

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.

At Home in North America



Globex Mining Enterprises Inc.

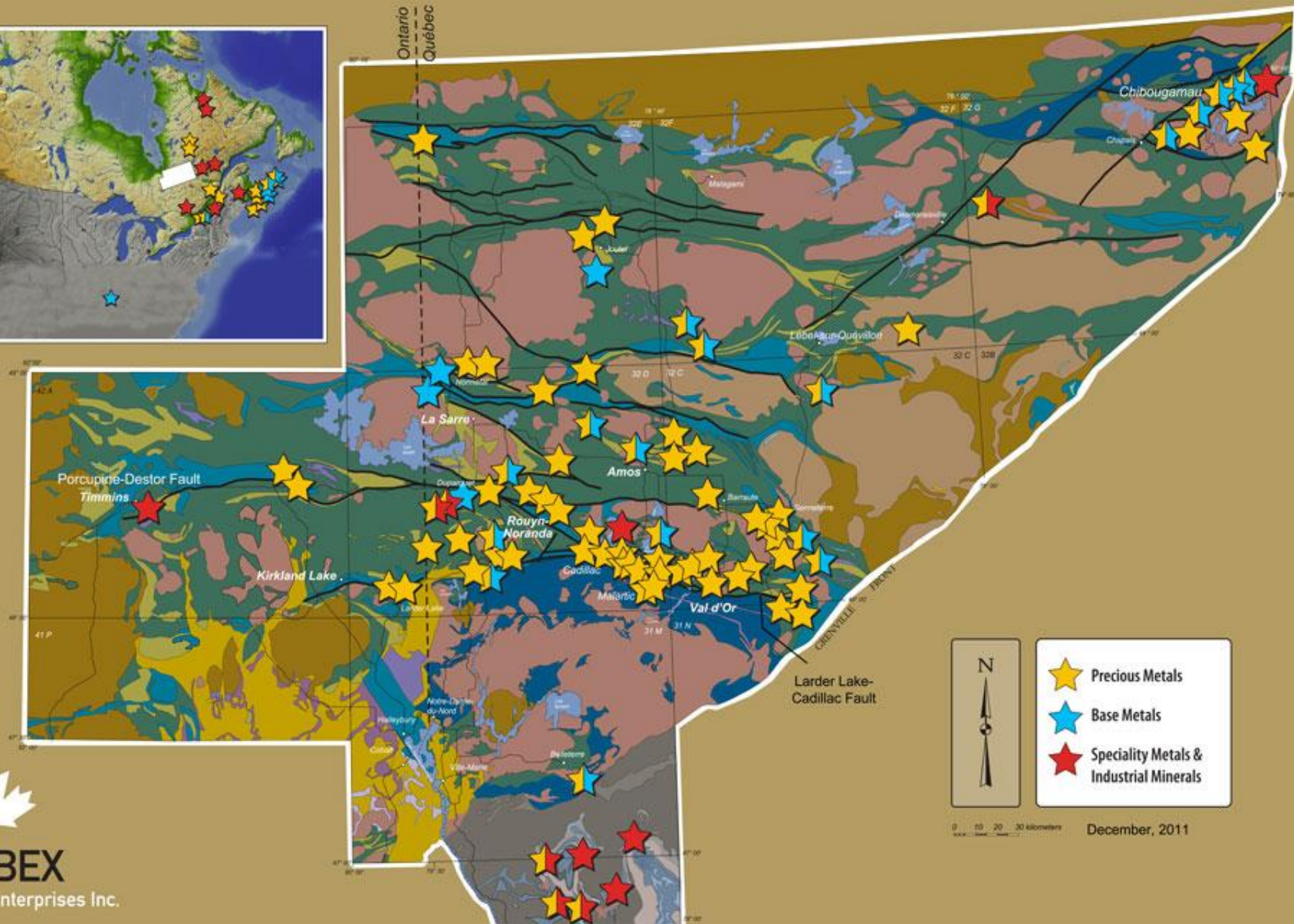
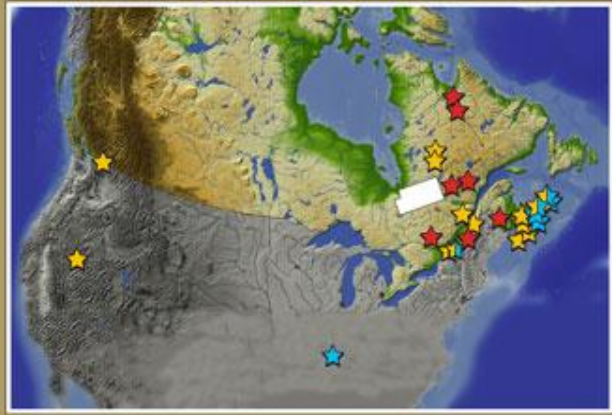
- Shares Issued 22,726,241 (after 25 years, no rollbacks)
 - Fully Diluted 24,889,141
-
- Funds available for exploration
 - No debt
 - Own 100% of its property interests
 - Works in North America principally Quebec, Ontario, Nova Scotia and New Brunswick
 - Board of Directors – 4 senior geologists and 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



N

- ★ Precious Metals
- ★ Base Metals
- ★ Speciality Metals & Industrial Minerals

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Mineral Diversification Today for the Future

