

## **Forward-Looking Statements**

Except for historical information, this presentation may contain certain “forward-looking statements”. These statements may involve a number of known and unknown risks and uncertainties and other factors that may cause the actual results, level of activity and performance to be materially different from the expectations and projections of Globex. No assurance can be given that any events anticipated by the forward-looking information will transpire or occur, or if any of them do so, what benefits Globex will derive therefrom. A detailed discussion of the risk factors relating to Globex is available in Globex’s Annual Information Form, available at [www.sedar.com](http://www.sedar.com).

# At Home in North America



# Globex Mining Enterprises Inc.

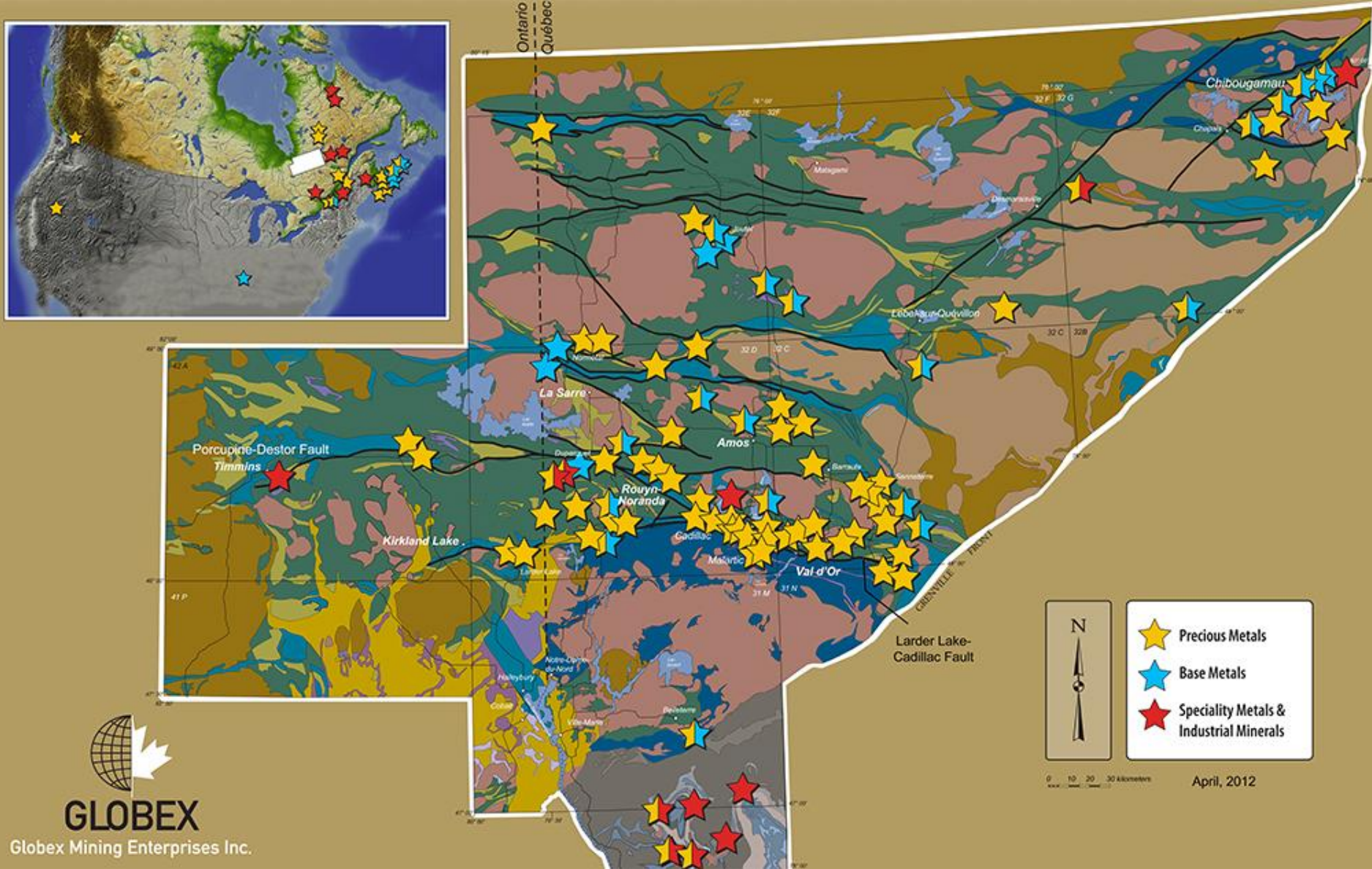
- Shares Issued      24,098,378 (no rollbacks)
  - Fully Diluted      26,326,278
- 
- Funds available for exploration
  - No debt
  - Own 100% of its property interests
  - Works in North America principally Quebec, Ontario, Nova Scotia and New Brunswick
  - Board of Directors – 4 senior geologists and 1 mining accountant

# Globex Mining Enterprises Inc.

## LISTINGS:

Toronto Stock Exchange	Canada	GMX
Frankfurt Stock Exchange	Germany	G1M
Berlin Stock Exchange	Germany	G1M
Stuttgart Stock Exchange	Germany	G1M
Munich Stock Exchange	Germany	G1M
Xetra Stock Exchange	Germany	G1M
OTCQX International	U.S.A.	GLBXF

# Diversified Mineral Holdings: Abitibi Geological Belt



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# Mineral Diversification Today for the Future

## PRECIOUS METALS



<b>Au</b>		Gold
<b>Ag</b>		Silver
<b>Pt</b>		Platinum
<b>Pd</b>		Palladium
<b>Os</b>		Osmium
<b>Ir</b>		Iridium

## BASE METALS



<b>Cu</b>		Copper
<b>Zn</b>		Zinc
<b>Ni</b>		Nickel
<b>Pb</b>		Lead

## SPECIALTY METALS



<b>REE</b>		Rare Earths
<b>Fe</b>		Iron
<b>Mn</b>		Manganese
<b>Mo</b>		Molybdenum
<b>U</b>		Uranium
<b>F</b>		Fluorine
<b>Li</b>		Lithium
<b>Hf</b>		Hafnium
<b>Ce</b>		Cerium
<b>Zr</b>		Zirconium
<b>Y</b>		Yttrium
<b>Nb</b>		Niobium

## INDUSTRIAL MINERALS



<b>Mg</b>		Magnesite
<b>Talc</b>		Talc
<b>Mica</b>		Phlogopite Mica
<b>Apa</b>		Apatite



