



FIRST QUANTUM MINERALS LTD.

TSX: FM; LSE: FQM



May 2014

Cautionary Note Regarding Forward-Looking Statement

Some of the statements contained in the following material are forward-looking statements and not statement of facts. Such statements are based on the current beliefs of management, as well as assumptions based on management information currently available.

Forward-looking statements are subject to various risks, uncertainties and other factors that could cause actual results to differ materially from expected results.

Readers must rely on their own evaluation of these uncertainties.

Note: all dollar amounts in US dollars unless otherwise indicated

First Quantum Minerals – At a Glance

- **A Global Company**
 - Operations and projects in 8 countries
- **High-Quality, Stable, Efficient Operations**
 - 7 operations
 - 2013 production:
 - *copper 412,281 tonnes*
 - *nickel 47,066 tonnes*
 - *gold 248,078 ounces*
 - Cash cost of production
 - *copper \$1.30/lb; nickel \$5.02/lb*
- **Strong Liquidity & Cash Flow**
 - Cash at March 31'14 = \$747.2M
 - Cash from operations = \$370.1M
 - Available & undrawn facilities of \$1.3B
 - Senior Notes = \$850M
- **Industry-Leading Growth**
 - 5 major projects under development
 - Production capacities to rise to 1.1 Mtpa for copper and 110 ktpa for nickel by 2018
- **Unique Core Strength**
 - In-house project development team
 - Delivered projects at an average of 40% of the industry's average capital per tonne of capacity
- **Strong Track Record**
 - Delivered over \$2.4B in projects within 6% of budget
 - Returned a compounded annual gain of over 30% since listing



2013 – A Transformative Year

- ✓ **Successfully acquired Inmet Mining Corporation**
 - Control of the Tier 1 Cobre Panama copper project
 - Added 3 well-run, low-cost operations
- ✓ **Restructured financing and capital structure**
- ✓ **Advanced projects under development**
- ✓ **Record production at Flagship Kansanshi mine; Las Cruces; Guelb Moghrein; and Ravensthorpe**



Main Areas of Focus



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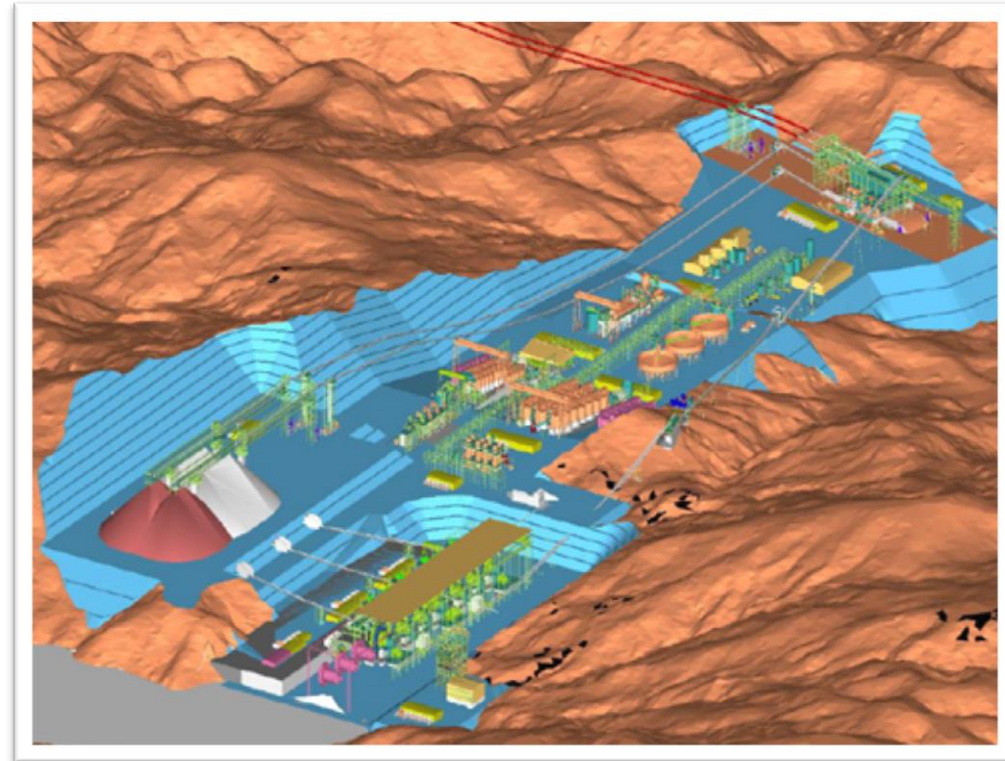
Cobre Panama – A Tier 1 Copper Project

- Acquired March 2013
- Critical review following acquisition
 - Focused mainly on Engineering, Contracts and Construction initially
 - Copied major areas of the design of the almost-complete Sentinel process plant
- Made significant changes
 - Unwound ~US\$1.7B of commitments
 - Rectified multiple deficiencies
 - Readied the site for construction
 - Connected mine site to port site
 - Changed to an in-house, self-perform arrangement



Cobre Panama – A Tier 1 Copper Project

- A larger, more robust project
 - Installed capacity Yrs 1-10 = ~70 Mtpa
 - *17% higher than prior*
 - *Expansion up to 100 Mtpa beyond Yr 10*
 - Average annual LOM* copper production of 320,000 tonnes
 - *~ 20% higher than prior*
 - Average annual LOM by-product production
 - *100,000 ounces gold; 1,800,000 ounces silver and 3,500 tonnes molybdenum*
- Mine life of 34 years



Cobre Panama – A Tier 1 Copper Project

- Capex estimate of \$6.4 billion
 - inclusive of \$913 million incurred prior to acquisition
- Capital per installed tonne of capacity of \$17,125
 - ~25% lower than prior
- A realistic and well-defined timeframe
 - 230 KV overland power line – Q4 '15
 - 300 MW powerstation – Q1 '17
 - Tailings management facility – Q2 '17
 - Process plant construction – Q3 '17
 - Commissioning & 1st concentrate production – Q4 '17



