

### EMERGING METALLURGICAL COAL, GOLD & SPECIALTY METALS PRODUCER

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# ANTHRACITE PROJECT HIGHLIGHTS

- One of the world's premier metallurgical coal development projects
- Advanced project with \$100 million of work complete

ARCTOS

- · World-class JV partner secured with South Korean POSCO one of the world's largest steel producers
- JV owned 80% by Fortune Minerals and 20% by POSCO Canada Ltd. (POSCAN)
- POSCAN anticipated to make initial capital contributions of \$188 million (\$30 million upfront funding)
- Environmental, socio-cultural and economic studies underway in support of permitting process
- Railway development strategy to Port of Prince Rupert allows for scalable expansion
- Anthracite sought for by steel industry to manage costs

### 2012 FEASIBILITY STUDY (FS) - OVERVIEW

- October 2012 FS update to 2005, 2008 & 2010 FS
- Premium ultra-low volatile PCI product Ability to produce premium products (charge carbon) & sinter
- Based on railway transport of coal to Ridley Coal Terminal in Prince Rupert
- Initial production from Lost Fox deposit open pit mine, wash plant & site infrastructure
- Production of 3 Mtpa coal products
- 69.2 Mt of product coal reserves 25 yrs production (small fraction of total resource)
- Life of mine average FOB vessel cash cost C\$127.61/tonne

### **BASE CASE** Ultra-Low Volatile PCI US\$175 / tonne (C\$1 = US\$ 0.95)

	Pre-Tax	After Tax			
IRR	17.0%	14.7%			
NPV (8%)	C\$615.9 million C\$405.8 million				
Capital (Years 1-3)	C\$788.6 million (includes railway capital)				

### PRE-TAX NPV (8%)

Coal price sensitivity in billions



The 2012 Feasibility Study was prepared by Golder-Marston in compliance with NI 43-101. Mr. Edward (Ted) Minnes, P.E. is the Qualified Person responsible for the study.

### HISTORICAL ARCTOS GLOBAL RESOURCES (Million tonnes) (1)

Area	Measured	Indicated	M&I	Inferred
Lost Fox	107.9	109.5	217.4	91.5
Hobbit-Broatch	-	13.5	13.5	258.4
Summit	-	-	-	9.6
Lost Fox Extension	-	-	-	-
Total	107.9	123.0	230.9	359.5

### LOST FOX METALLURGICAL COAL RESERVES AND RESOURCES (Million tonnes) (2)

Coal Resources		Run-of-Mine Coal Reserves			10% Ash Product Reserves			
Measured	Indicated	Inferred	Proven	Probable	Total	Proven	Probable	Total
172.4	20.4	12.1	115.0	9.9	124.9	64.4	4.8	69.2







# Railway sub-grade links mine site with CN mainline & Ridley Terminals

<sup>(1)</sup> The Arctos Mineral Resource & Mineral Reserve estimates were prepared in 2002, 2005, & 2007, respectively, by Marston & Marston Inc. in compliance with NI 43-101. Richard Marston, P.E. is the Qualified Person responsible for the estimates.

Historical Resources include 2.2 billion tonnes in the Speculative class. The historical resource estimate was developed by Gulf in 1988 and updated in 2002 by Marston-Golder to reflect changes in the estimation of Inferred Resources under Paper GSC 88-21. The Speculative portion of the resources is not compliant with current reporting standards. A qualified person has not done the work necessary to classify the historical estimate of Speculative resources as current mineral resources under NI 43-101 and the estimate should not be relied upon. Speculative Resources were developed based on estimated average coal thickness applied to the projected aerial extent of the coal.

Further information regarding the Arctos Coal Resource & Reserve estimates is available from the Company's disclosures under the Company's profile on the SEDAR website at www.sedar.com

<sup>(2)</sup> The 2012 DFS utilized updated Resource & Reserve estimates for the Lost Fox Deposit, which Edward Minnes, P.E. is the Qualified Person.