PRECIOUS METALS



Au		Gold
Ag		Silver
Pt		Platinum
Pd		Palladium
Os		Osmium
Ir		Iridium

BASE METALS



Cu		Copper
Zn		Zinc
Ni		Nickel
Pb		Lead

SPECIALTY METALS



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

INDUSTRIAL MINERALS



Mg		Magnesite
Talc		Talc
Mica		Phlogophite Mica
Apa		Apatite



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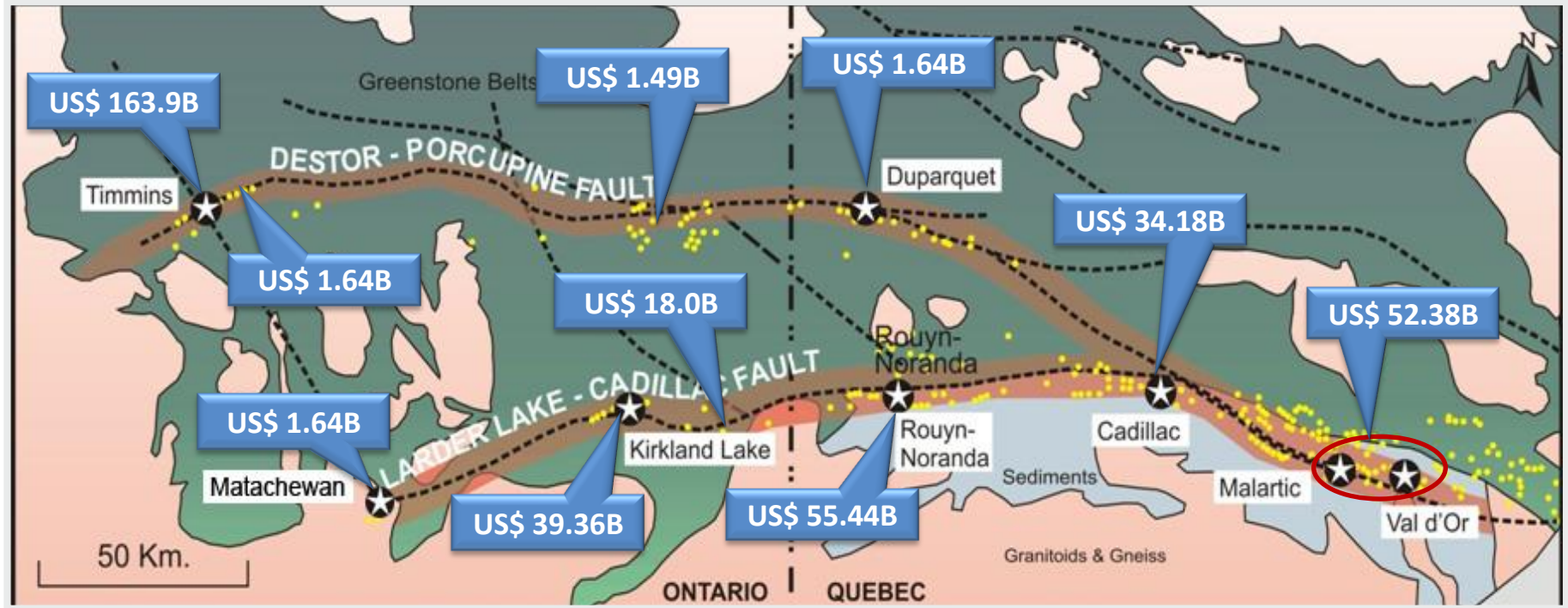


107	Properties (excluding royalty properties)
63	Gold, Silver, Platinum, Palladium
32	Polymetallic (Copper, Zinc, Gold, Silver, Lead, Nickel)
12	Specialty metals and minerals (Iron, Lithium, Magnesium Oxide, Manganese, Mica, Molybdenum, Rare Earth, Talc, Uranium)
16	Royalties
23	Active options <ul style="list-style-type: none"> • Cash payments • Share payments • Exploration & development expenditures • Gross metal royalty
46	Historical or NI 43-101 resources