COBRE PANAMA PROJECT – PROCESS PLANT SITE EARTHWORKS



COBRE PANAMA PROJECT – MILL PAD EARTHWORKS



COBRE PANAMA PROJECT – PROCESS PLANT STOCKPILE PAD



COBRE PANAMA PROJECT – POWER STATION AREA



COBRE PANAMA PROJECT – BREAKWATER AND MATERIAL OFFLOADING FACILITY



Advanced Projects

Copper Smelter Complex, Zambia

- Phase 1
 - Processing capacity of 1.2 Mtpa
 - Combination of concentrate from Kansanshi & Sentinel
 - Average copper grade 26%
- Copper production 300,000 Tpa; acid production 1.0 Mtpa
- Commissioning from 2H2014
- Estimated savings:
 - US\$340M - US\$510M/year
- Phase 2 being planned to increase processing capacity to between 2 to 2.4 Mtpa in 2017



Phase 1 Smelter - Overview



Phase 1 Smelter – Cold Box Lifts – April 2014



Advanced Projects

Sentinel, Zambia

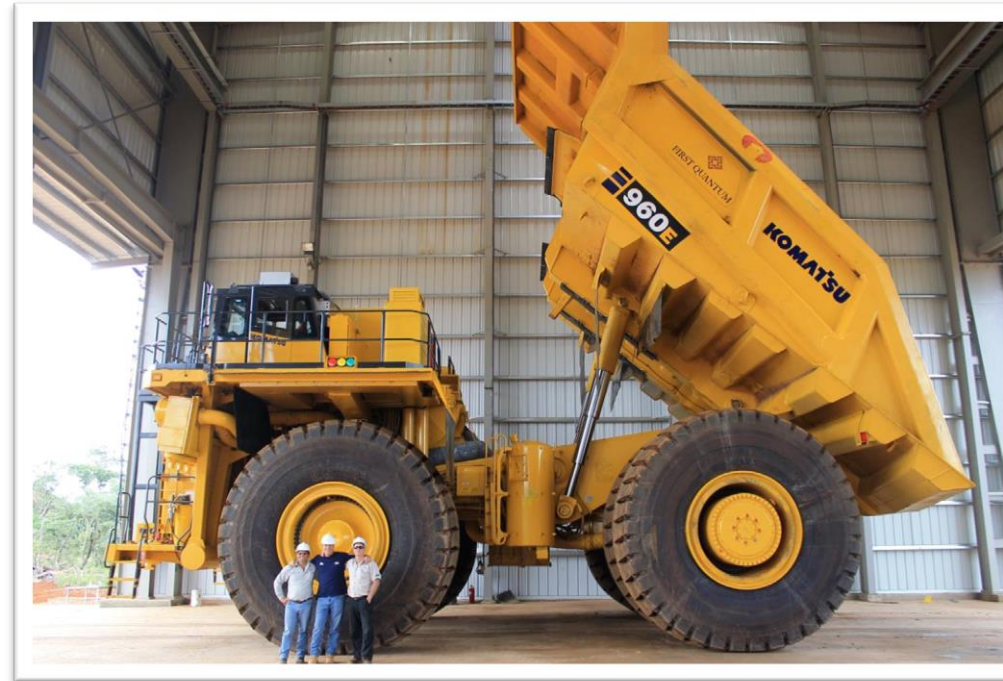
- Located ~ 140 km northwest of Solwezi, northern Zambia
- M&I resource of 1,027 Mt at 0.51% Cu grade, containing 5.2 Mt Cu
- Estimates:
 - 2.2:1 LOM strip ratio
 - >15 years mine life
 - Annual production up to 300,000 tonnes
 - US\$2.0B capex (incl. Enterprise nickel project)
 - Completion targeted for mid-2014
- Includes 4 Mtpa nickel facility; flexibility to augment copper capacity



Advanced Projects

Sentinel Cu project, Zambia

- 55 Mtpa target throughput
- 3 semi-mobile in pit crushers and assembly of large scale mining equipment
- Largest operating SAG/Ball mill trains in the world (100MW milling power)
- 265,000t of freight = 14,500 truckloads of materials
- 2 rivers to be dammed/diverted
- Life of mine TSF
- 600 km of 330kV power transmission lines from Lumwana – Kalumbila – Lusaka West
- 690 staff houses plus 590 houses in resettlement
- Development of a new town, airport, clinic, school etc....



