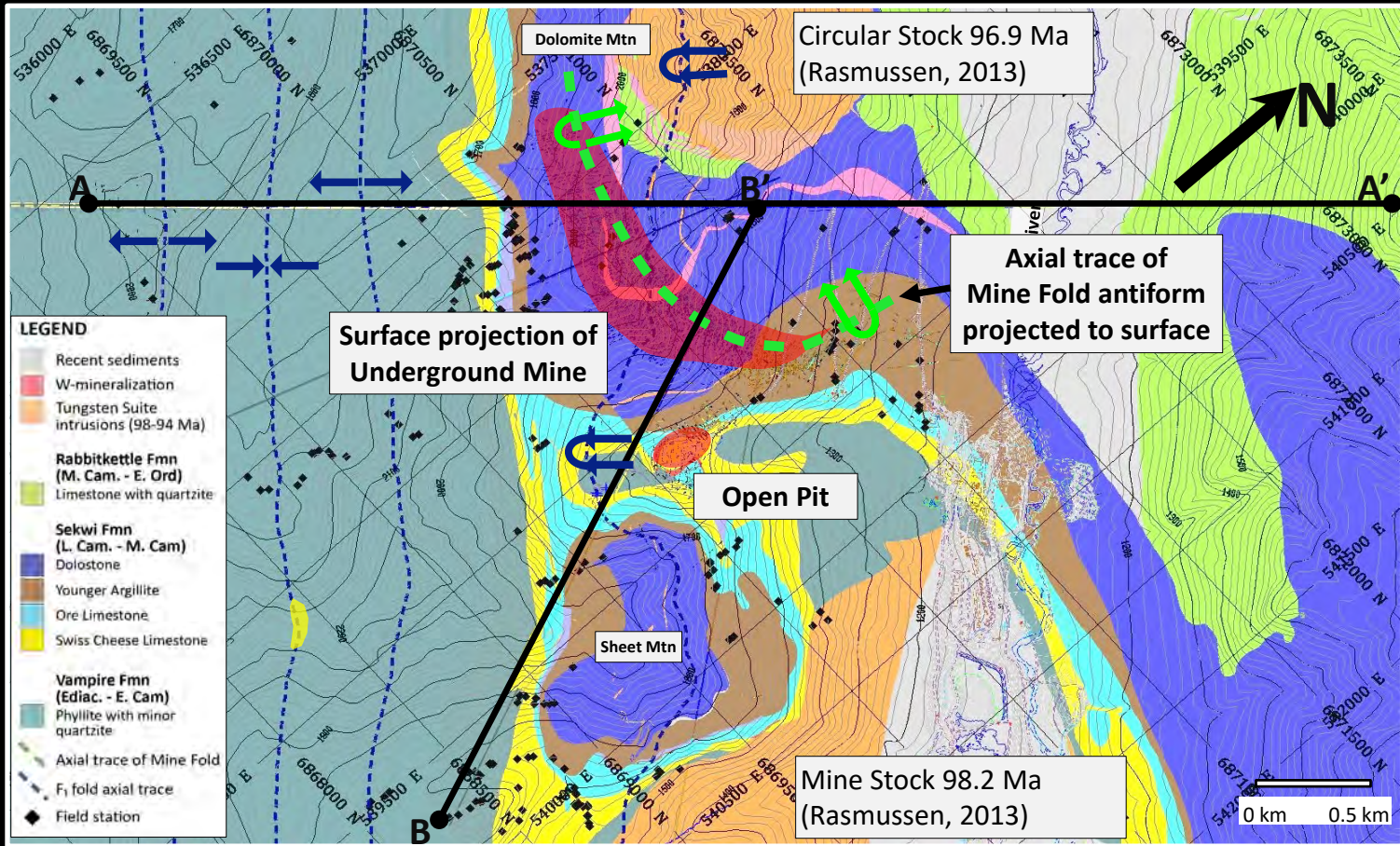


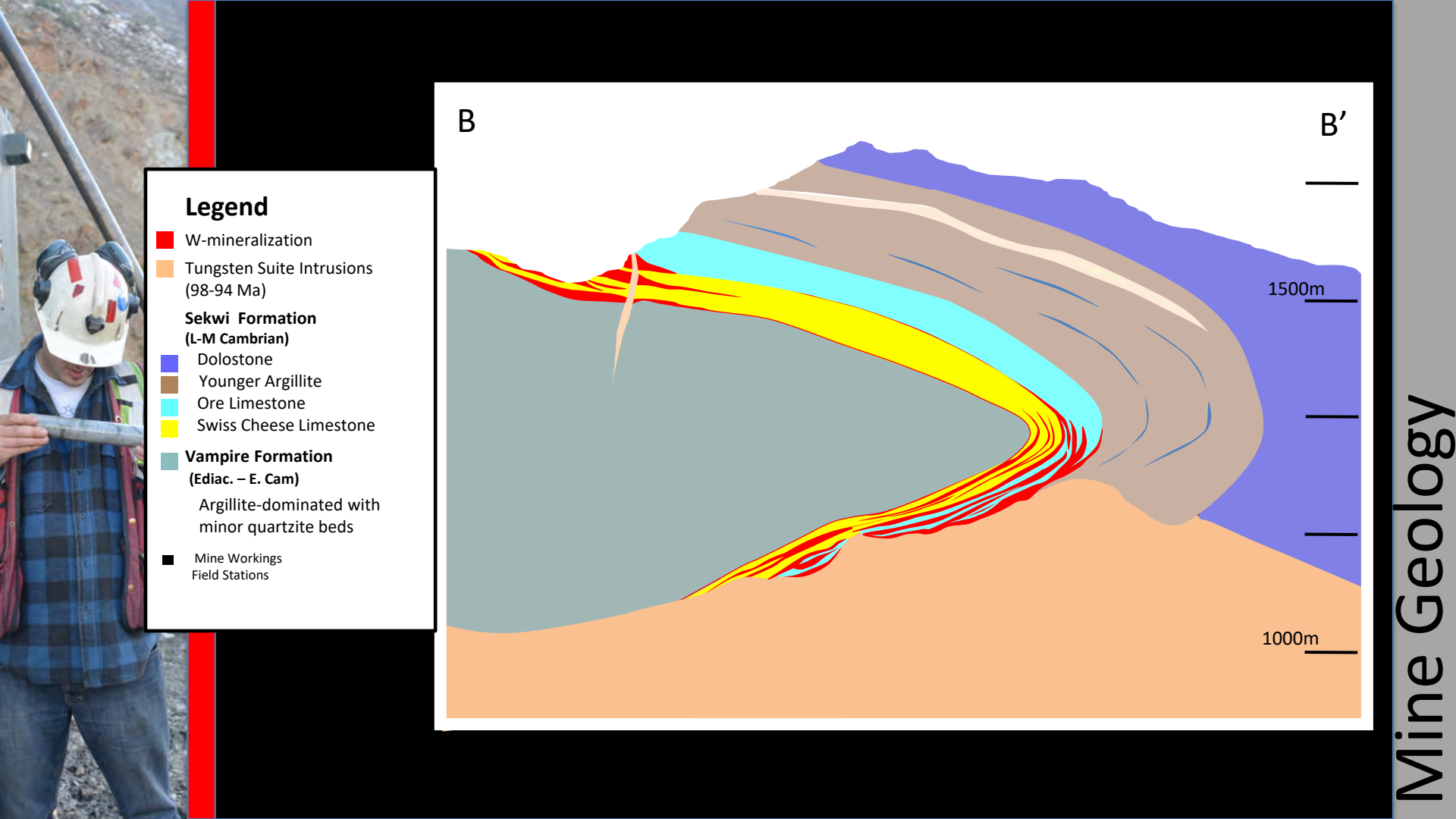


## Porphyry Base Metal Systems

## Intrusion-Related Gold Systems

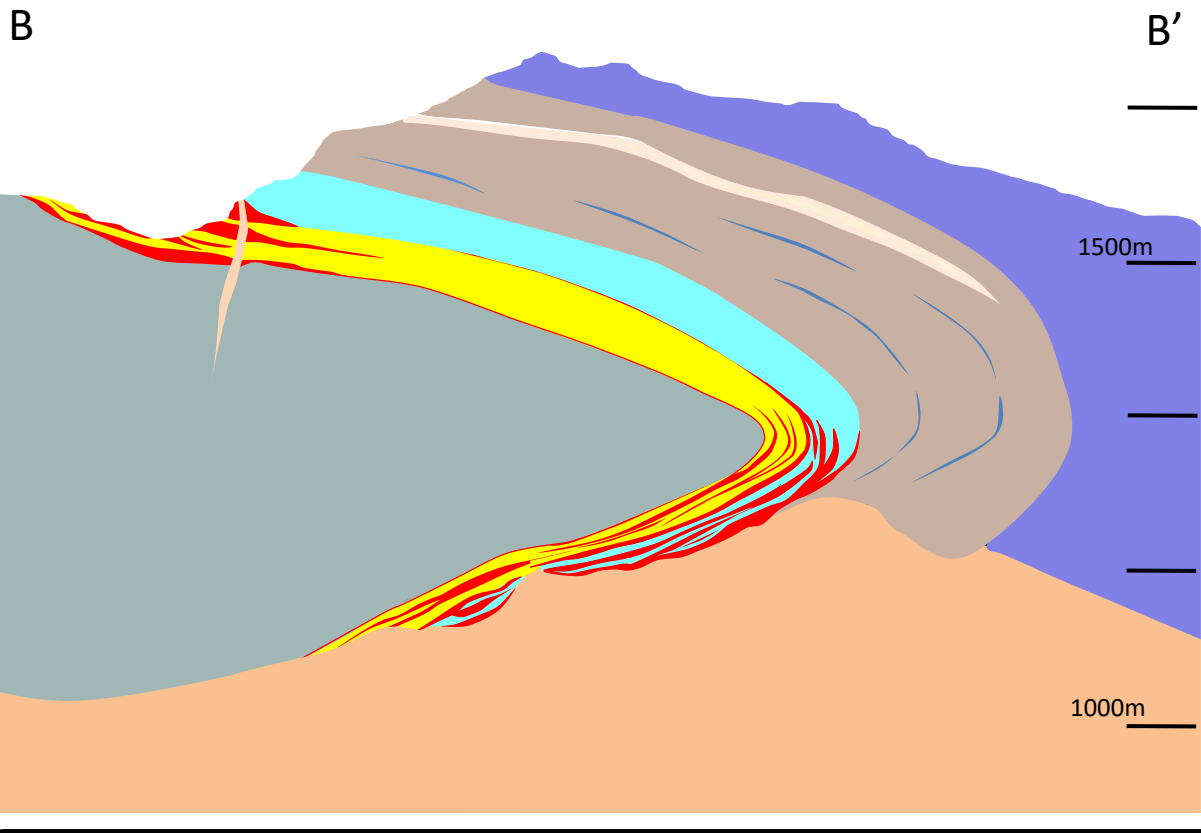






### Legend

- W-mineralization
- Tungsten Suite Intrusions (98-94 Ma)
- Sekwi Formation (L-M Cambrian)**
  - Dolostone
  - Younger Argillite
  - Ore Limestone
  - Swiss Cheese Limestone
- Vampire Formation (Ediac. – E. Cam)**
  - Argillite-dominated with minor quartzite beds
- Mine Workings Field Stations





Mine: Ore Types



Swiss cheese limestone



Ore limestone





The skarns associated with the metamorphosed limestone units may be divided into two main facies: garnet-pyroxene and pyroxene-pyrrhotite. Scheelite occurs predominantly with pyrrhotite in the pyroxene-pyrrhotite facies. In this facies, the scheelite content increases and grain size decreases with pyrrhotite content. Minor scheelite also occurs in the garnet facies, and is coarser grained than that of the pyrrhotite facies.