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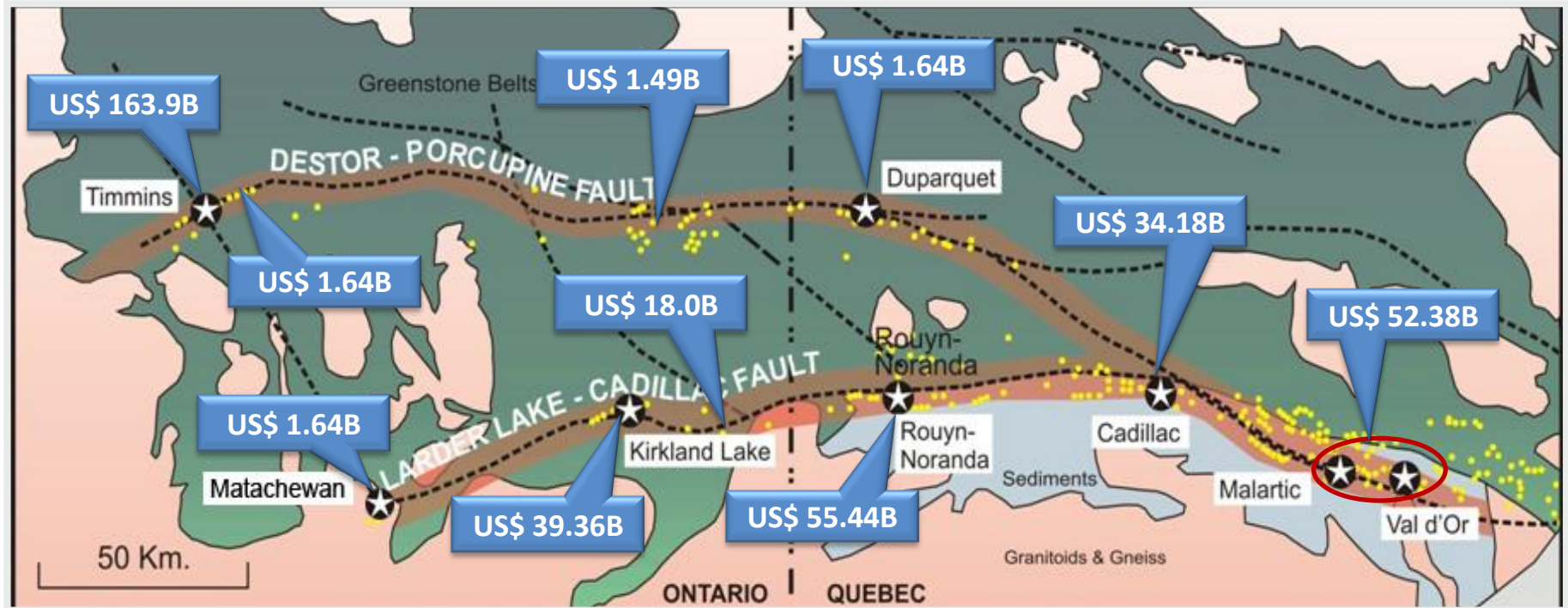
<b>111</b>	Properties
<b>64</b>	Precious Metal - Gold, Silver, Platinum, Palladium
<b>35</b>	Base Metals and Polymetallic - Copper, Zinc, Gold, Silver, Lead, Nickel
<b>12</b>	Specialty Metals and Minerals - Iron, Lithium, Magnesium Oxide, Manganese, Mica, Molybdenum, Rare Earth, Talc, Uranium
<b>20</b>	Royalties
<b>11</b>	Active options (+ 2 in process) <ul style="list-style-type: none"> <li>• Cash payments</li> <li>• Share payments</li> <li>• Exploration &amp; development expenditures</li> <li>• Gross metal royalty</li> </ul>
<b>49</b>	Historical or NI 43-101 resources