Sentinel – 80 Meter Feed Shuttle Conveyor Truss - April 2014



Sentinel – 80 Meter Feed Shuttle Conveyor Truss - April 2014



Advanced Projects – Sentinel

100MW Milling – 2 x 40' SAG Mills + 2 x 28' Ball Mills



Advanced Projects – Sentinel Senior Housing



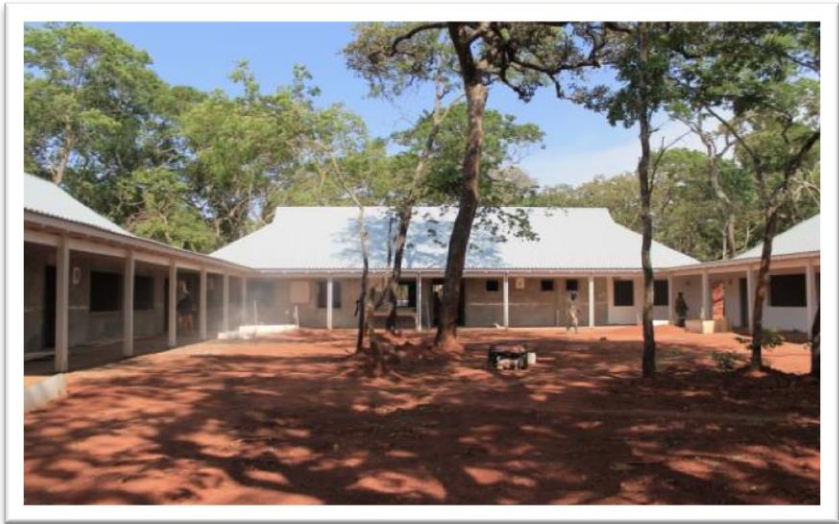
SPORTS FACILITY 04-NOV-2013



SENIOR HOUSING - SINGLES 31-MAR-2013



SENIOR HOUSING AREA 28-FEB-2013



TRIDENT PREPARATORY SCHOOL 05-NOV-2013

Advanced Projects – Sentinel Affordable Housing



AFFORDABLE HOUSING LAYOUT



TEACHER'S HOME 3-JAN-2014



TRUST SCHOOL 05-NOV-2013

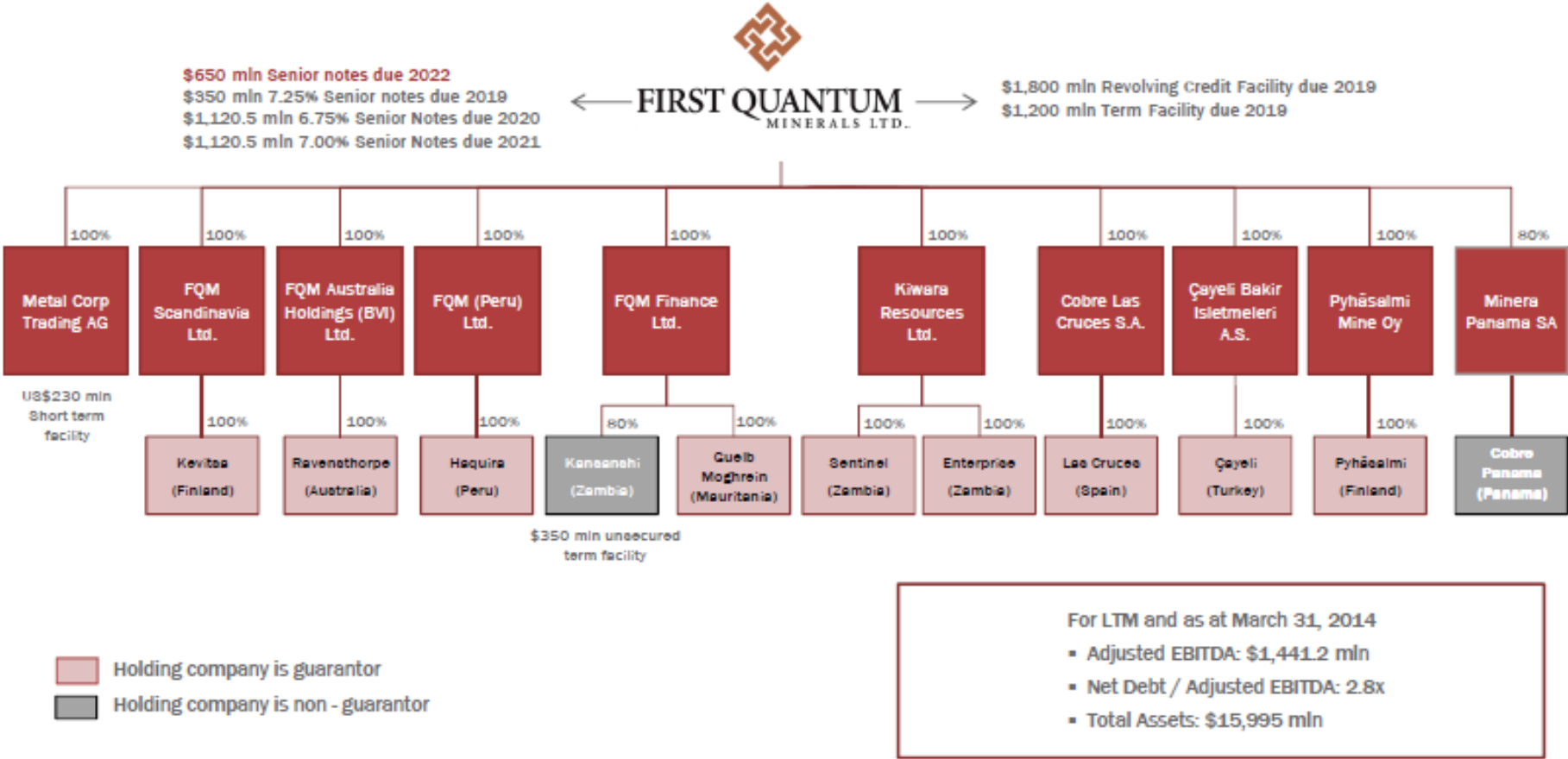


COMPLETED 4-BEDROOM HOUSE 3-JAN-2014

Optimized Capital Structure & Financial Flexibility

- Refinanced the short-term US\$2.5B revolver at FQM (Akubra) with a \$1.2 billion Term Loan Facility five-year Term and and a \$1.8 billion Revolving Credit Facility
- Exchanged the FQM (Akubra) Inc. US\$1.49B 8.75% 2020 and US\$500M 7.50% 2021 notes for new 6.75% 6-year notes and new 7.00% 7-year notes
- In conjunction with the Exchange Offer, made covenant changes to better match the Company's needs going forward
- Made certain amendments to the existing indentures of the US\$350M 7.25% Senior Notes due 2019 through a consent solicitation offer to bondholders
- Retired the project financing at Kevitsa and Kansanshi and put in place a \$350M unsecured facility at Kansanshi
- Launched Senior Notes Offering - original amount of \$650M increased to \$850M on strong response