# Operations Snapshot

- ❑ Mill feed at approx. 1,300 tons per day
- ❑ Average grade of 0.85%  $WO_3$
- ❑ Recovery of 80%-83% -Last 3 months average is 81%
- ❑ Mill uptime of 97%
- ❑ Annual production of 275,000-310,000 MTUs
- ❑ Annual revenue of \$90,000,000-\$110,000,000
- ❑ Annual operating expenses of \$80,000,000-\$82,000,000

# 2014 Mineral Resource Estimates

| Classification | Tonnes    | %WO <sub>3</sub> | WO <sub>3</sub><br>Tonnes | mtu<br>(millions) |
|----------------|-----------|------------------|---------------------------|-------------------|
| Indicated      | 3,839,000 | 0.97             | 37,200                    | 3.7               |
| Inferred       | 1,370,000 | 0.80             | 10,960                    | 1.0               |

Notes:

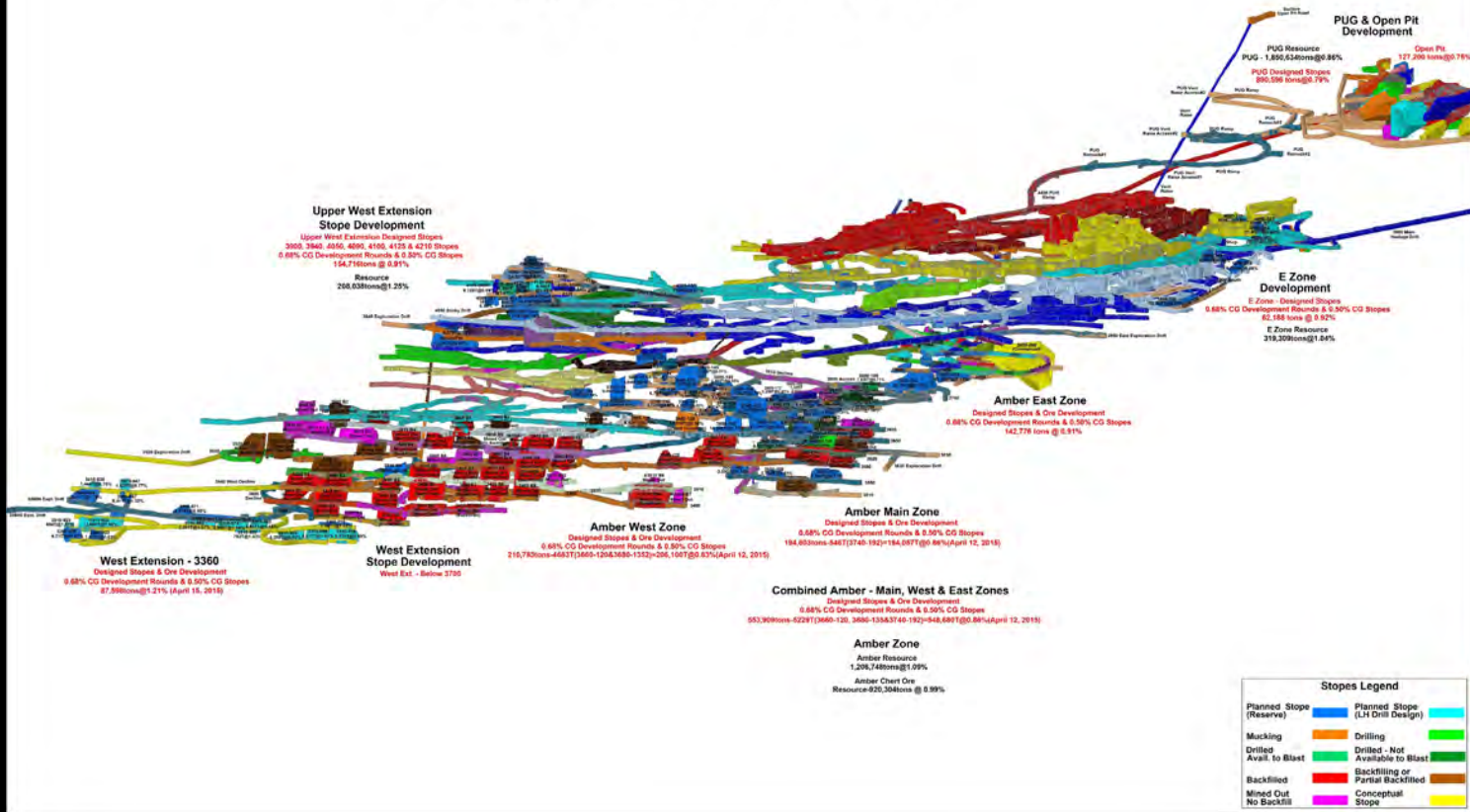
- CIM definitions were followed for mineral resources.
- Mineral resources are estimated at a block cut-off grade of 0.5% WO<sub>3</sub>.
- An mtu is 10 kg WO<sub>3</sub>.
- Differences in totals due to round-off.
- There are no measured mineral resources in the estimates.