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

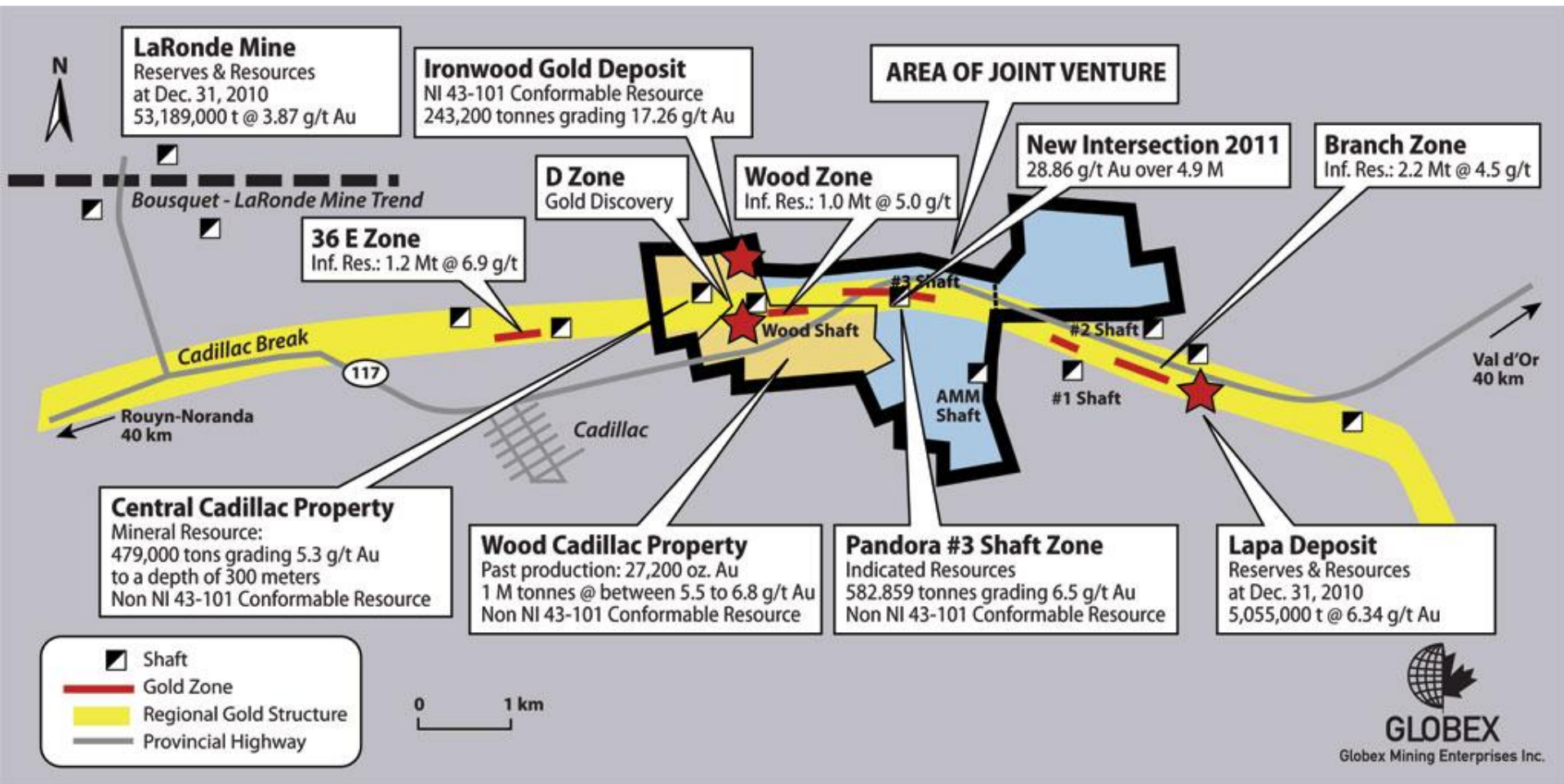
Zn 28.0 billion lb

Cu 14.5 billion lb

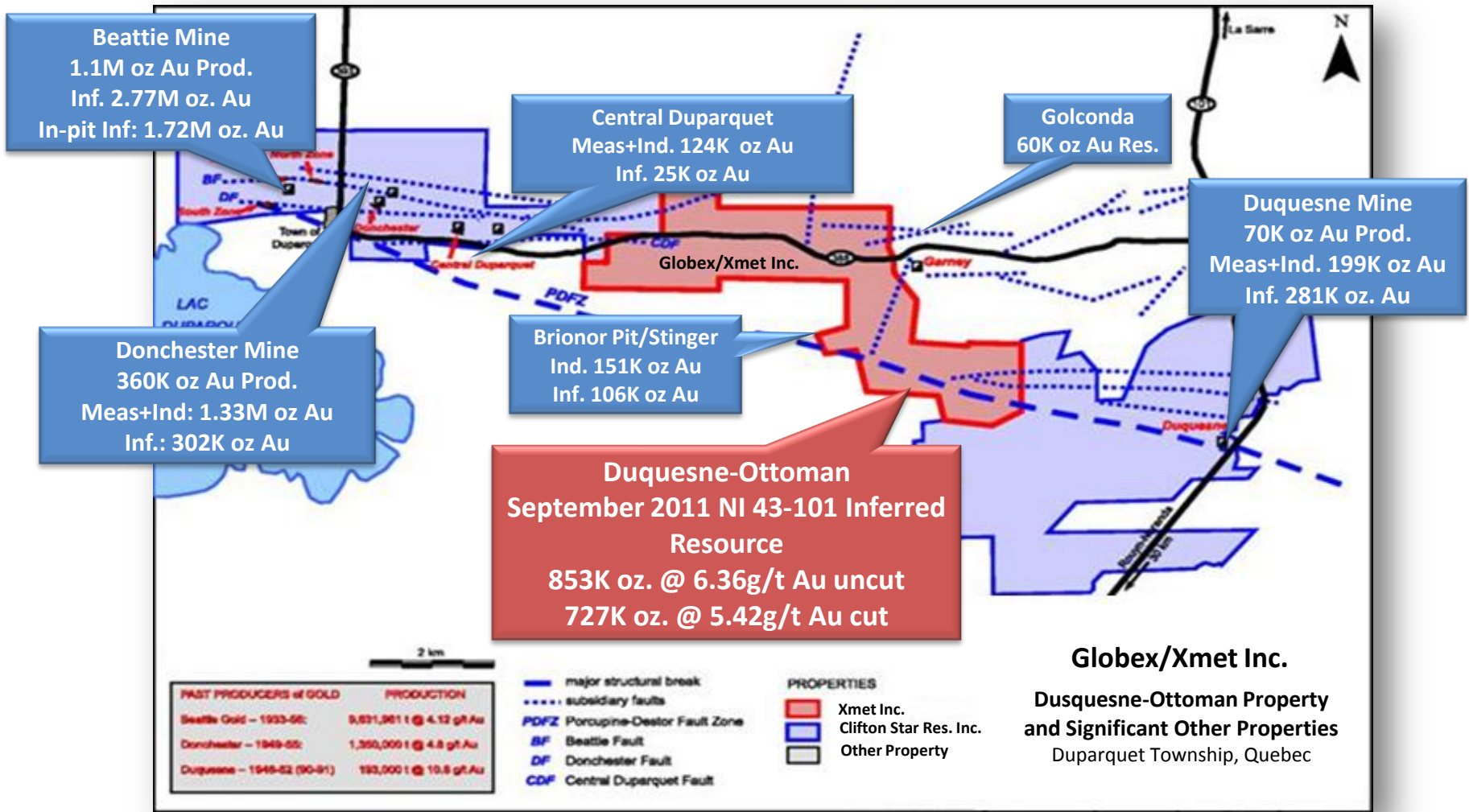
Metal Prices Used in Calculations

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

Cadillac Gold Camp (Wood – Pandora Joint Venture)

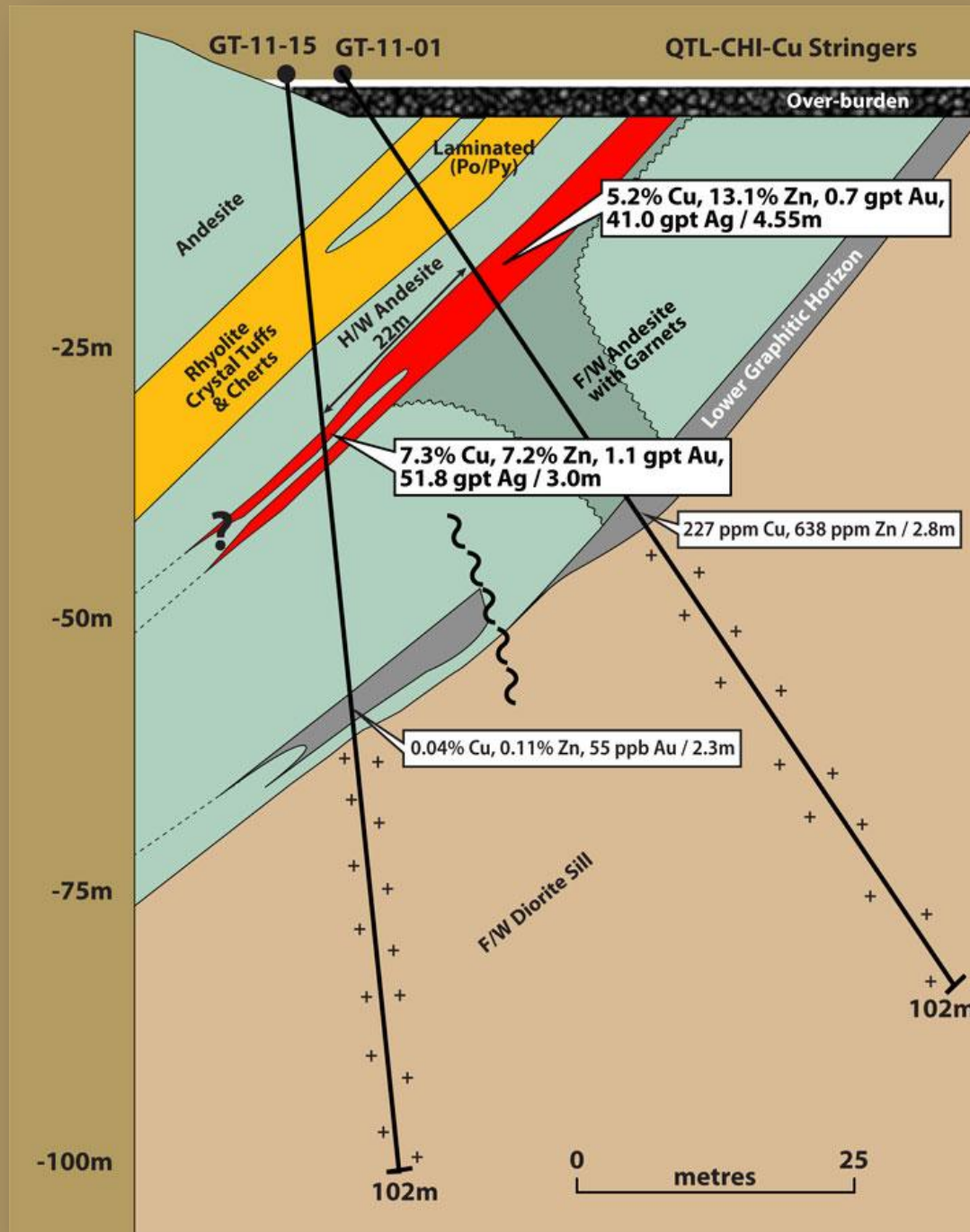
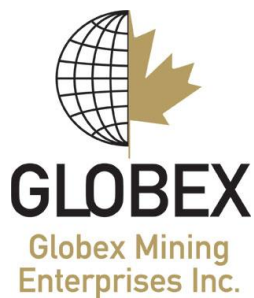