Illustrative Pro Forma Corporate Structure Chart



As at March 31, 2014

One of the Few Mining Companies Investing in Building Capacity



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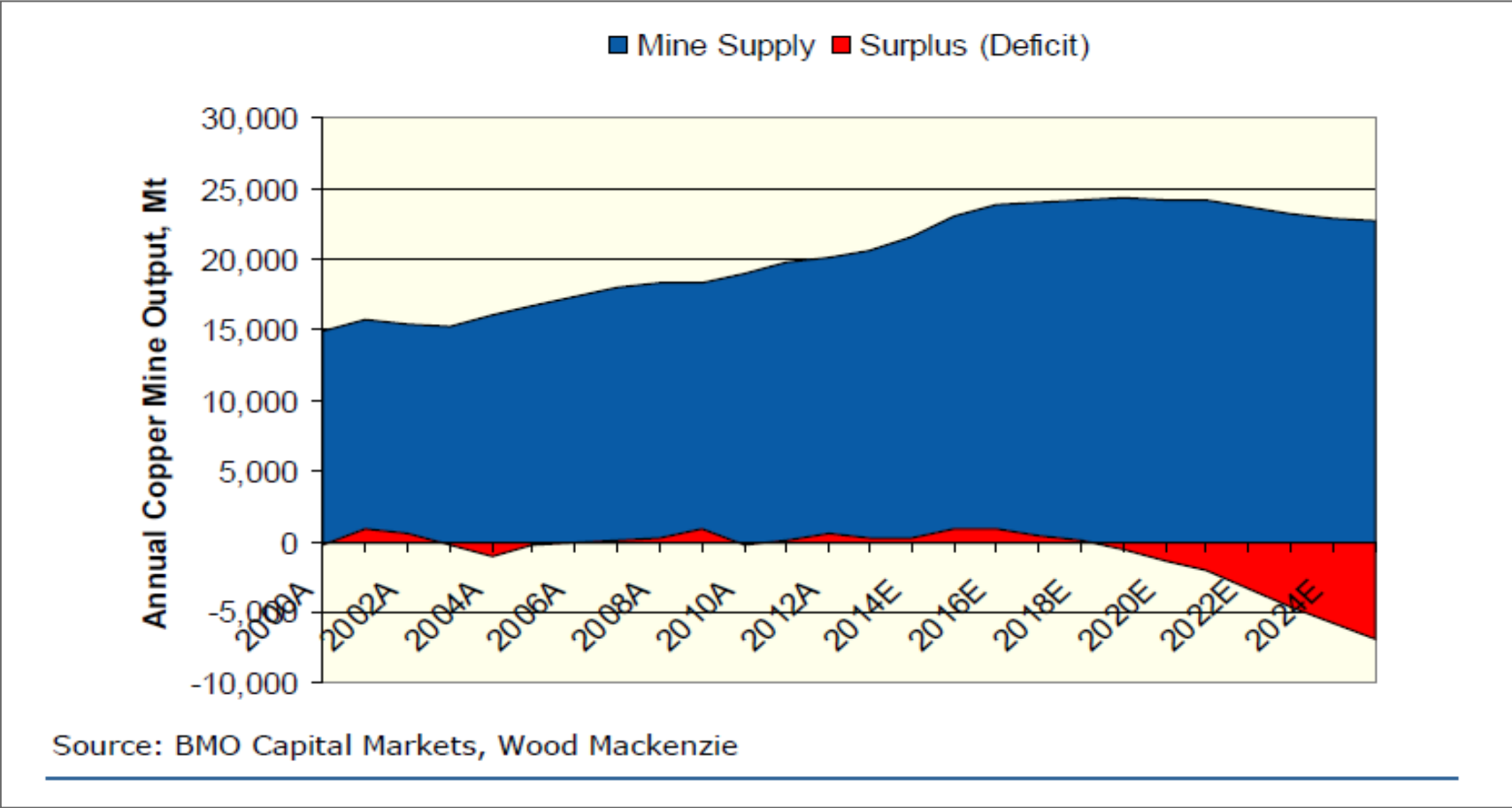
Current State of the Copper Industry

A Small Copper Surplus Now, But.....

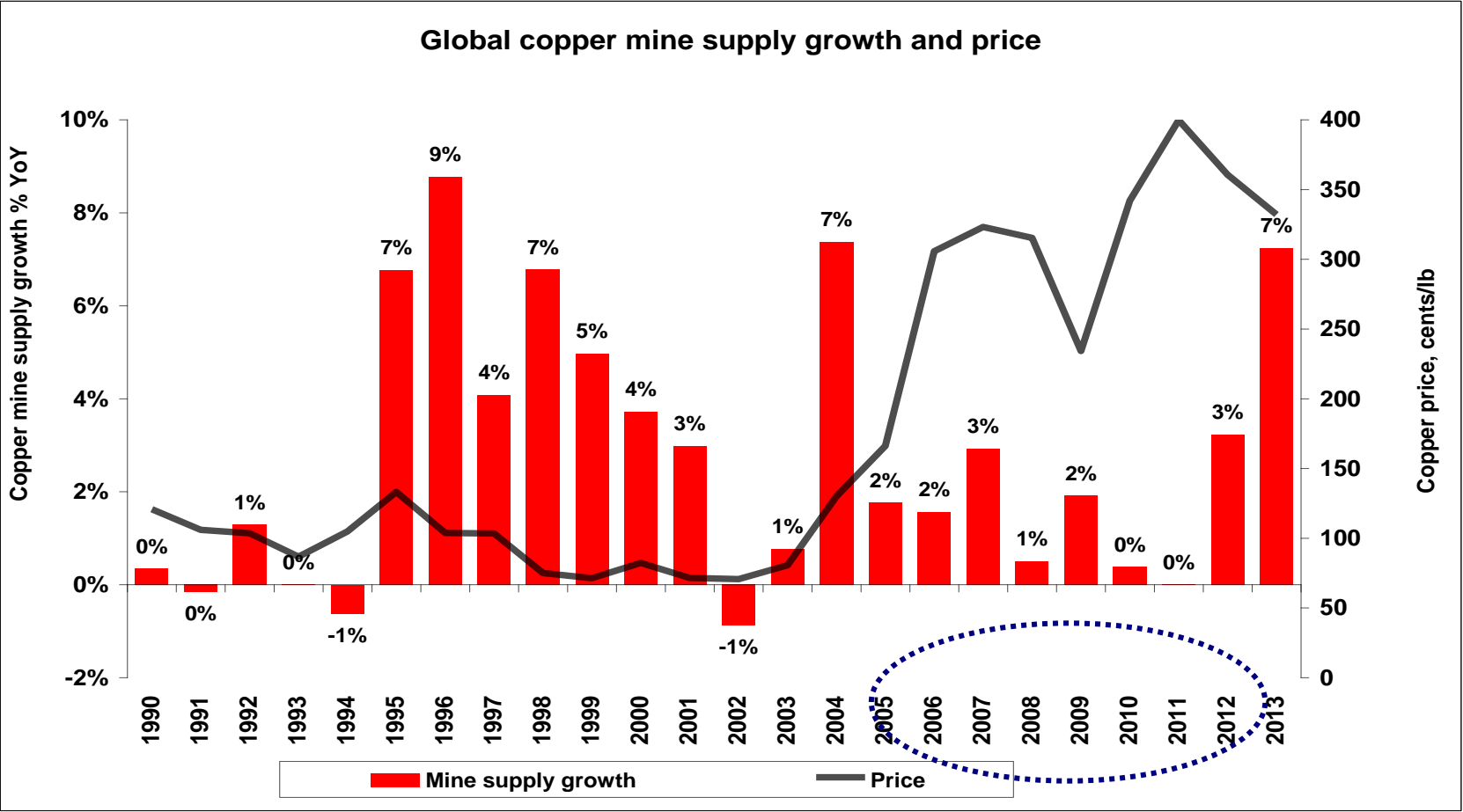
- **EXPLORATION**
 - Majors have cut back on exploration and juniors are mainly un-financeable
 - It takes 12-15 years to get from discovery to production
- **BROWN FIELD EXPANSIONS**
 - Should be lower capital intensity but are not
 - Capital projects cancelled or deferred from shareholder pressure
- **GREENFIELD PROJECTS**
 - High capital intensity
 - Capital projects cancelled or deferred as above
 - **Very poor track record of developing projects efficiently**