Note: Some properties have been combined due to proximity or infill staking

# Historical Value of production in US\$

Southern Abitibi Quebec & Ontario

## Total: US\$ 370.7 Billion



**Au** 166.61 million oz

**Ag** 635.8 million oz

**Zn** 28.0 billion lb

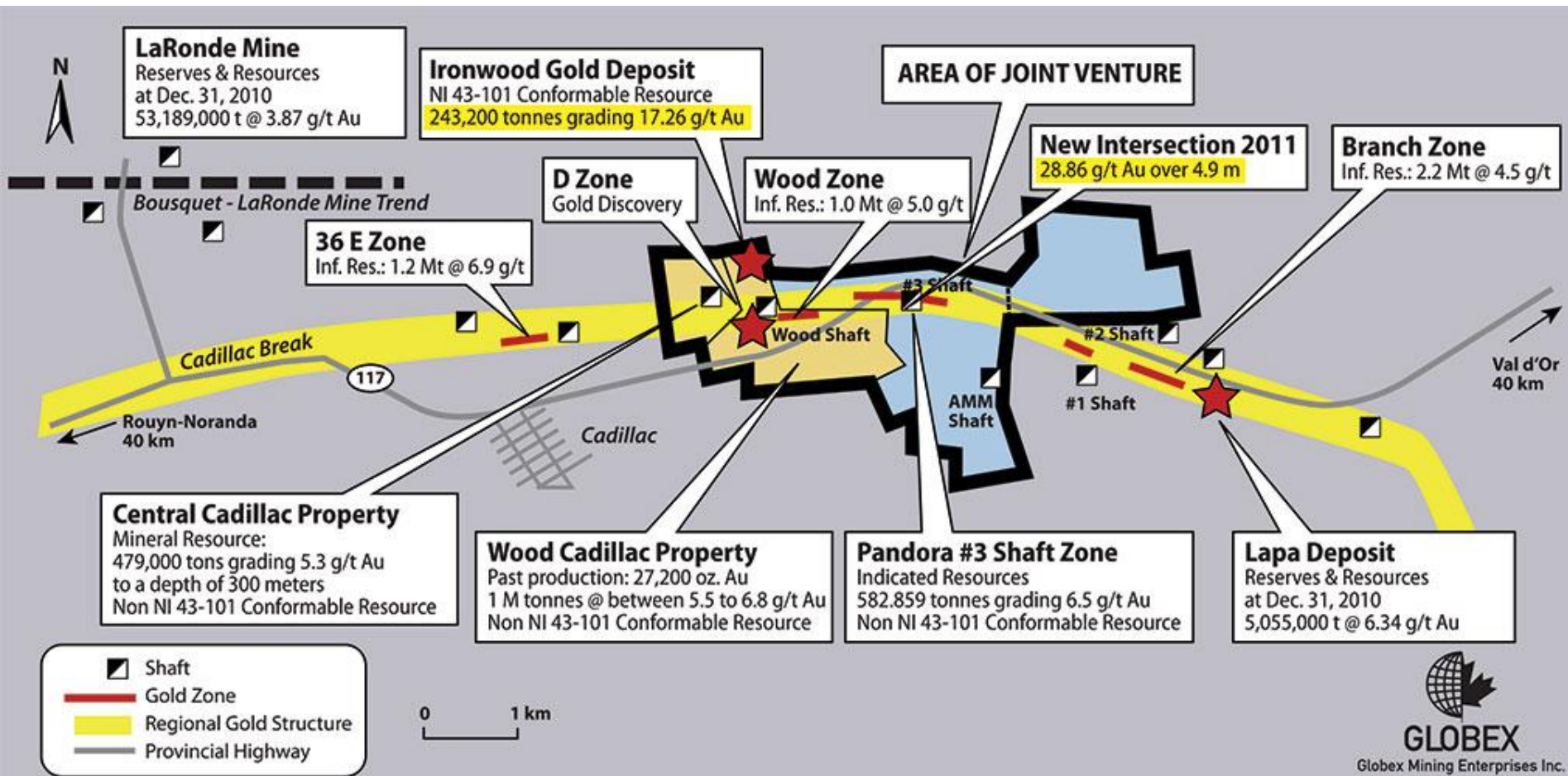
**Cu** 14.5 billion lb

### Metal Prices Used in Calculations

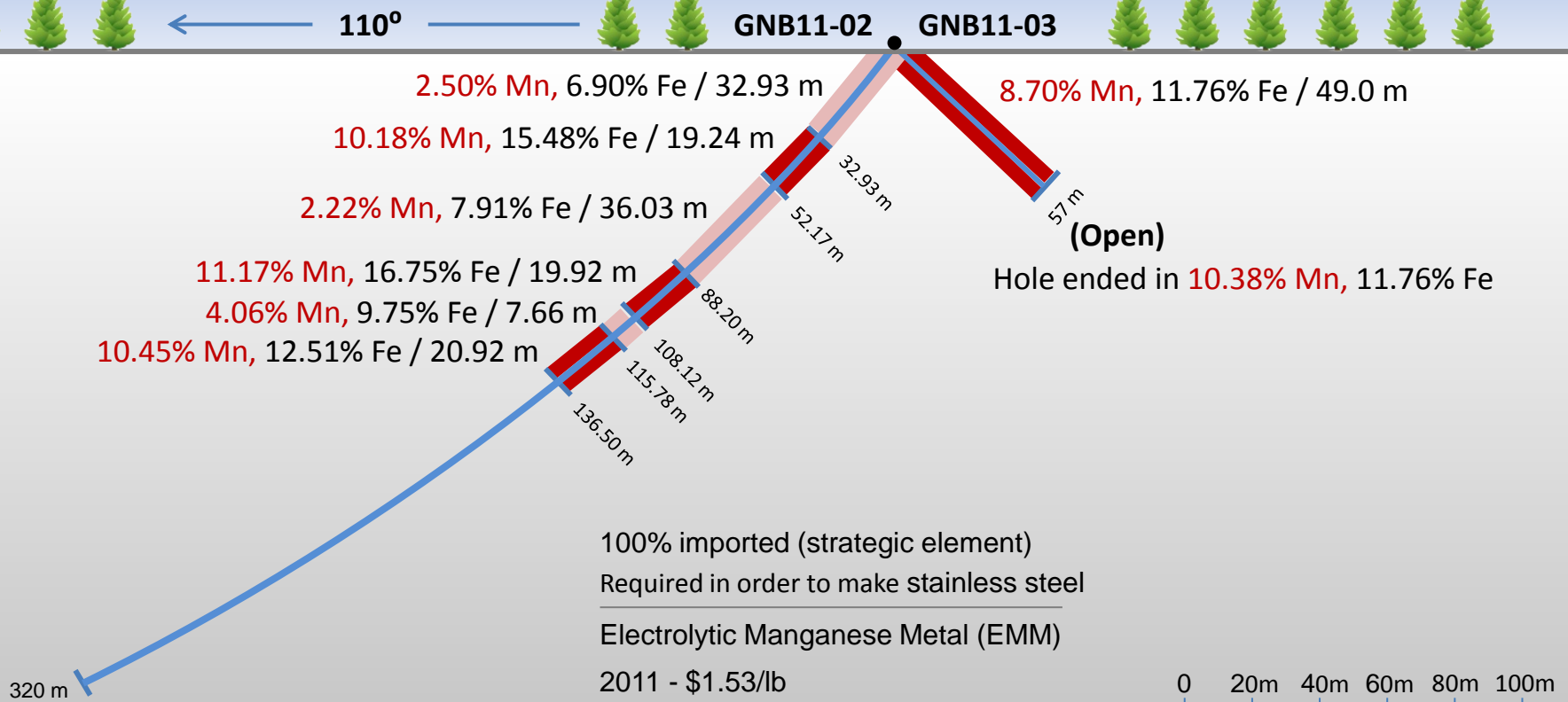
Au	\$	1640.00/oz	Zn	\$	0.88/lb
Ag	\$	30.00/oz	Cu	\$	3.60/lb



# Cadillac Gold Camp (Wood – Pandora Joint Venture)



# Iron Hill – Manganese/Iron Deposit 21 J 04 (Woodstock, N.B.)



100% imported (strategic element)  
 Required in order to make stainless steel  
 Electrolytic Manganese Metal (EMM)