# NICO

## GOLD-COBALT-BISMUTH-COPPER PROJECT HIGHLIGHTS

- Potential reliable North American supply of critical specialty metals Strongly levered to gold
- 100% Ownership No 3rd party royalties
- Mine & mill in NWT
- Open pit & underground mine & concentrator
- Saskatchewan Metals Processing Plant (SMPP)
  - Vertically integrated hydrometallurgical facility to produce gold doré, cobalt cathode, cobalt sulphate, bismuth ingot and copper precipitate
- \$110 million work completed to date, includes:
  - \$20 million test mining \$12 million metallurgy & process pilot plants
- FEED study highlights:
  - 14% Base Case pre-tax IRR for cobalt sulphate option
  - Pre-tax \$309 million 7%NPV for cobalt sulphate base case
  - Negative to low cash cost for metals net of by-product credits
- NICO CAPEX \$441 million Includes \$230 million for SMPP
- Mine & mill approved by Federal & Tlicho governments
- Strategic investment by Procon Resources (majority owned by China CAMCE Engineering)

### **NICO MINERAL RESERVES**

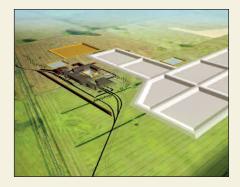
Underground Mineral Reserves	Tonnes	Au (g/t)	Co (%)	Bi (%)	Cu (%)
Proven	282,000	4.93	0.14	0.27	0.03
Probable	94,000	5.60	0.11	0.19	0.01
Total	376,000	5.09	0.13	0.25	0.02
Open Pit Mineral Reserves	Tonnes	Au (g/t)	Co (%)	Bi (%)	Cu (%)
Proven	20,513,000	0.94	0.11	0.15	0.04
Probable	12,099,000	1.05	0.11	0.13	0.04
Total	32,612,000	0.98	0.11	0.14	0.04
Combined Mineral Reserves	Tonnes	Au (g/t)	Co (%)	Bi (%)	Cu (%)
Proven	20,795,000	0.99	0.11	0.15	0.04
Probable	12,193,000	1.09	0.11	0.13	0.04
Total	32,988,000	1.02	0.11	0.14	0.04
Contained Metal		1,085,000 ounces	82,268,000 pounds	102,053,000 pounds	27,179,000 pounds

Sums of the combined reserves may not exactly equal sums of the underground and open pit reserves due to rounding. The mineral reserve estimates were prepared by Eugene Puritch, P.Eng., Fred H. Brown, CPG PrSciNat, and James L. Pearson, P.Eng. of P&E, who are the Qualified Persons responsible for the updated mineral reserves as defined by NI 43-101. Base Case Price assumptions are US\$1.450/troy ounce ("oz") for gold, US\$20/pound ("b) for cobalt, US\$11/b for bismuth and US\$3.50/b for copper at an exchange rate of US\$ 0.35 = C\$ 1. Mr. Alexander Duggan, P.Eng. and Mr. Graham Peter Holmes, P.Eng. of Jacobs are the Qualified Persons for Jacobs and Mr. Eugene Puritch, P.Eng. of P&E are the Qualified Persons responsible for the FEED study economics under NI 43-101.



### SASKATCHEWAN METALS PROCESSING PLANT (SMPP)

- Hydrometallurgical plant to process NICO concentrates to high value metal products
- Lands near Saskatoon purchased
  - Located on CN Rail line
  - Close to Trans-Canada Hwy
  - Inexpensive power (5.7 cents/kWh)
  - Close to natural gas & reagent sources
  - 5 year tax holiday
  - Skilled worker/engineer pool 85 employees
- High concentration ratio of NICO ores reduces 4,650 tonnes of ore to only 180 tonnes of concentrate/day for delivery to SMPP



#### **KEY PERSONNEL:**

- Robin Goad, M.Sc., P.Geo., President, CEO & Director
- Adam Jean, H.B.A., C.P.A., C.A., Vice President Finance & CFO
- Mike Romaniuk, B.A.Sc., P.Eng., Vice President Operations& COO
- Richard Schryer, PhD., Director of Regulatory & Environmental Affairs

### **INVESTOR RELATIONS:**

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### OWNERSHIP (As at January 15, 2014)

- China Mining Resources Group Ltd. ~ 10%
- Procon Resources Inc. ~ 19%
- Insiders ~ 37% (includes China Mining & Procon)

### ANALYST REPORTS

- Killian Charles, Industrial Alliance Securities
- David Davidson, Paradigm Capital
- Michael Fowler, Loewen Ondaatje McCutcheon

### TSX-FT / OTCQX-FTMDF