Current State of the Copper Industry

Results in a Looming Deficit



Lack of Supply Response to Price Was Staggering Over 2006-2012 Period



Source: Wood Mackenzie, Macquarie Research, February 2014

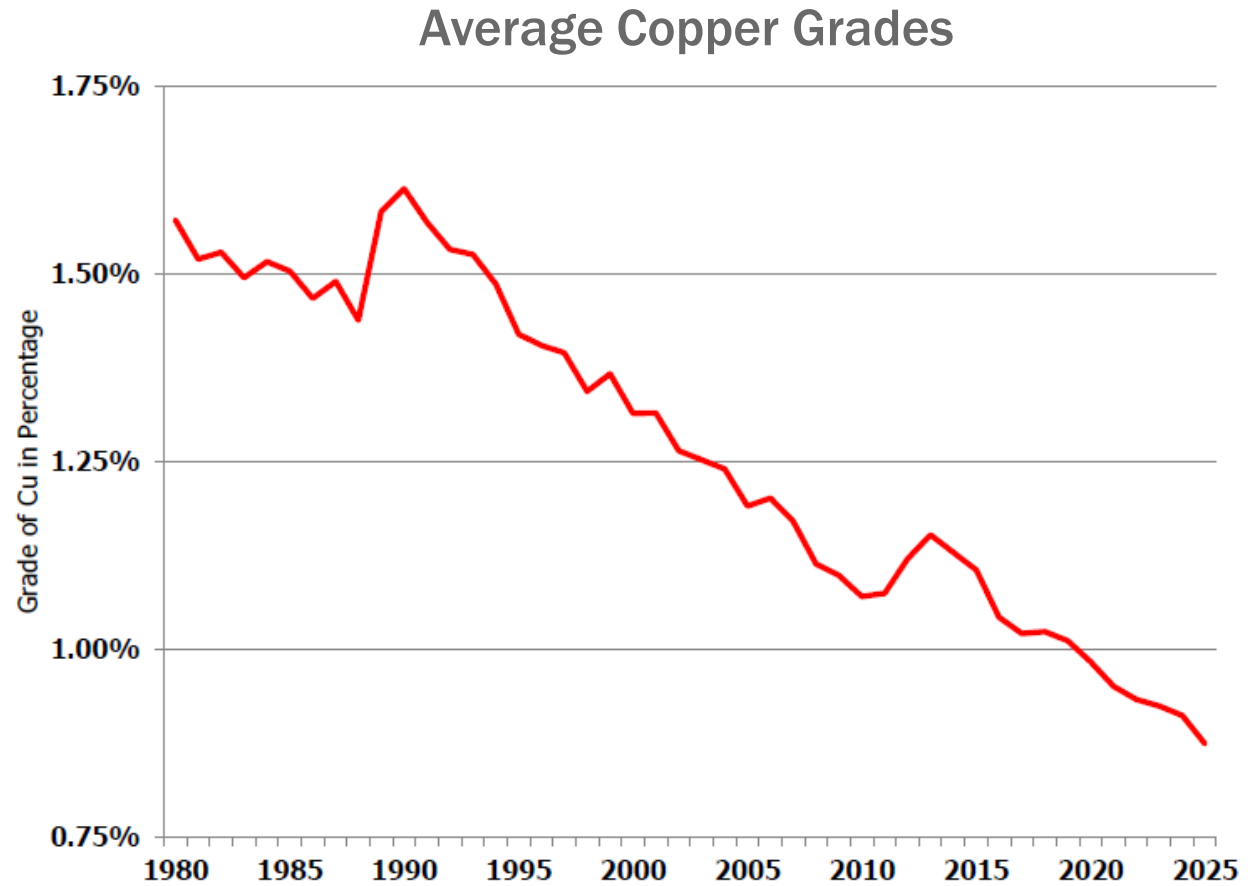
So The Seeds of The Next Copper Price Bubble are Already Sown *AND* it is Coming Soon

So why is the industry cutting investment?

- Pressure from shareholders who have a much shorter time horizon than miners
This is not going to change
- There is not much out there that the majors want
With the cut-back in exploration, this is unlikely to change
- The capital intensity of new projects is rising rapidly
Why is this so?