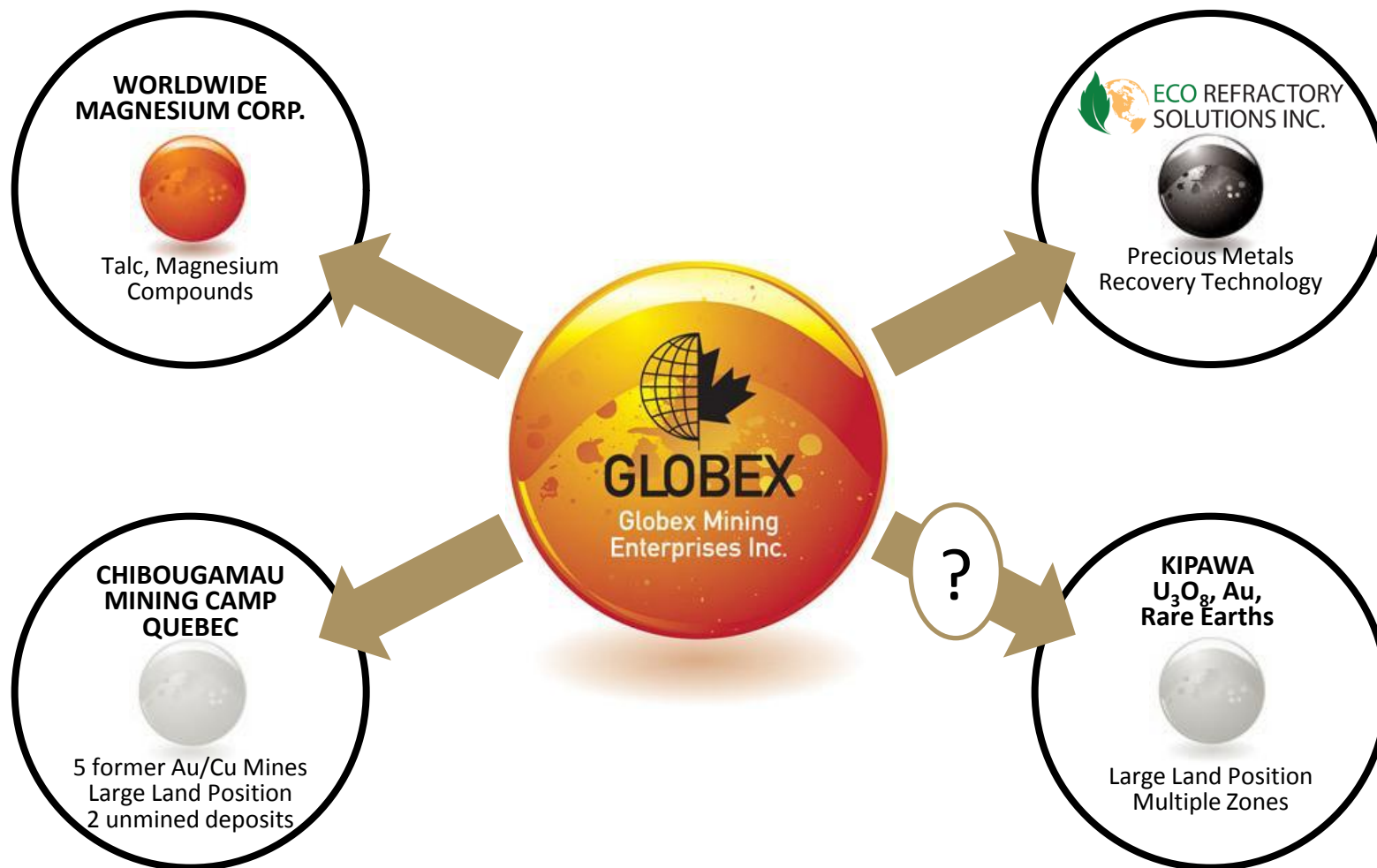
2011 - \$1.53/lb

2012 – Projected \$2.30/lb

Demand projected to increase 131,000 tpa



# Realization of True Value – Spin-outs?



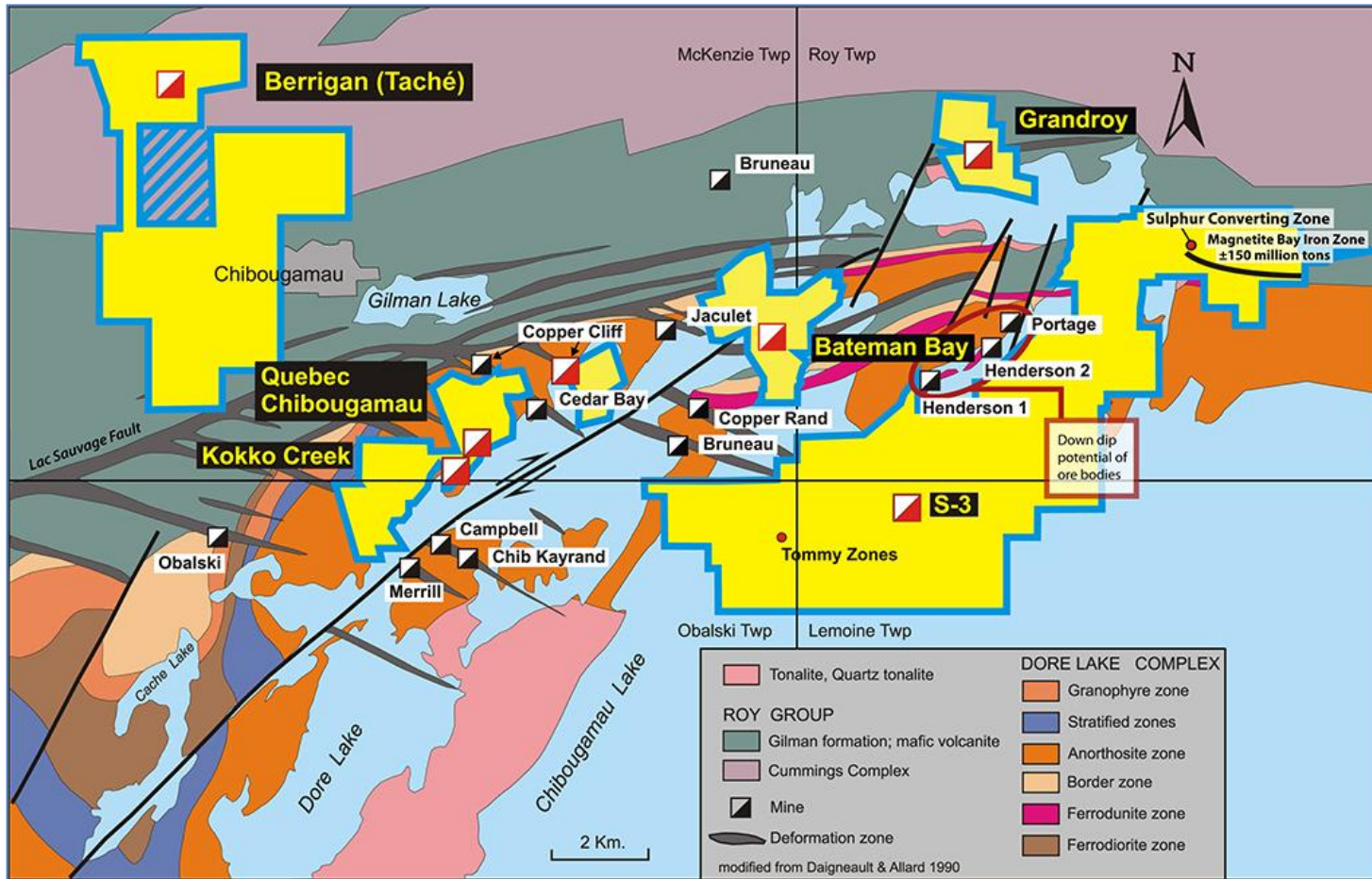
# Chibougamau Independent Mines Inc.