Duquesne-Ottoman Property

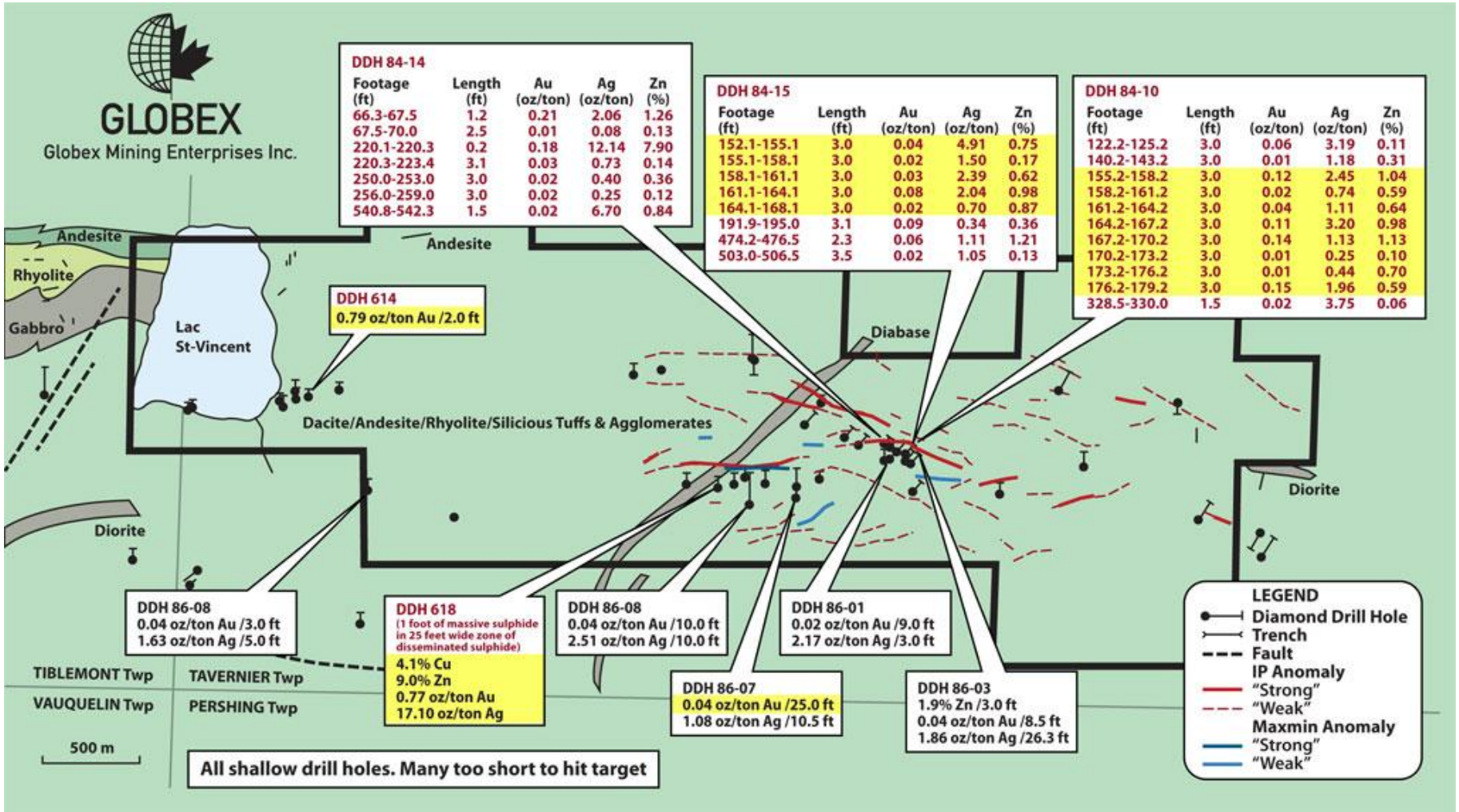


Tonnancour Property

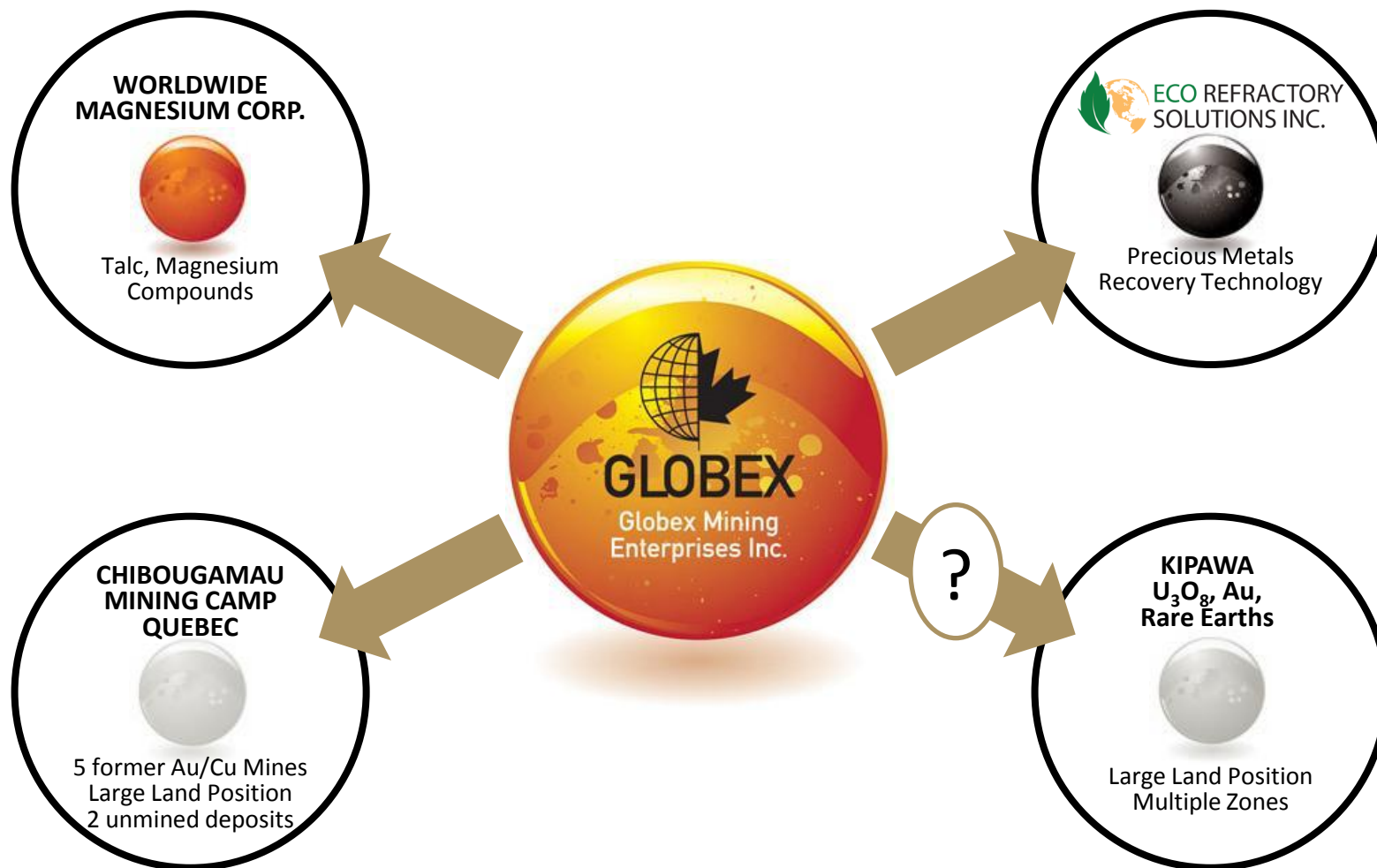
L5 + 75W
Cross Section
(Looking N-NE)



Tavernier Property (Cu, Zn, Au, Ag)



Realization of True Value – Spin-outs?



Chibougamau Independent Mines Inc.

CHIBOUGAMAU MINING CAMP QUEBEC



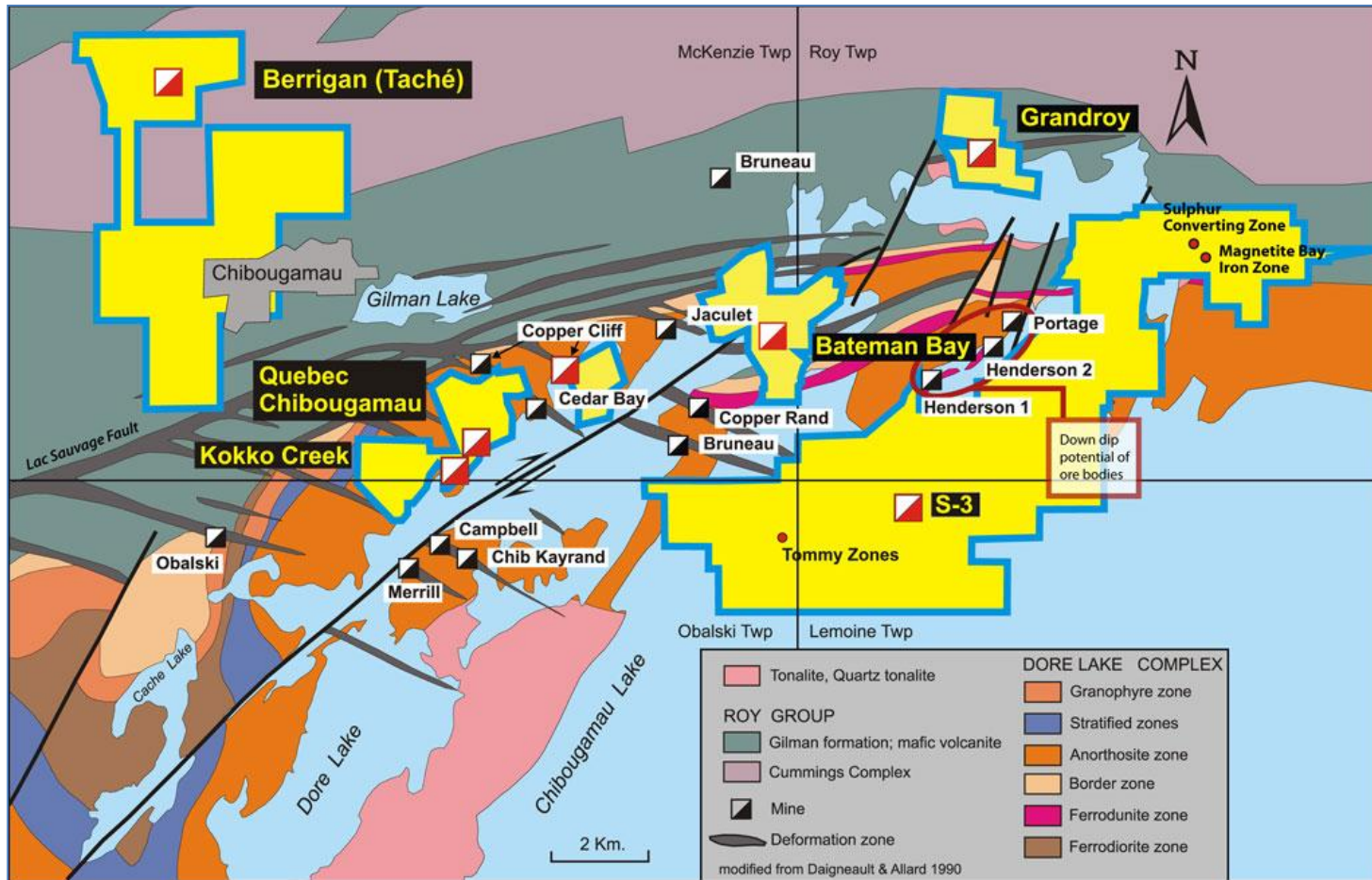
- Dominant position in the Chibougamau Mining Camp
- 5 former copper-gold mines
- Down dip of 3 large copper-gold deposits
- 2 unmined deposits (Au, Ag, Zn - Berrigan) & (Cu, Au – Bateman Bay)
- 1 iron/titanium deposit
- Several partially defined copper-gold zones
- Large exploration land package with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