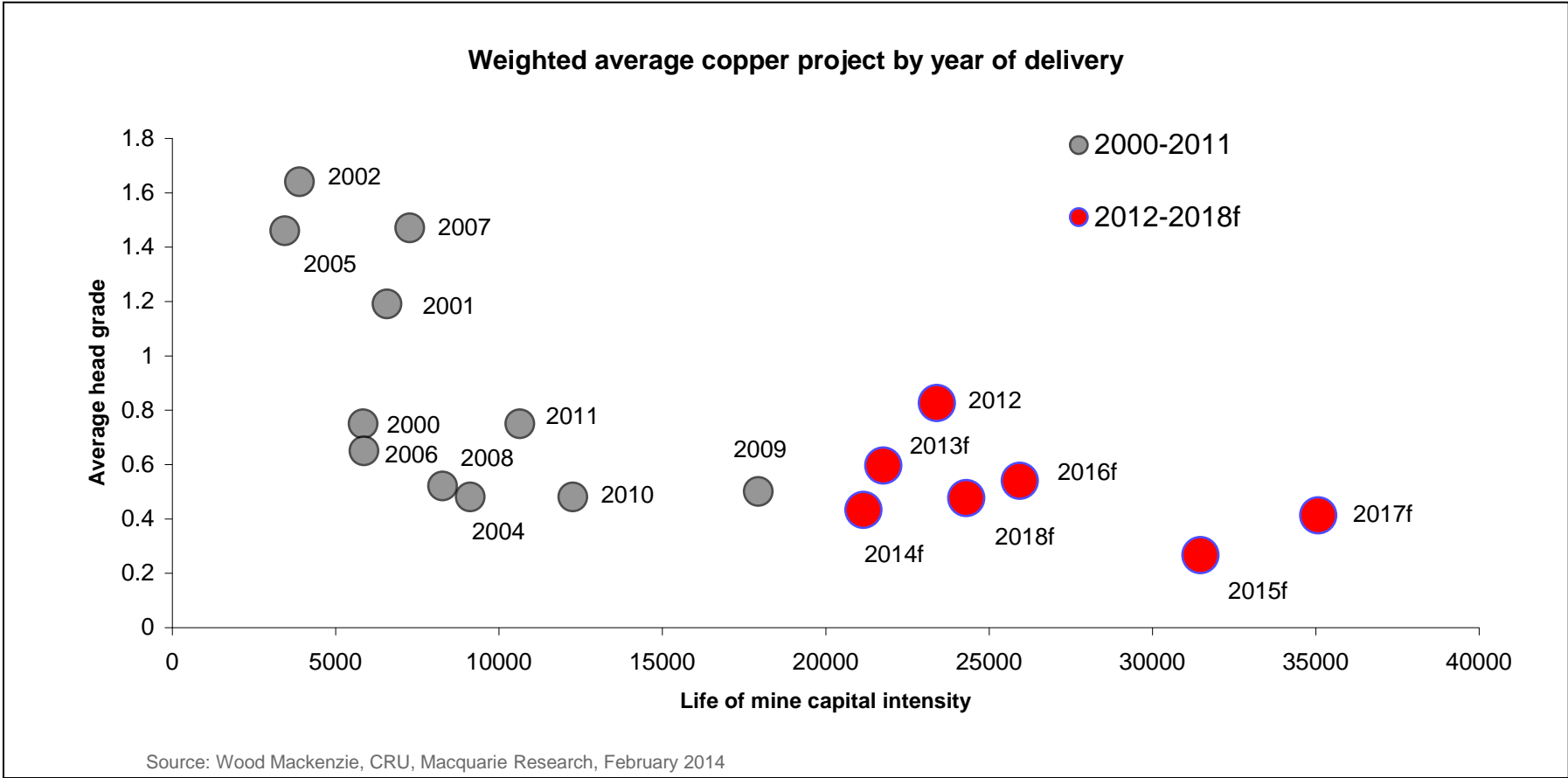
Why is Capital Intensity Rising?