## CHIBOUGAMAU MINING CAMP QUEBEC



- Dominant position in the Chibougamau Mining Camp
- 5 former copper-gold mines
- Down dip of 3 large copper-gold deposits
- 2 unmined deposits (Au, Ag, Zn - Berrigan) & (Cu, Au – Bateman Bay)
- 1 iron/titanium deposit
- Several partially defined copper-gold zones
- Large exploration land package with numerous targets

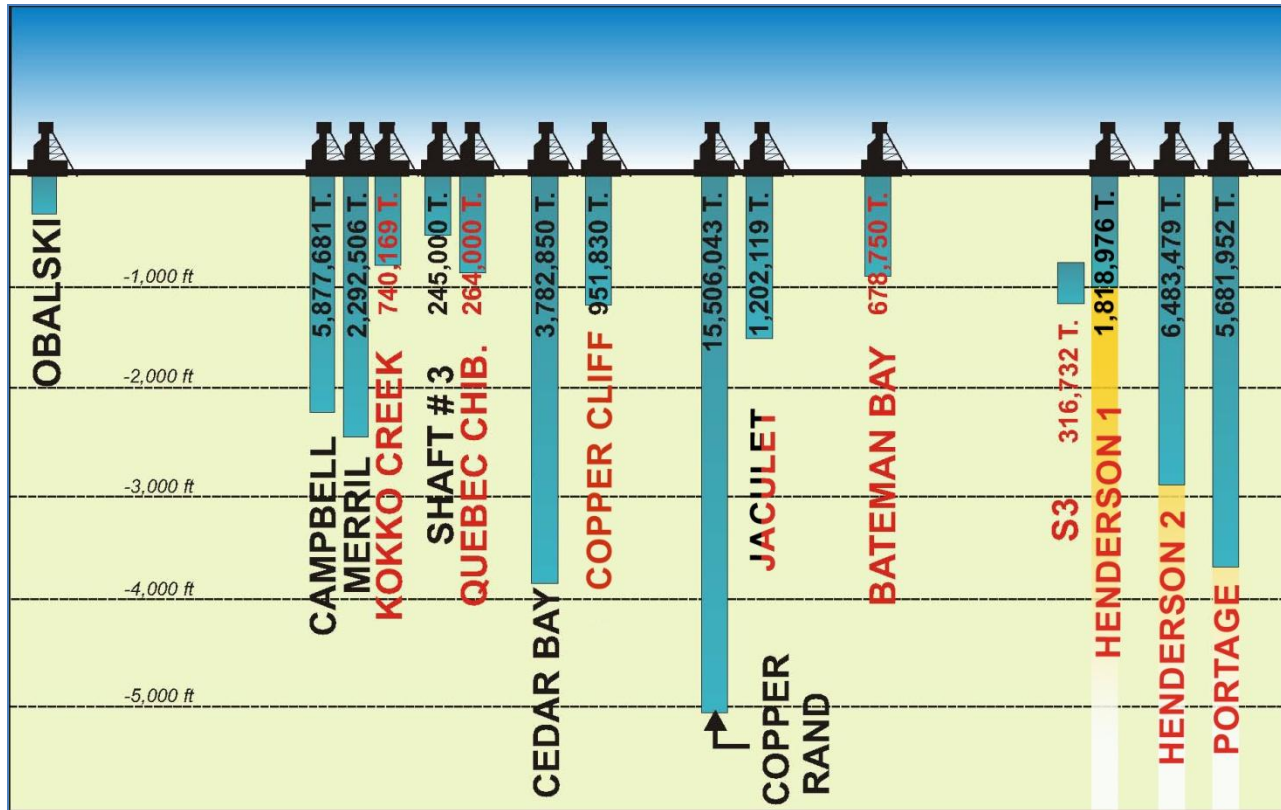
# Geological Map of Chibougamau Area



## Chibougamau Independent Mines Inc.

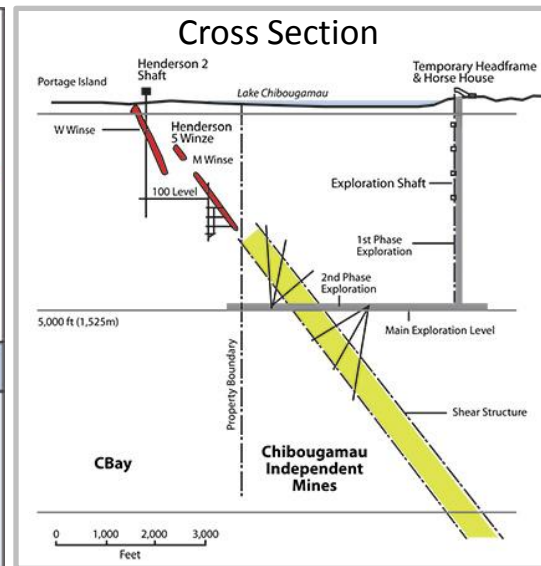
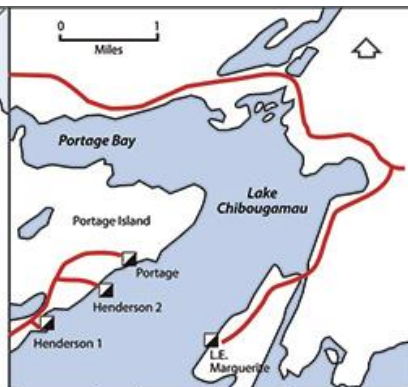
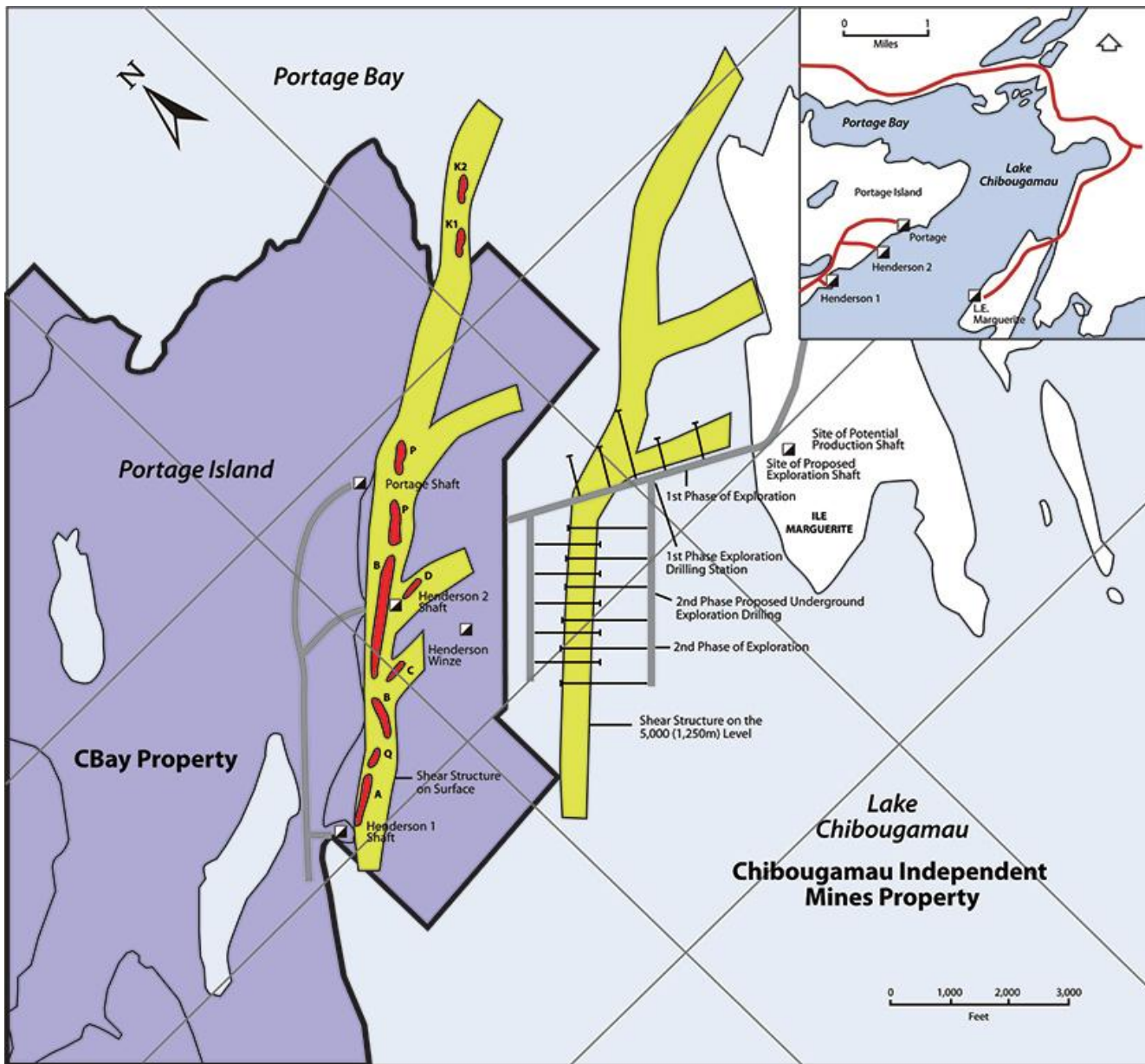
Lemoine, Obalski,  
McKenzie & Roy  
Townships, Quebec  
32 G/16