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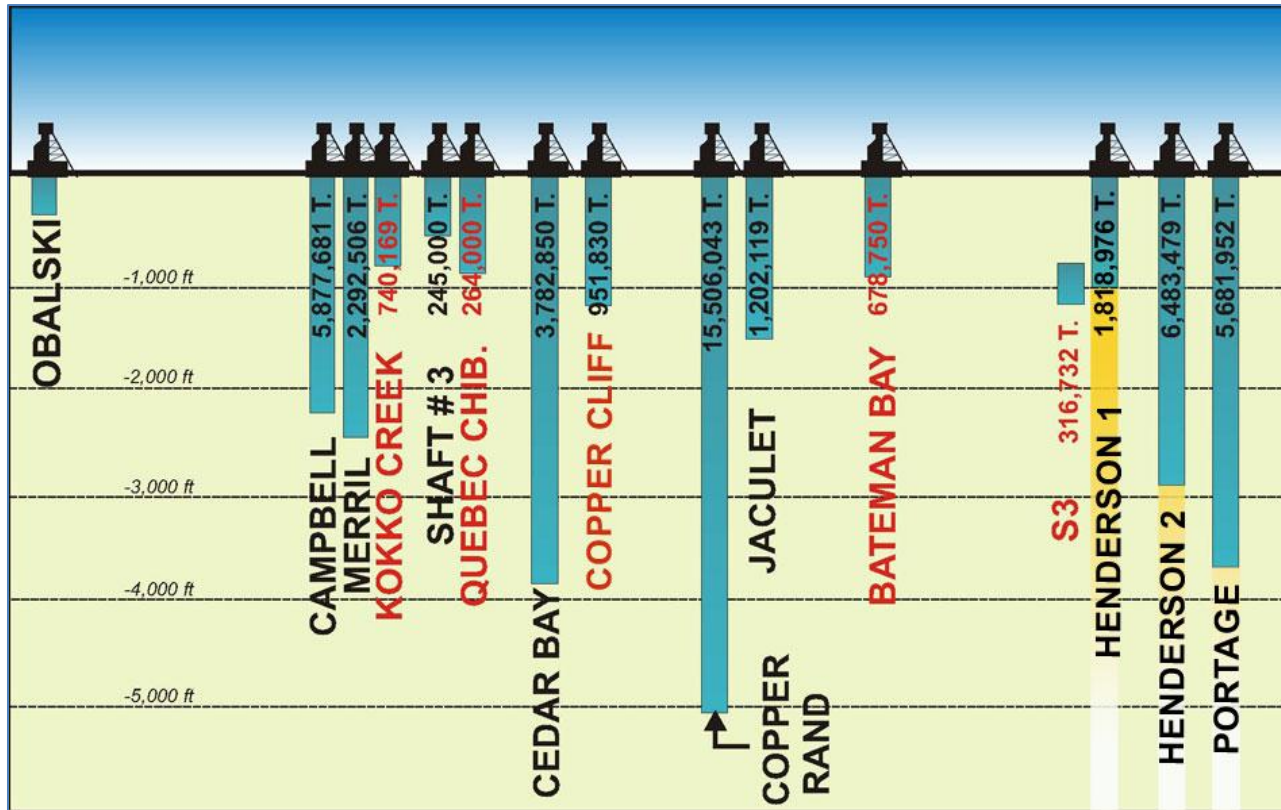
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Geological Map of Chibougamau Area



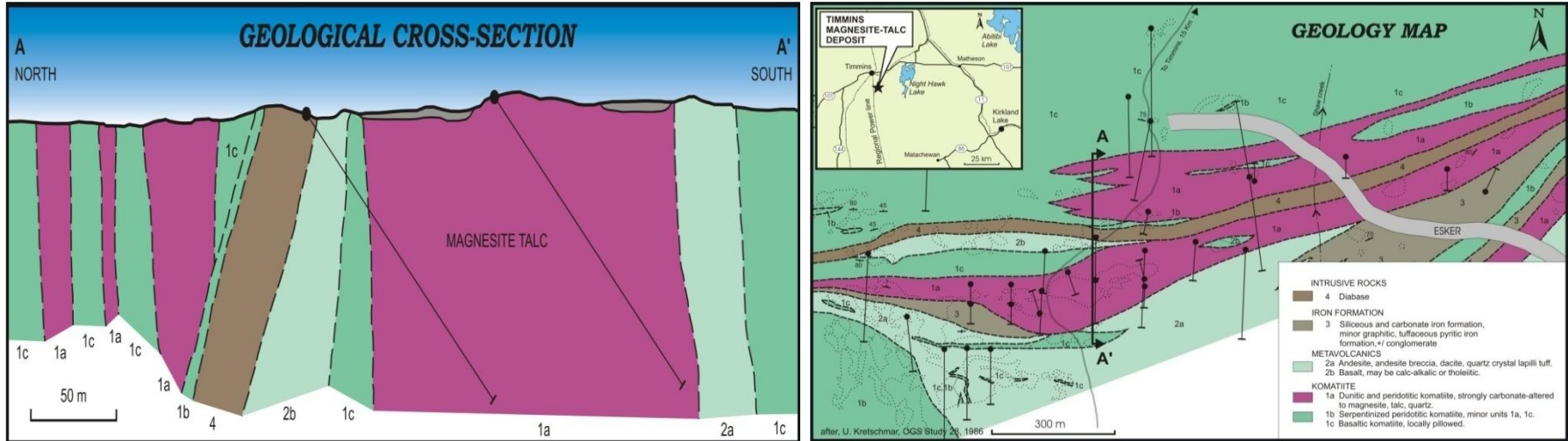
Globex Properties
 Lemoine, Obalski,
 McKenzie & Roy
 Townships, Quebec
 32 G/16