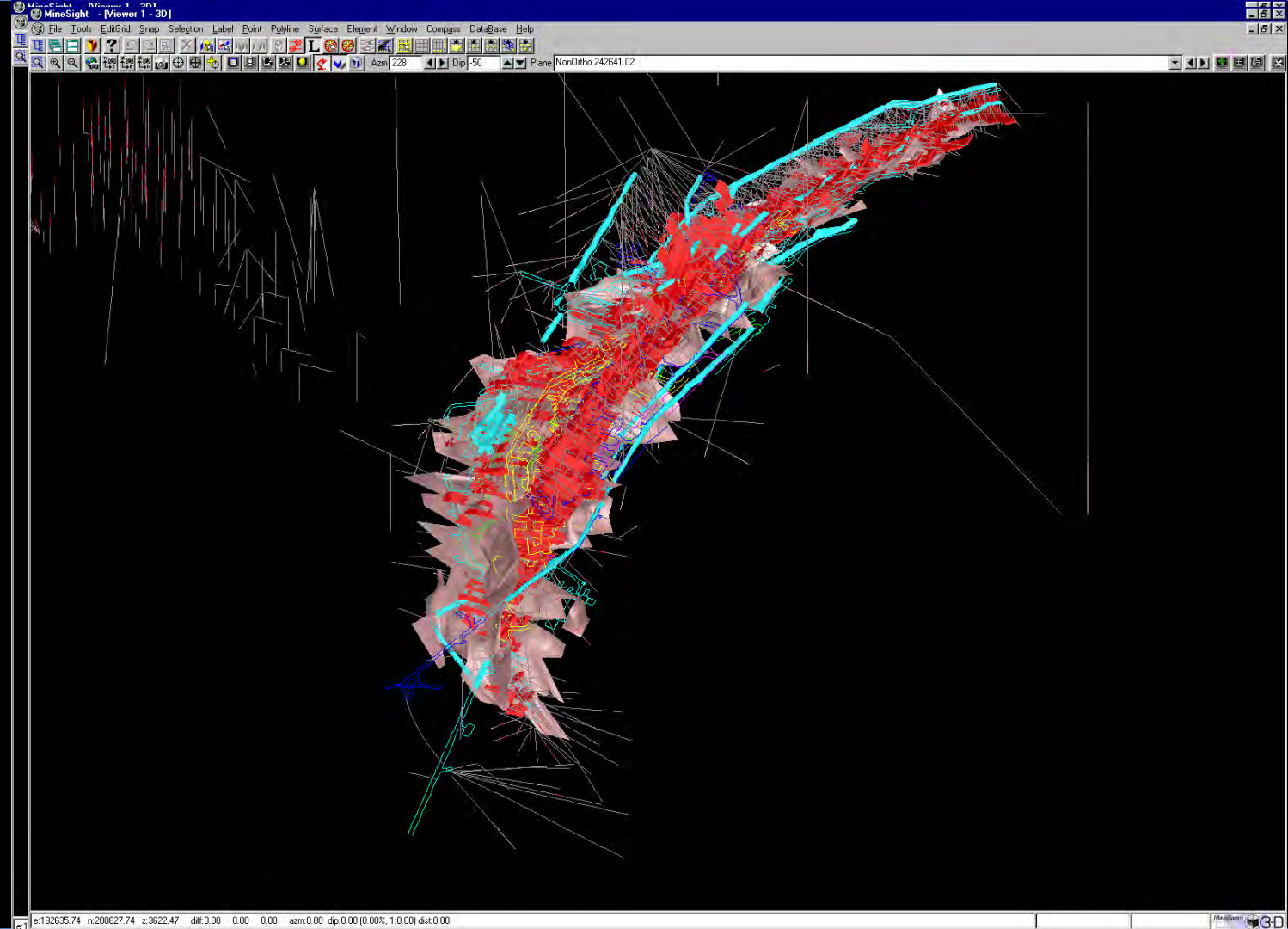
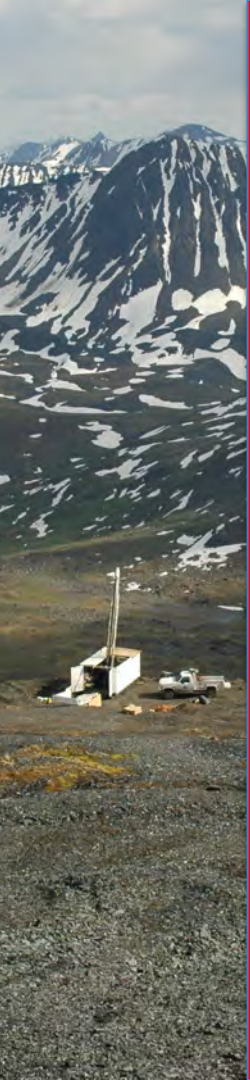
| Classification | Pit Underground |                  | Amber     |                  | Total     |                  |
|----------------|-----------------|------------------|-----------|------------------|-----------|------------------|
|                | Tonnes          | %WO <sub>3</sub> | Tonnes    | %WO <sub>3</sub> | Tonnes    | %WO <sub>3</sub> |
| Probable       | 8,588,000       | 0.80             | 2,202,000 | 0.85             | 1,818,000 | 0.81             |





# Cantung's Reserves/Resources





# Mineral Resources

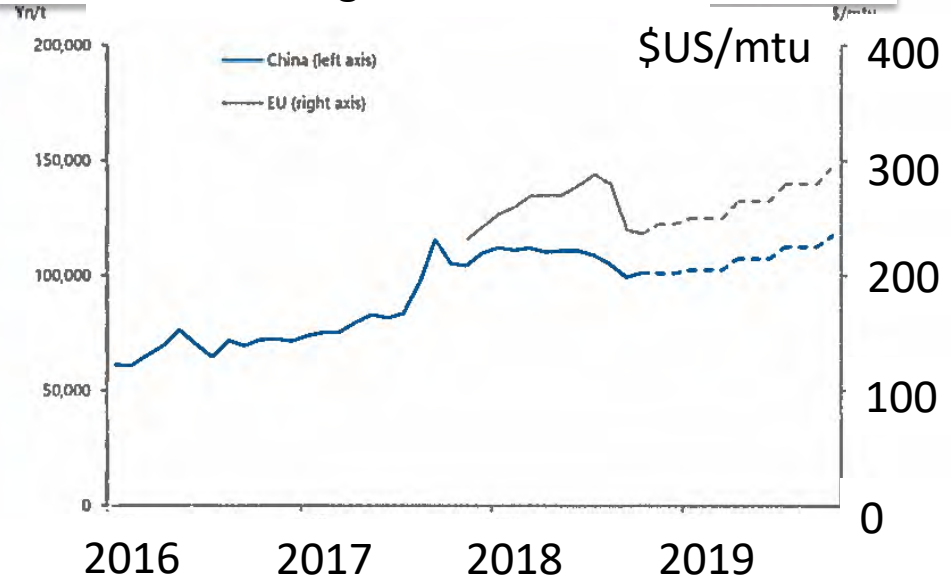


### Concentrates

Monthly average tungsten concentrate prices in China (65pc wolframite) rose by 2pc in October to 100,391-102,130 yuan/t (\$14,505-14,760/t), while the average in early November was Yn100,000-102,000/t, down by 0.3pc. Argus' European tungsten concentrate quote averaged \$225.22-248.26/mtu in October, down by 1pc, then rose to \$230.00-260.00/mtu in early November.