# Doré Lake Complex (Copper-Gold)



Longitudinal Section – Chibougamau area, Quebec

# Henderson-Portage Shear Plan Map with Depth Projection & Cross Section (per Westminer)



## Henderson I - Total Ore Extracted

1960–1971

1,818,976 T @ 2.23% Cu, 0.045 oz/t Au

## Henderson II - Total Ore Extracted

1960–1988

6,483,479 T @ 1.60% Cu, 0.041 oz/t Au

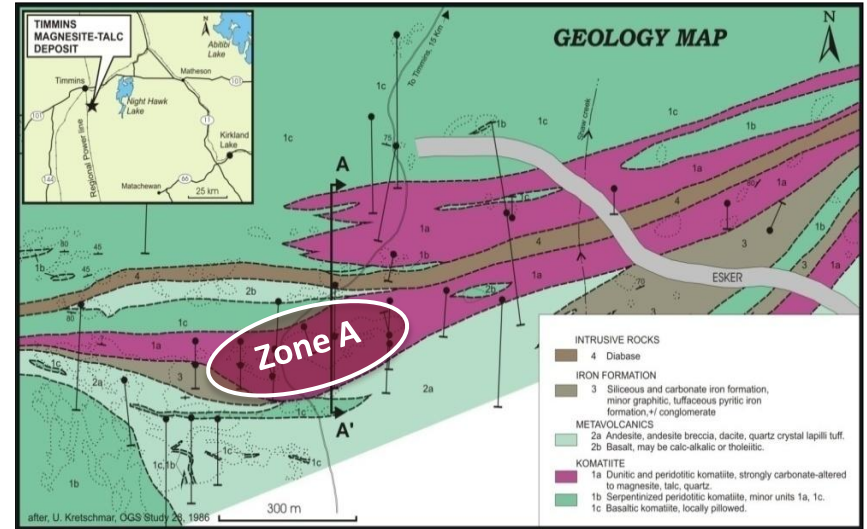
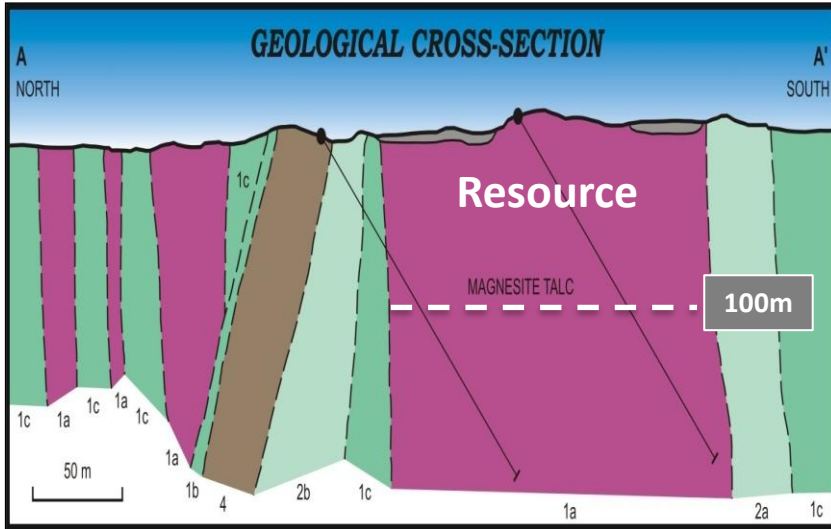
## Portage Mine - Total Ore Extracted

1959–1997

6,212,934 T @ 1.77% Cu, 0.114 oz/t Au

- Mine package forms a single multi-lensed orebody stretching along a broad NE-striking shear with > 1 mile of strike
- Portage Mine mined to a depth of 3,600 feet
- Westminer planned to explore and develop to 5000-foot depth

# Timmins Talc-Magnesite Project



Resource Category - Zone A	Tonnage (t)	Magnesite (%)	Talc (%)
Indicated	12,728,000	52.1	35.4
Inferred	18,778,000	53.1	31.7

## 20 year Preliminary Economic Assessment

- |                            |                        |                   |                          |
|----------------------------|------------------------|-------------------|--------------------------|
| • Magnesium Oxide (MgO)    | > 94.8% Recovery       | • Size Potential  | + 100 M. Tonnes          |
| • Talc                     | > 70.8% Recovery       | • Life            | + 60 years (Zone A only) |
| • Annual Tonnage Processed | 500,000 tonnes         | • Mining Method   | - Open Pit               |
| • Total Sales (Gross)      | > \$2,578,000,000 Cdn. | • MgO Purity      | + 98%                    |
| • Pre-Production Cap Ex    | > \$268,400,000 Cdn.   | • Talc Brightness | 93-95                    |
| • Price (MgO)              | > \$570/t Cdn.         | • After Tax IRR   | 20%                      |
| • Price (Talc)             | > \$500/t Cdn.         |                   |                          |