Doré Lake Complex (Copper-Gold)



Longitudinal Section – Chibougamau area, Quebec

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. | | |

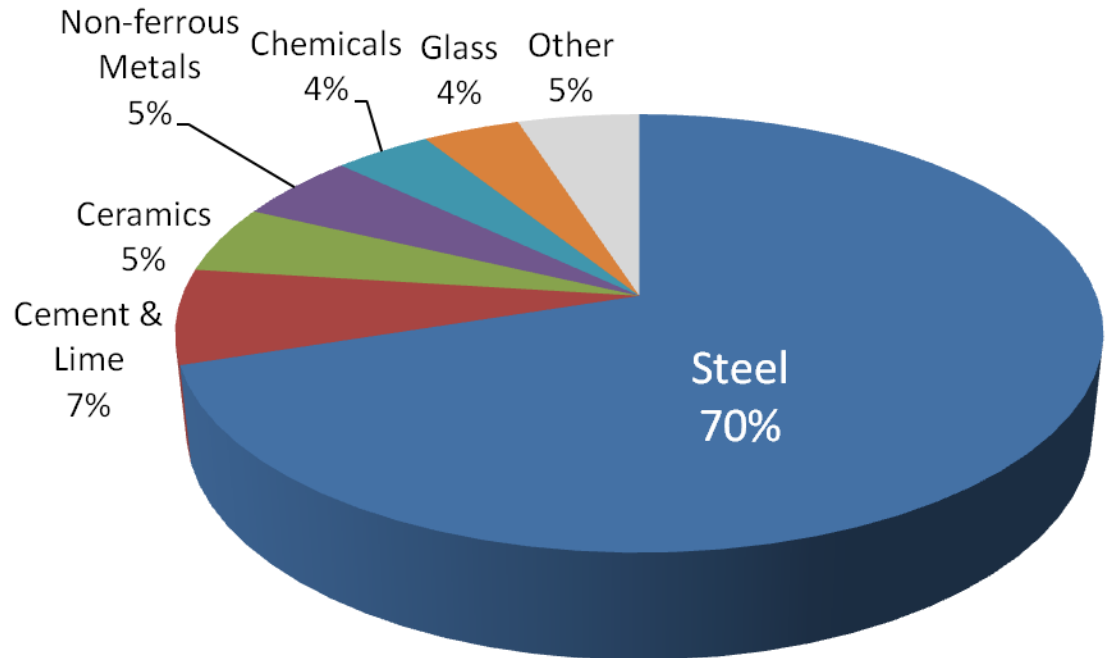
Projections based upon Micon International Limited report



Magnesia-Markets for Refractories

- Refractories are used in linings for furnaces, kilns, incinerators, reactors and are also used to make crucibles. Major applications for both acid and basic refractories are in the steel, cement, chemical and ceramic industries.

World: Estimated Consumption of Refractories by application, 2009 (%)



Magnesia Potential – Globex

- “We consider that there is potentially a very good opportunity for Globex to become a major player in the North American refractory magnesia market.”
- “...U.S. refractory producers, we interviewed are all very interested in the possibility of a new North American supplier, to provide an alternative to Chinese supply...”.

Talc

“The polymers market would appear to offer a good opportunity for Globex, particularly in light of the fact that it will be competing in this segment with bright Chinese talc. Chinese suppliers of talc (and most other mineral products) are becoming less popular in North America”.

“The demand prospects look good. Globally, the (Polymer) demand is forecast to increase from 42MT in 2009 to nearly 56MT in 2014, with all regions seeing increased demand”.

Talc Potential – Globex

“Concern over the supply of bright talc from China has been mounting for some years and the degree of concern is growing. One reason for this is that China’s reserves of bright talc are declining; many mines no longer have reserves of high-quality talc. The price of Chinese talc is also on an upward trend”.

“The TTM deposit, which contains talc comparable in brightness to the Chinese material, is ideally located to supply the key North American markets for bright talc and is very large”.

At Home in North America



- 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

Business Model

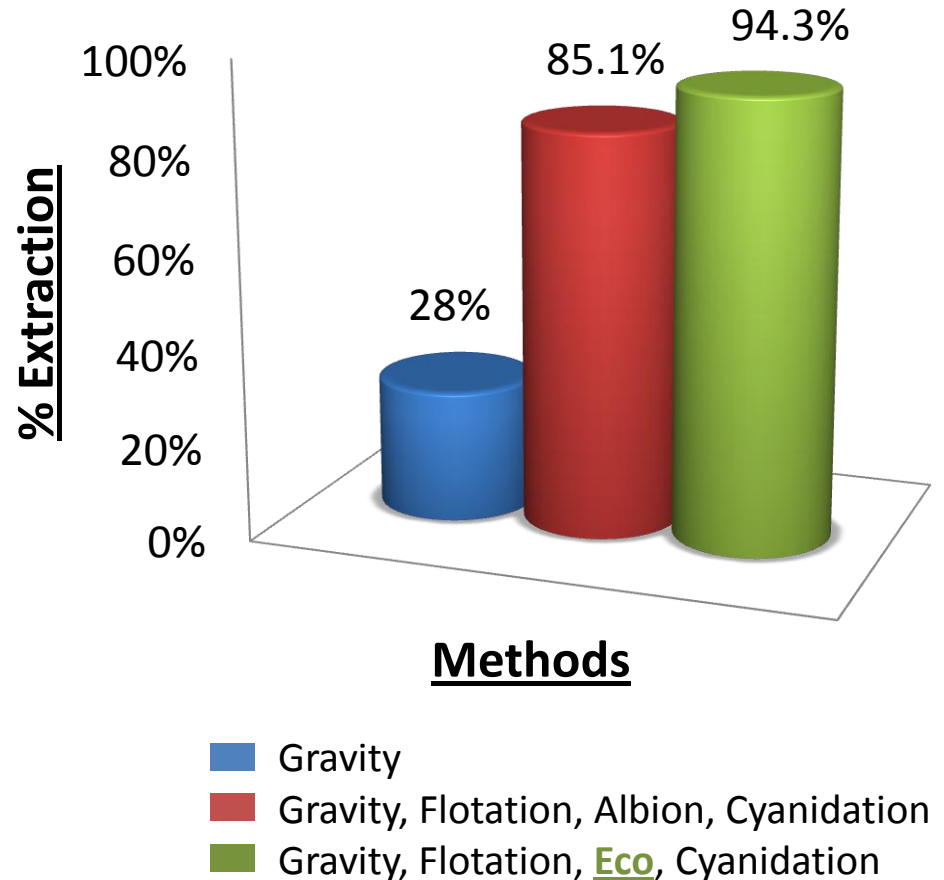


- Leasing of technology in exchange for cash and royalty
- Acquire and prove technology on inactive gold/silver deposits
 - Either place into production or sell
- Acquire and reprocess gold/silver bearing tailings
- Apply technology to correct environmental problems related to leaching of arsenic and acid drainage from gold mine tailings