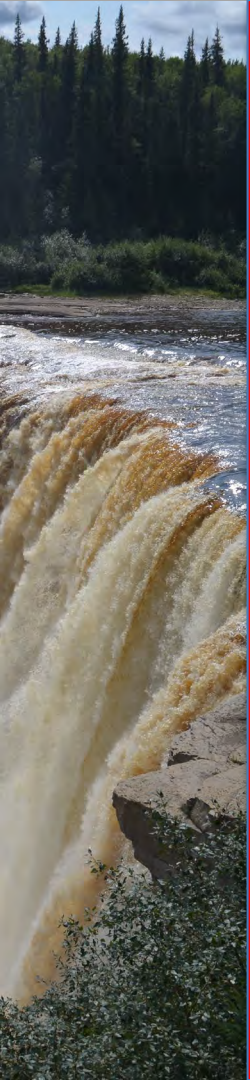
**OUTLOOK: Steady**

### Chinese tungsten concentrate

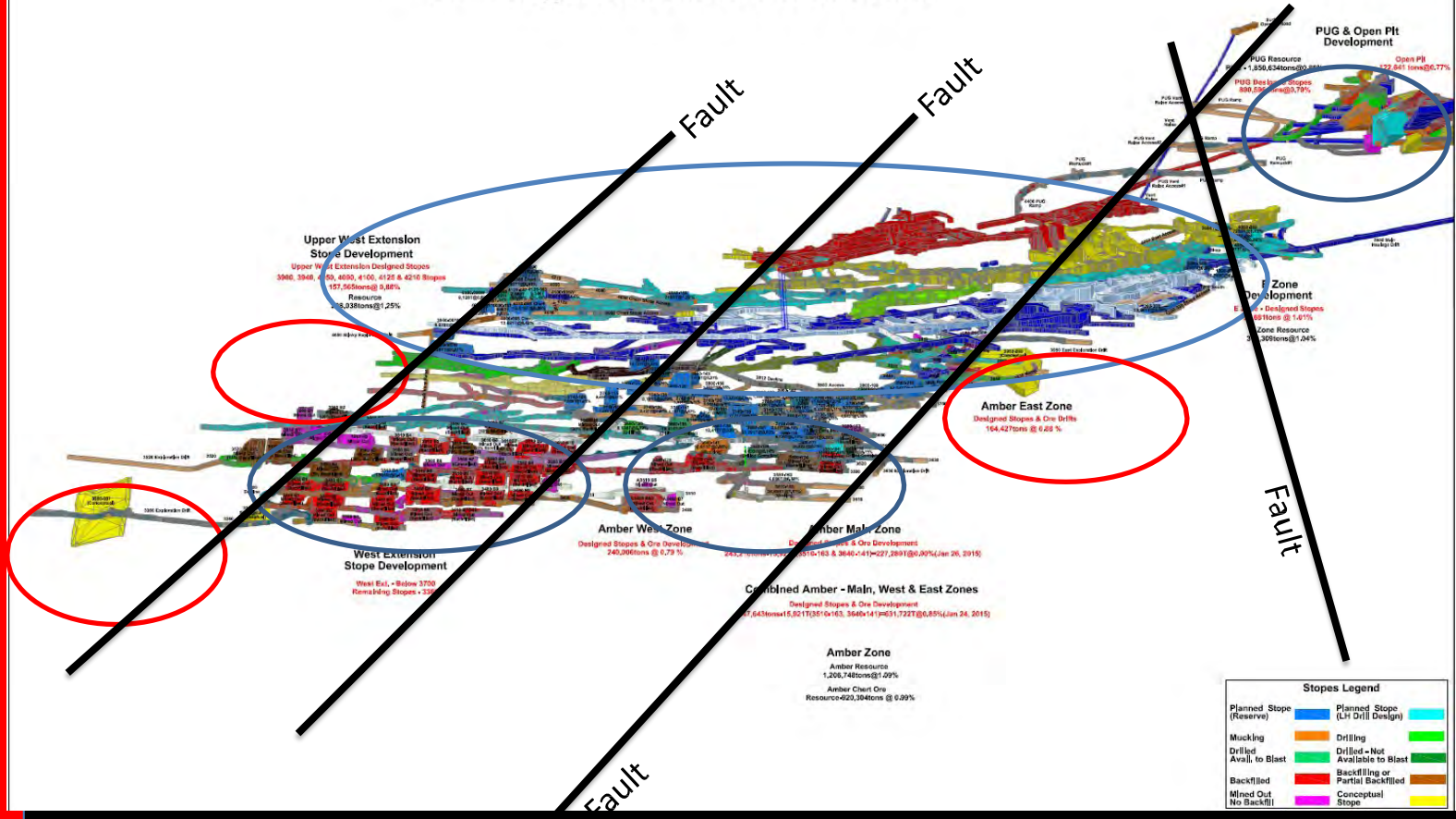


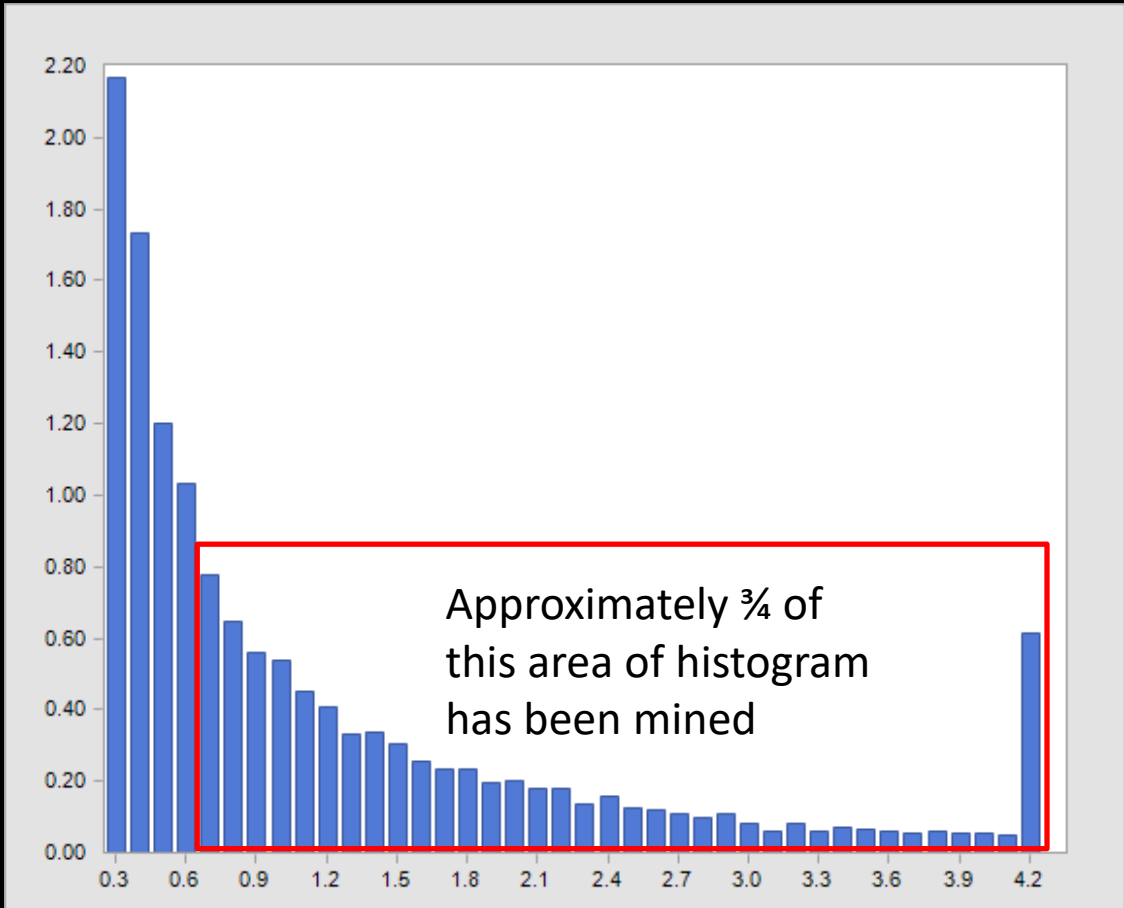
“The Mine has operated successfully in the past; however, it should be noted that Cantung has experienced numerous shutdowns during periods of low tungsten prices.

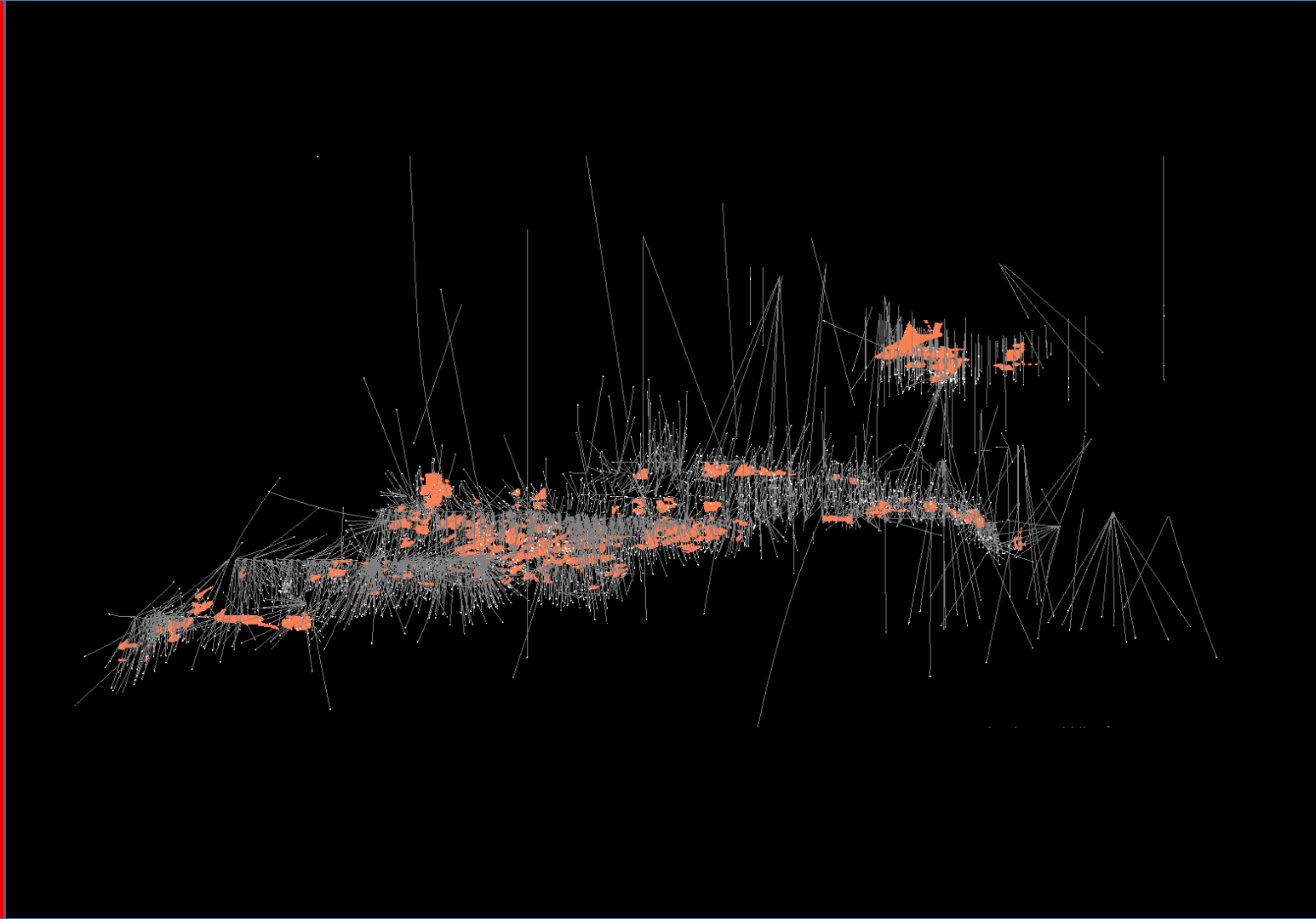