Projections based upon Micon International Limited PEA Report April 16, 2012





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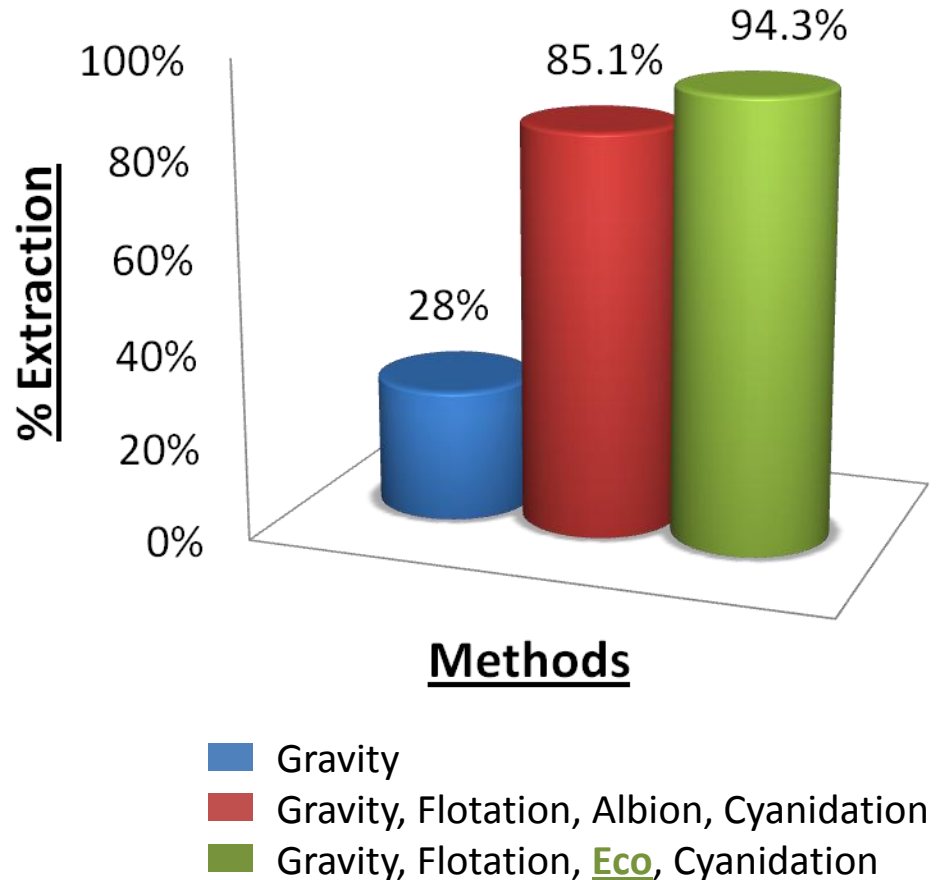
- Globex has 75 % interest and management
- Worldwide application of hydrometallurgical technology
- Gold recoveries of up to 98%
- Stabilizes arsenic residues
- Oxidizes sulphides in residues
- Low capital costs
- Low operating costs
  - No fine grinding
  - Recyclable reagents
- Extremely environmentally friendly

# Client # 1: Eco Refractory Solutions

## Method Benefits

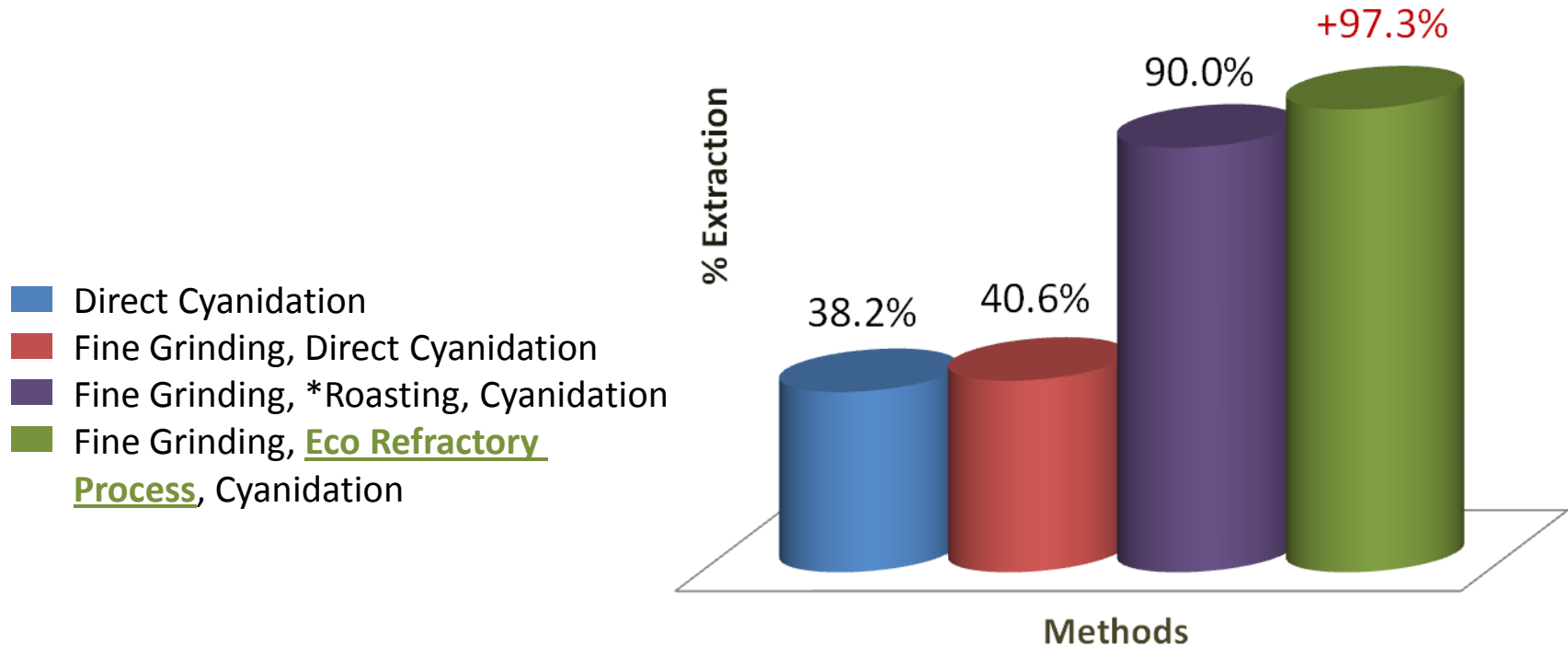
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- Lower Capital Cost
- Lower Operating Cost
  - No fine grind necessary
- Lower Energy cost
  - Does not require pressure leach (autoclave)
- Better Recoveries
- Environmentally Friendly
  - Arsenic Stabilized
  - Sulphides Oxidized
  - Faster Permitting



# Client # 2 – Eco Refractory Solutions

- Large Tonnage, Low Grade, Open Pittable Gold Ore
- Refractory Ore – Fine Gold in Pyrite Lattice



\*Roasting requires high capital costs and energy consumption while creating numerous potentially dangerous and expensive environmental problems