Client # 1: Eco Refractory Solutions

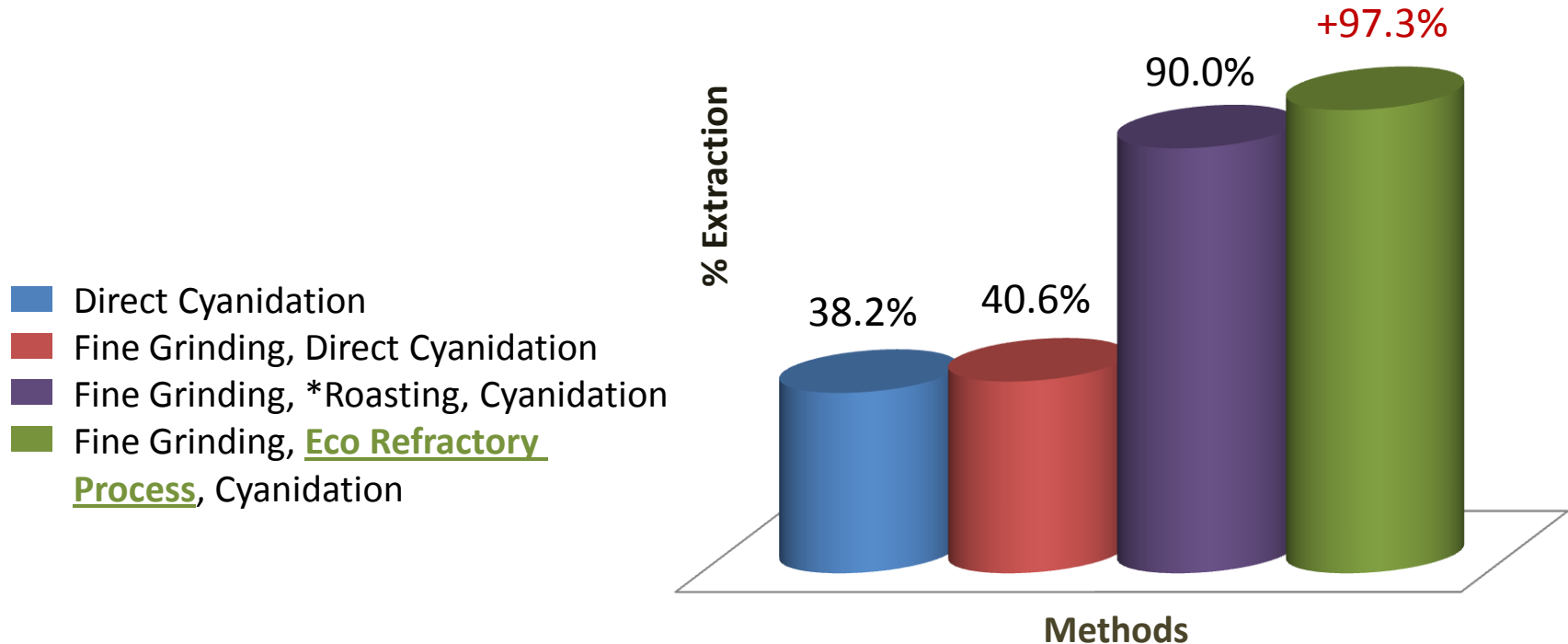
Method Benefits

- 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
U₃O₈, 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



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Turner Falls 2011 Rare Earth Assays

	Outcrop	Boulders	*Spot Oxide Price (per mineralprices.com)
Light Rare Earths			
Lanthanum Oxide (La ₂ O ₃)	2.93%	3.62%	\$50/kg
Cerium Oxide (Ce ₂ O ₃)	5.26%	Greater than 5.85%	\$45/kg
Praseodymium Oxide (Pr ₂ O ₃)	0.58%	Greater than 0.58%	\$150/kg
Neodymium Oxide (Nd ₂ O ₃)	2.03%	3.25%	\$175/kg
Samarium Oxide (Sm ₂ O ₃)	0.29%	0.36%	\$73/kg
Heavy Rare Earths			
Europium Oxide (Eu ₂ O ₃)	0.02%	0.05%	\$3,850/kg
Gadolinium Oxide (Gd ₂ O ₃)	0.17%	0.40%	\$130/kg
Terbium Oxide (Tb ₂ O ₃)	0.02%	0.04%	\$2,400/kg
Dysprosium Oxide (Dy ₂ O ₃)	0.32%	Greater than 0.57%	\$1,500/kg
Holmium Oxide (Ho ₂ O ₃)	0.01%	0.17%	
Erbium Oxide (Er ₂ O ₃)	0.31%	0.54%	\$175/kg
Thulium Oxide (Tm ₂ O ₃)	0.03%	0.08%	
Ytterbium Oxide (Yb ₂ O ₃)	0.29%	Greater than 1.14%	
Lutetium Oxide (Lu ₂ O ₃)	0.02%	0.04%	
Other Elements			
Yttrium Oxide (Y ₂ O ₃)	2.23%	4.25%	\$95/kg
Zirconium Oxide (ZrO ₂)	Greater than 6.75%	17.36%	
Hafnium Oxide (HfO ₂)	0.14%	0.26%	
Niobium Pentoxide (Nb ₂ O ₅)	1.60%	4.98%	
Summary - (Highest Individual Samples)			
TREO (Total Rare Earth Oxides)	9.29%	—	—
HREO (Heavy Rare Earth Oxides)	1.32%	—	—
TREO + Y ₂ O ₃	10.12%	—	—
HREO + Y ₂ O ₃	3.55%	—	—
HREO + Y ₂ O ₃ /TREO + Y ₂ O ₃	0.37%	—	—

*Oxide prices reported on January 11, 2012 in US dollars are subject to change and quoted prices may vary from source to source

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Thank you

Merci