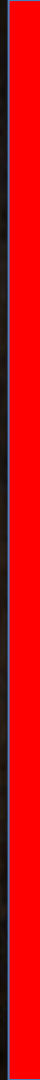
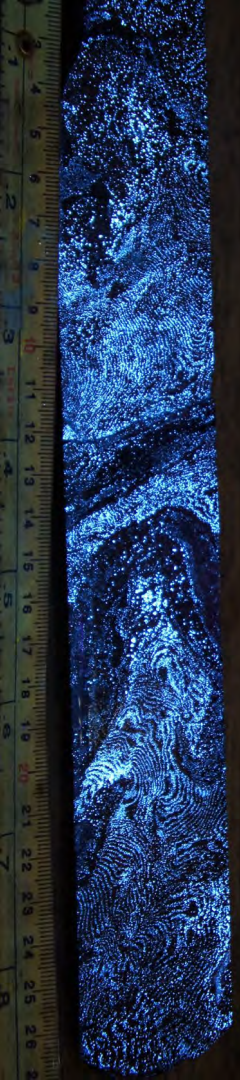
In NATCL’s opinion, the key risk to mine profitability lies in tungsten price sustainability, USD/CDN exchange rates, metallurgical recoveries, mine head grades over the remainder of the mine life, risks associated with mining and downturns in the World Economy.” (Delaney and Bakker, 2014)