- Falling grades
- Difficult geographies
- Geopolitics



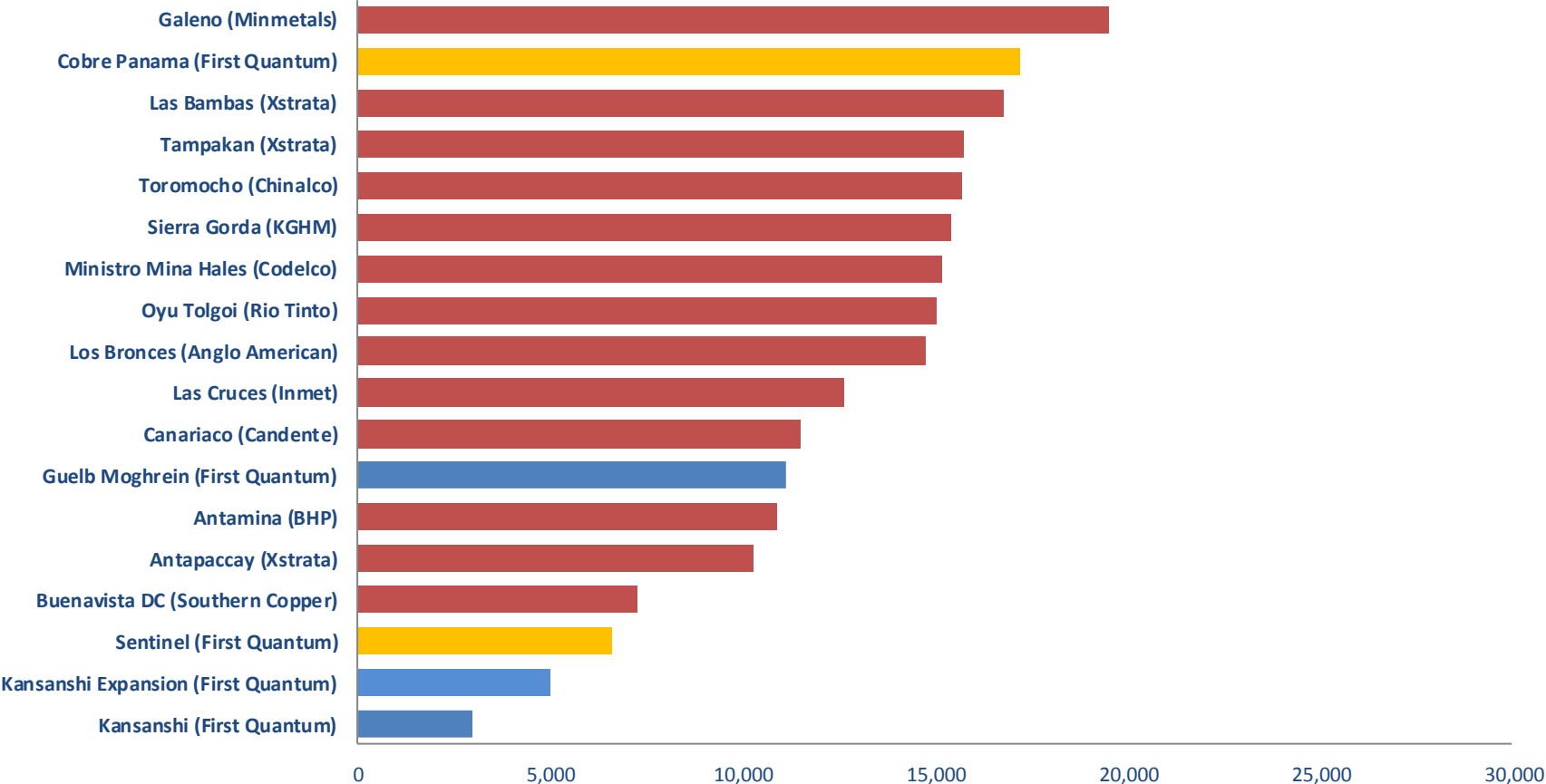
Source: Brook Hunt, Freeport McMoRan

As Head Grades Fall, Capital Intensity Rises Rapidly



But it is Possible to Build Projects Efficiently

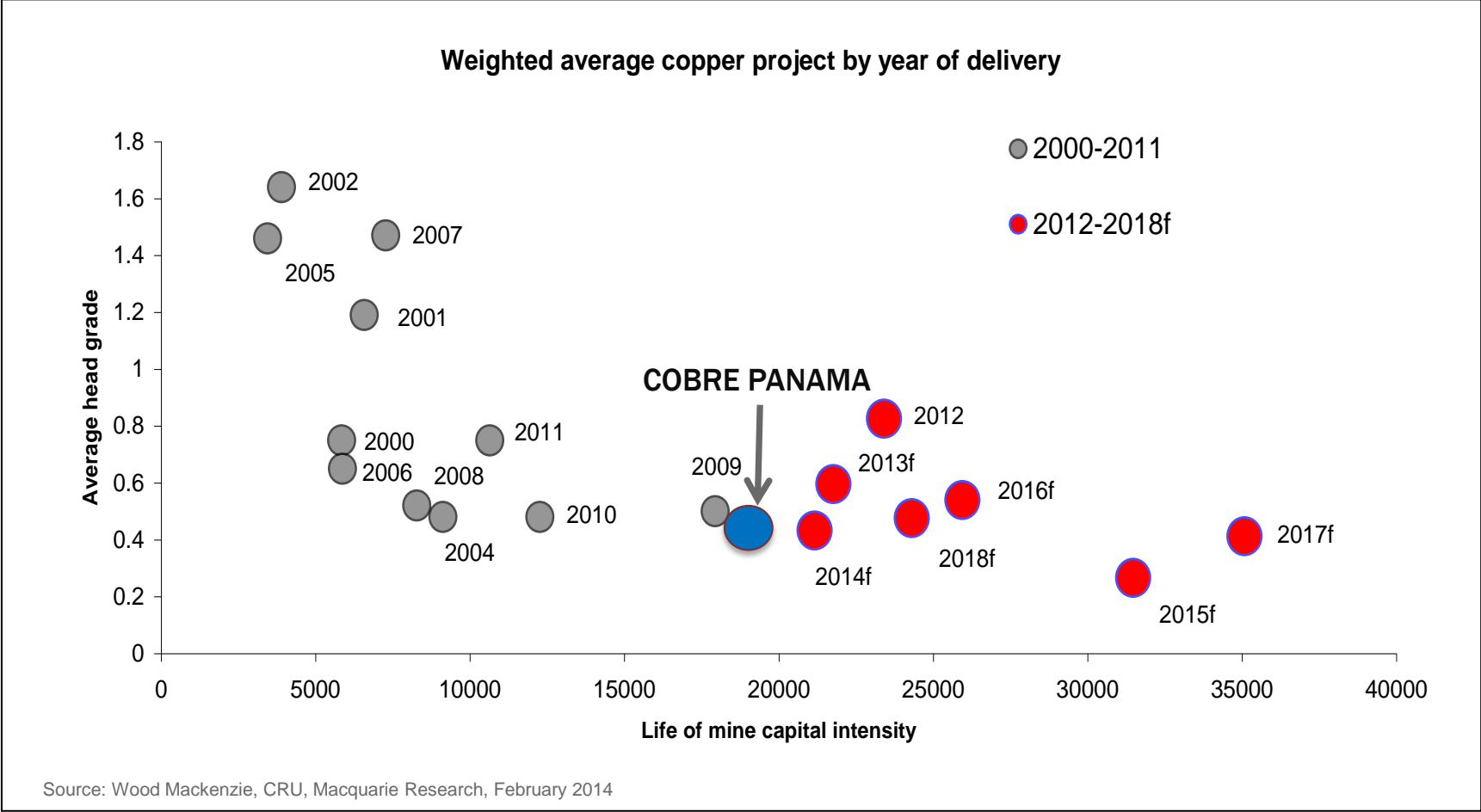
Capital Intensity
(US\$ / t)



Source: First Quantum, Broker Research

■ A current First Quantum project
■ A producing First Quantum mine

Cobre Panama Has Substantially Lower Capital Intensity Compared to Other Projects with Similar Start-Up Horizons



High-Quality, Stable Operations

Operating Mines

- 1 Kansanshi
- 2 Guelb Moghrein
- 3 Ravensthorpe
- 4 Kevitsa
- 5 Las Cruces
- 6 Çayeli
- 7 Pyhäsalmi



High-Quality, Stable Operations

Kansanshi Cu-Au mine, Zambia

- Located near Solwezi in the north western Province of Zambia
- First production in 2005
- Open pit mining
- Flexible ore treatment to allow for variation in ore type :
 - sulphide circuit; oxide circuit; gold facility
- As at December 31, 2013, the estimated mine life was ~17 years
- Workforce = ~1,937



High-Quality, Stable Operations

Kansanshi Cu-Au mine, Zambia

- Q1 2014
 - 71 kt of copper
 - 40 kozs of gold
 - \$1.57/lb copper C1 cash cost
- 2014 outlook
 - 255 to 270 kt of copper
 - 145 to 160 kozs of gold
- Multi-phase capacity expansion project
 - 2012 - 2017
60% increase in overall production capacity
 - 2012 - 2014
130% increase in oxide production capacity
 - 2017
90% increase in sulphide production capacity