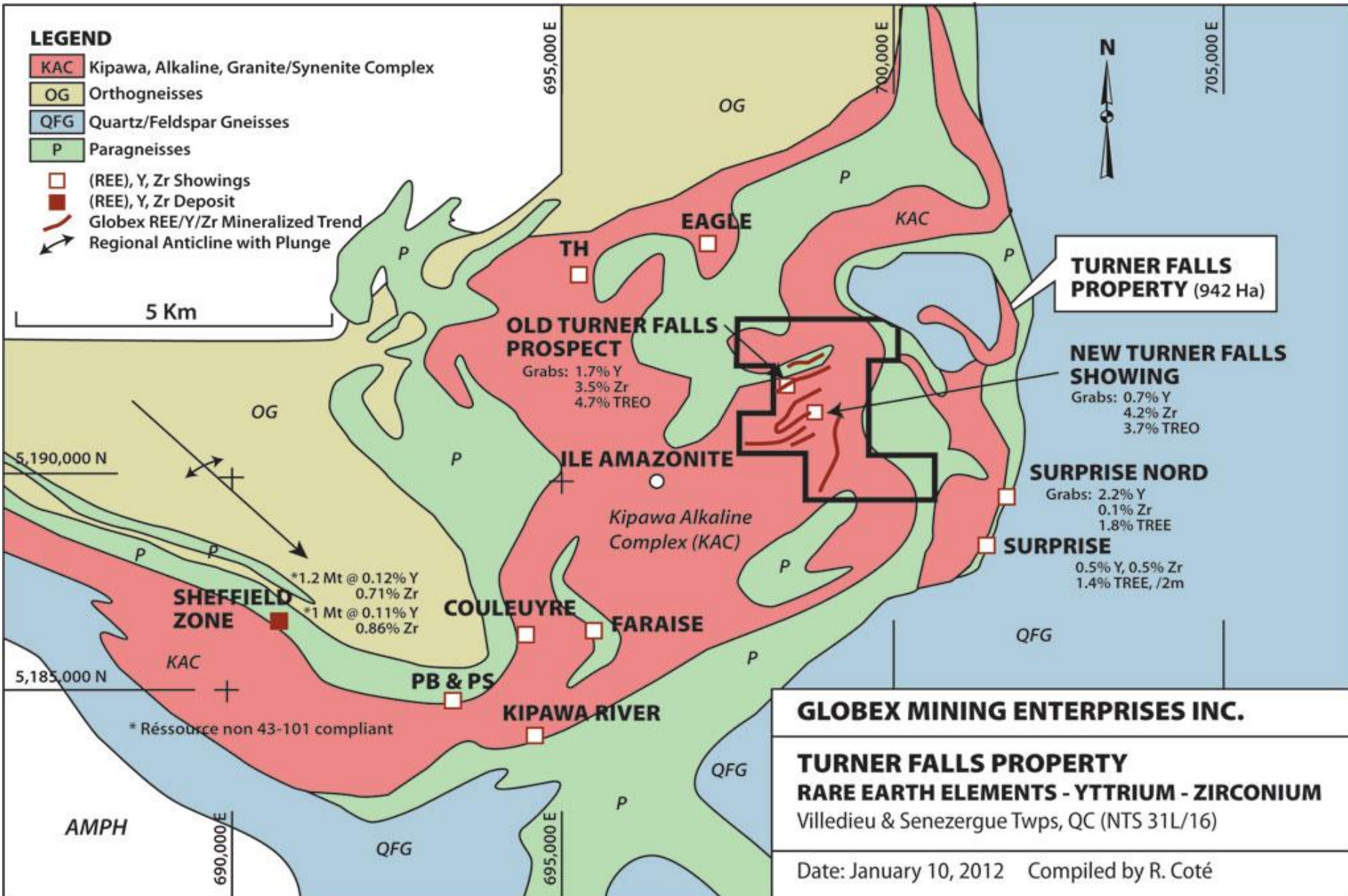
# At Home in North America

KIPAWA  
U<sub>3</sub>O<sub>8</sub>, AU  
RARE EARTHS



- Large land package
- Rare Earths, Uranium, Gold
- Numerous undrilled showings
- Exploration potential
- High assays in Light and Heavy Rare Earths, Zirconium, Yttrium

# Turner Falls Rare Earth Elements



# Turner Falls 2011 Rare Earth Assays

	Outcrop	Boulders
<b>Light Rare Earths</b>		
Lanthanum Oxide (La <sub>2</sub> O <sub>3</sub> )	2.93%	3.62%
Cerium Oxide (Ce <sub>2</sub> O <sub>3</sub> )	5.26%	Greater than 5.85%
Praseodymium Oxide (Pr <sub>2</sub> O <sub>3</sub> )	0.58%	Greater than 0.58%
Neodymium Oxide (Nd <sub>2</sub> O <sub>3</sub> )	2.03%	3.25%
Samarium Oxide (Sm <sub>2</sub> O <sub>3</sub> )	0.29%	0.36%
<b>Heavy Rare Earths</b>		
Europium Oxide (Eu <sub>2</sub> O <sub>3</sub> )	0.02%	0.05%
Gadolinium Oxide (Gd <sub>2</sub> O <sub>3</sub> )	0.17%	0.40%
Terbium Oxide (Tb <sub>2</sub> O <sub>3</sub> )	0.02%	0.04%
Dysprosium Oxide (Dy <sub>2</sub> O <sub>3</sub> )	0.32%	Greater than 0.57%
Holmium Oxide (Ho <sub>2</sub> O <sub>3</sub> )	0.01%	0.17%
Erbium Oxide (Er <sub>2</sub> O <sub>3</sub> )	0.31%	0.54%
Thulium Oxide (Tm <sub>2</sub> O <sub>3</sub> )	0.03%	0.08%
Ytterbium Oxide (Yb <sub>2</sub> O <sub>3</sub> )	0.29%	Greater than 1.14%
Lutetium Oxide (Lu <sub>2</sub> O <sub>3</sub> )	0.02%	0.04%
<b>Other Elements</b>		
Yttrium Oxide (Y <sub>2</sub> O <sub>3</sub> )	2.23%	4.25%
Zirconium Oxide (ZrO <sub>2</sub> )	Greater than 6.75%	17.36%
Hafnium Oxide (HfO <sub>2</sub> )	0.14%	0.26%
Niobium Pentoxide (Nb <sub>2</sub> O <sub>5</sub> )	1.60%	4.98%
<b>Summary - (Highest Individual Samples)</b>		
TREO (Total Rare Earth Oxides)	9.29%	—
HREO (Heavy Rare Earth Oxides)	1.32%	—
TREO + Y <sub>2</sub> O <sub>3</sub>	10.12%	—
HREO + Y <sub>2</sub> O <sub>3</sub>	3.55%	—
HREO + Y <sub>2</sub> O <sub>3</sub> /TREO + Y <sub>2</sub> O <sub>3</sub>	0.37%	—



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Thank you

Merci