# Cantung's Reserves/Resources

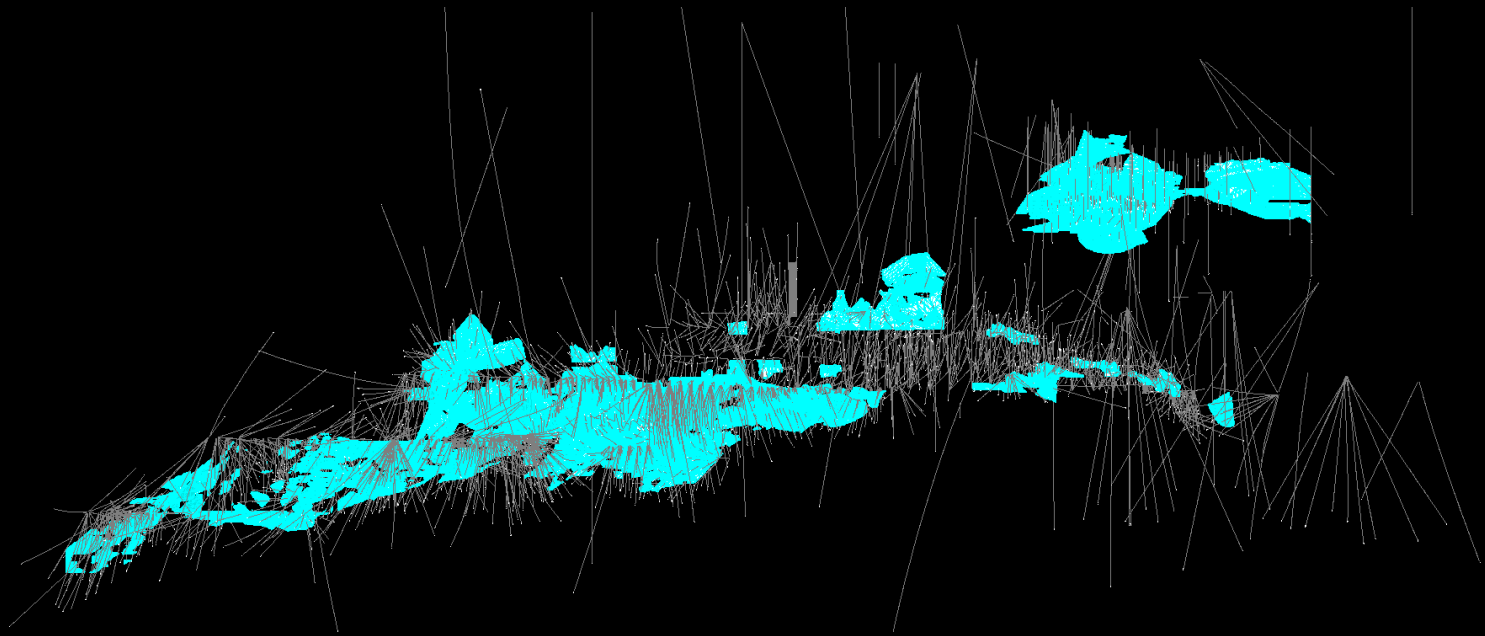


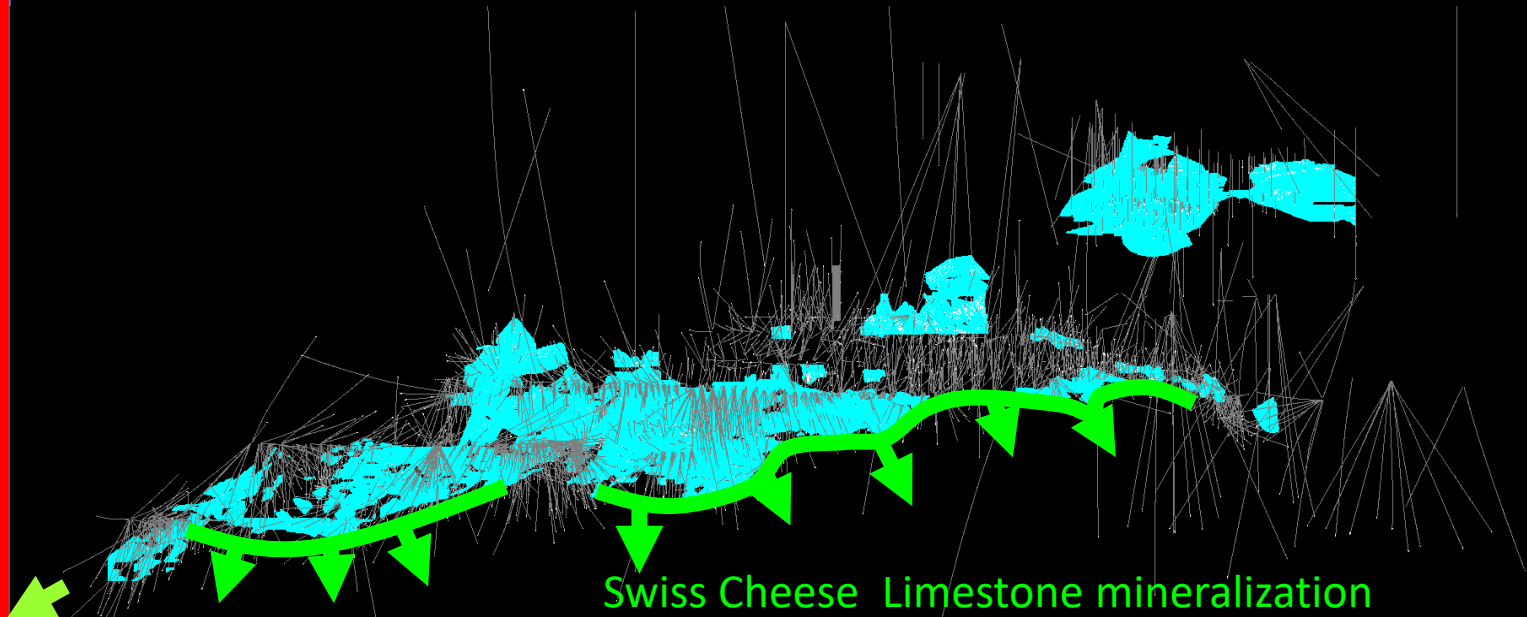




Exploration Prospects

Pit/PUG Gradeshell with 5ft x 5ft x 5ft Blocks: ~ 3 Mt @  
0.3% WO<sub>3</sub> cut-off hosted mainly in Swiss Cheese Limestone





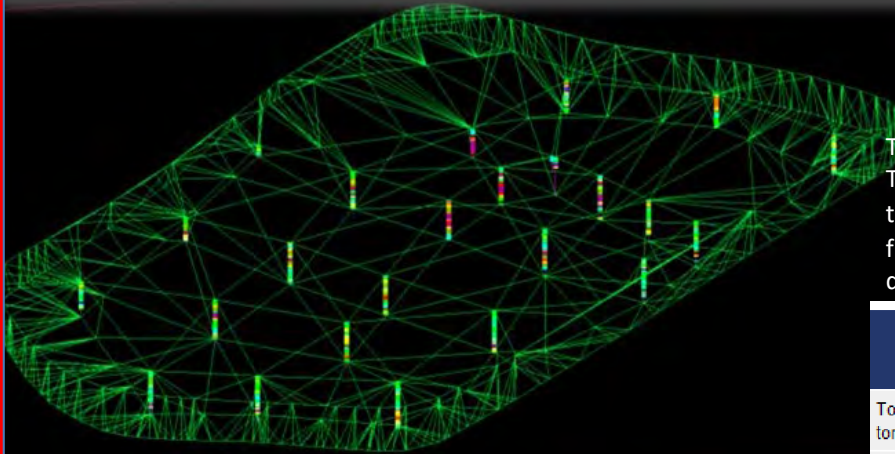
Ore Limestone mineralization still open to the SW

Swiss Cheese Limestone mineralization still open to the South





Mine Site

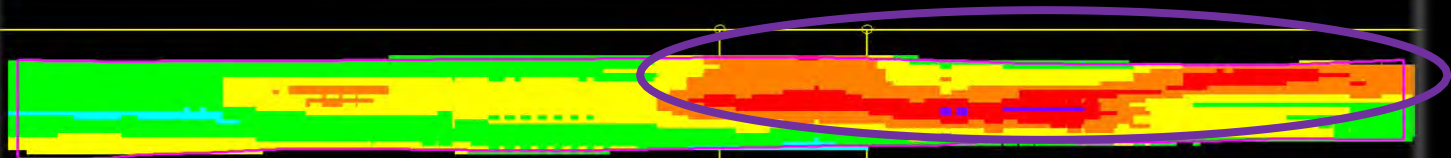


# Tailings Pond 3

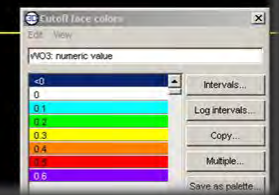
NATCL Release March 03, 2013

The potential quantity and grades are conceptual in nature. There has been insufficient exploration and metallurgical testing to define a mineral resource and it is uncertain if further exploration and metallurgical testing will result in the delineation of a mineral resource.

|                      | TP3 Calculated 2011/2012<br>(includes all material from 1971-2007) | TP3 Historical Statistics<br>(1974-2006) |
|----------------------|--|--|
| Tonnage (short tons) | 3,700,000 to 4,100,000   | 3,924,437                                |
| %WO <sub>3</sub>     | 0.29 - 0.35  | 0.31                                     |
| % Cu                 | 0.24 - 0.28  | Not available                            |
| Au (g/short ton)     | 0.27 - 0.33  | Not available                            |



>0.4 % WO<sub>3</sub>



Tailings Characterization



**Potential for up to 5.4M to 6.6M tons  
@ 0.28%- 0.32% WO<sub>3</sub> and 0.24% to 0.28% Cu**

TP#3 3.7 to 4.1 million tons

TP#4 1.3 to 1.8 million tons

TP#1,2 0.4 to 0.6 million tons of tailings

Grades based on mill reports and expected to be similar to TP#3

- **Upgrading of Scheelite Flotation Circuit**
- **Disposition of reprocessed tailings in Dry Stack Facility**
- **Reduction in reclamation costs**