Expansion Project	Capacity	Completion	Estimate Cost (US\$M)	Production Impact
Oxide	7.2 Mtpa	Complete	34	Copper: 10,000 - 15,000 Tpa
Oxide	14.5 Mtpa	Complete	280	Copper: 60,000 - 75,000 Tpa
Sulphide	25 Mtpa	2017	565	Copper: 60,000 - 70,000 Tpa

High-Quality, Stable Operations

Guelb Moghrein Cu-Au mine, Mauritania

- 100% ownership
- Located 250 kilometres northeast of the nation's capital, Nouakchott
- As at December 31, 2013, the estimated mine life was ~ 8 years (including stockpiles) based on current operations
- First production in 2006
- Workforce = ~1,170



High-Quality, Stable Operations

Guelb Moghrein Cu-Au mine, Mauritania

- Q1 '14
 - 9 kt tonnes of copper
 - 14 kozs of gold
 - \$1.56/lb copper C1 cash cost
- 2014 Outlook
 - 36 to 39 kt of copper
 - 55 to 60 k ozs of gold
- Magnetite plant project:
 - In detailed design stage
 - Estimated capex of \$50M
 - Expected annual production of 1M - 2M tonnes of 69% Fe magnetite concentrate
 - Expected start up in mid-2014
 - Expected to extend mine life through retreatment of tailings dam



High-Quality, Stable Operations

Ravensthorpe Ni mine, Australia

- Acquired as a decommissioned plant in 2010
- First production within 20 months of purchase
- Estimated mine life of 32 years
- Commercial production declared Dec 2011
- Workforce = ~428
- Q1 '14
 - 9 kt of nickel @ \$4.02/lb C1 cash cost
- 2014 Outlook = 33 to 37 kt of nickel



High-Quality, Stable Operations

Kevitsa Ni-Cu-PGE mine, Finland

- Built, commissioned and started commercial operations within 36 months of board approval
- Estimated mine life of 29 years
- Commercial production declared August 2012
- Workforce = ~337
- Further potential
 - Process optimization
 - Approval to increase throughput to a maximum of 10 Mtpa from 5.5 Mtpa
- Q1 '14 = 4 kt of copper @ \$1.52/lb C1 cash cost ; 2 kt of nickel @ \$5.19/lb nickel C1 cash cost
- 2014 Outlook = 69 to 72 kt of copper; 9 to 10 kt of nickel



High-Quality, Stable Operations

Las Cruces Cu mine, Spain

- Acquired in March 2013
- Estimated mine life of 9 years; potential for extension
- Current average reserve grade of 5.4% copper
- Workforce = ~254
- Q1 '14
 - 19 Kt of copper; \$0.98/lb copper C1 cash cost
- 2014 Outlook
 - 69 to 72 kt of copper



High-Quality, Stable Operations

Çayeli Cu-Zn mine, Turkey

- Acquired in March 2013
- Estimated mine life of 6 years with potential for an additional 3 years
- Average grade of 3.1% copper and 3.6% zinc
- Workforce = ~520 employees
- Q1 '14
 - 7 kt of copper; 10 kt of zinc
 - \$0.76/lb copper C1 cash cost
- 2014 Outlook
 - 27 to 29 kt of copper
 - 38 to 42 kt of zinc



High-Quality, Stable Operations

Pyhäsalmi Cu-Zn mine, Finland

- Acquired in March 2013
- One of the most efficient underground mines in the world
- Estimated mine life of 6 years
- Average grade of 1.05% copper and 1.79% zinc
- Workforce = ~228 employees
- Q1 '14
 - 4 kt of copper; 5 kt of zinc
 - \$0.52/lb copper C1 cash cost
- 2014 Outlook
 - 14 to 15 kt of copper; 21 to 23 kt of zinc



Strong Q1 2014 Results

- **Production up**

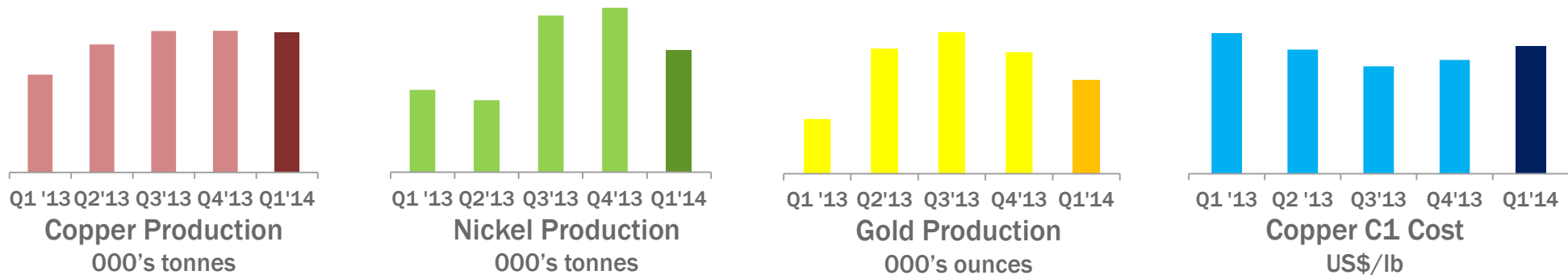
- Copper up 43% to 113,118 tonnes
- Nickel up 7% to 11,838 tonnes
- Gold up 8% to 60,164 ounces
- Platinum and palladium up 22% to 15,342 ounces

- **Cash cost lowered**

- Copper down 9% to \$1.38 per pound
- Nickel down 18% to \$4.37 per pound

- **Comparative net earnings of \$126.8 million or \$0.22 per share inclusive of:**

- \$26.7 million or \$0.05 per share of unfavorable, recurring acquisition-related adjustments.
- Unfavorable impact of \$152 million from lower commodity prices and the build-up in concentrate inventory at Kansanshi



Full Year 2014 Guidance

- **Production**
 - Copper between 418,000 - 444,000 tonnes
 - Nickel between 42,000 - 47,000 tonnes
 - Gold between 221,000 - 246,000 ounces
 - Zinc between 59,000 - 65,000 tonnes
 - Palladium and platinum between 22,000 - 24,000 ounces each
- **C1 cash cost**
 - Copper between \$1.32 - \$1.48/lb.
 - Nickel between \$4.40 - \$4.90/lb.
- **Capital expenditures**
 - \$2.1B to \$2.2B





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