Our Record Speaks For Itself

December 2012

FIRST QUANTUM MINERALS LTD.

TSX: FM; LSE: FQM
Cautionary Note Concerning Forward-Looking Statements

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 Today

• A significant copper producer
  – 2012E: 285k – 295k tonnes

• A new and growing nickel producer
  – 2012E: 36k– 40k tonnes

• On the cusp of transformational growth
  – Copper: tripling production capacity
  – Nickel: increasing annual production capacity to 125k tonnes

• Delivering growth at costs well below industry norms
## First Quantum Today

### Strong Financial Position

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept 30, 2012 $ millions</td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td>$375</td>
</tr>
<tr>
<td>Total Debt</td>
<td>$55</td>
</tr>
<tr>
<td>Undrawn and available financing</td>
<td>$1,250</td>
</tr>
<tr>
<td>Note receivable 2015</td>
<td>$500</td>
</tr>
</tbody>
</table>
First Quantum Today

Diversifying the Balance Sheet

• $350 million Senior Notes
• Interest @ 7.25% per annum paid semi-annually
What We have Delivered

Best-in-class Copper Growth 2000 – 2011

- Barrick
- Southern Copper
- First Quantum
- Teck
- Glencore
- Freeport
- Antofagasta
- Anglo American
- BHPB
- Codelco
- Norilsk
- KGHM
- Kazakhmys
- Rio Tinto

Leading Shareholder Returns* 2000 – 2011

- First Quantum 32%
- Inmet
- Southern Peru
- Antofagasta
- Norilsk
- Vale
- BHP Billiton
- Teck
- Eramet
- Freeport
- Hudbay
- Lundin
- Rio Tinto
- Xstrata
- Vedanta
- Anglo American
- Kazakhmys
- ENRC

*Annualized
Looking Forward: Our Production Targets

Copper
000's tonnes

Nickel
000's tonnes
A New & Growing Nickel Producer

Ravensthorpe mine, Australia

• Acquired as a decommissioned plant

• First production within 20 months of purchase

• Commercial production declared Dec 28 2011

• Production
  – Q4’11 : 5,666 tonnes
  – Q1’12 : 6,617 tonnes
  – Q2’12 : 8,053 tonnes
  – Q3’12 : 8,032 tonnes

• C1 cash cost 1H’12 : $6.43/payable lb of nickel
A New & Growing Nickel Producer

Kevitsa project, Finland

- Nickel-copper-PGE project
- Commercial production achieved on August 18, 2012
- Initial ore feed of 5.5 mt/yr; intention to expand by ~50% in 2013
- Target operations:
  - 10 ktpa nickel @ ~$6.70 - $7.00 /lb
  - 20 ktpa copper @ ~$1.45 - $1.60 /lb
A New & Growing Nickel Producer

**Enterprise target, Zambia**

- Located 12 km northwest of Sentinel

- M&I resource estimate for the Main and Southwest Zones of 40.1 Mt @ 1.07% Ni; plus an additional 7.0 Mt @ 0.7% Ni in inferred resources

- Preliminary evaluation:
  - Potential to develop an open pit 4.0 Mtpa operation
  - Average Ni production rate of 38,000 tpa
  - Head grades may be varied to reflect changes in the Ni price cycle therefore at certain times production could peak at 60,000 tonnes
Tripling Copper Production Capacity

Sentinel project, 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
  - $1.7B capex
  - Annual production up to 300,000 tonnes
Tripling Copper Production Capacity

Sentinel project, Zambia

• Commercial terms for electric power agreed in principle

• Board approval granted

• Full-scale development started within original timeframe

• Detailed design progressing; commitments for long-lead items in place

• Construction completion targeted for late 2014
**Tripling Copper Production Capacity**

**Copper smelter, Zambia**

- Processing capacity of 1.2 Mtpa
  - 71% Sentinel
  - 100% Kansanshi
  - Average copper grade 26%

- Blister copper production 300,000 tpa; acid production 1.0 Mtpa

- Estimates:
  - Capital cost of US$650M
  - Operating cost US$69/tonne of concentrate
  - Commissioning from mid 2014
Economic Benefits of the Copper Smelter

Total Annual Savings
* US$340 MM – US$510 MM

• Transport
  Kansanshi
  Sentinel
  Cost savings per annum
  * 100% of concentrate to smelter
  * 71% of concentrate to smelter and remainder for export
  * Concentrate @ US$220 /t: US$130 MM – US$200 MM

• Export Levy on Concentrate
  Current
  Blister Production
  Cost savings per annum
  * 10% of export value
  * 230,000 - 310,000 tpa
  * Cu @ US$7,000 /t: US$160 MM – US$220 MM

• Acid Supply
  Current Consumption
  Increase with AP5
  Cost savings per annum
  * 1,200 tpd @ US$200 / t: US$90 MM / year
  * +900 tpd @ US$200 / t: US$150 MM / year
Tripling Copper Production Capacity

Haquira project, Peru

• Large scale copper project located in southern Peru
  - M&I resource of 3.7 Mt of copper equivalent and an inferred resource of 2.4 Mt of copper equivalent

• Current focus:
  - Community relations and land access; expanding drill program and environmental matters
Building a Portfolio of Early-Stage Projects

• **19.99% ownership stake in Zincore Metals Inc.**
  – Mineral exploration company focused mainly on zinc and related base metal opportunities in the Americas, namely Peru, Mexico and Canada
  – Delores copper porphyry project located ~ 40 km from Haquira

• **19.2% ownership stake in Empire Mining Company**
  – Bursa Licenses cover the Demirtepe skarn and Karapinar porphyry projects in Western Turkey
A Significant Copper Producer

Kansanshi mine, Zambia

• Located near Solwezi in the north western Province of Zambia

• First production in 2005

• Open pit mining

• Updated Mineral Resource & Reserve Estimates:
  – 121% increase in M&I estimate to 744.3 Mt @ 0.86 TCu
  – 178% increase in Proved and Probable Reserve estimate to 725.6 Mt @ 0.82% TCu
  – Additional Inferred Resource estimate of 365.5 Mt @ 0.71% TCu
  – Mine life extended to 16 years – at the increased 50Mtpa throughput rate
A Significant Copper Producer

Kansanshi mine, Zambia

- Multi-phase production expansion project underway
  - 2012 – 2015
    60% increase in overall production capacity
  - 2012 – 2014
    130% increase in oxide production capacity
  - 2014 - 2015
    90% increase in sulphide production capacity
A Significant Copper Producer

Guelb Moghrein mine, Mauritania

• 100% ownership

• Located 250 kilometres northeast of the nation’s capital, Nouakchott

• As at December 31, 2011, the estimated minelife was ~10 years (including stockpiles)

• First production in 2006

• Workforce of ~1,200
A Significant Copper Producer

Guelb Moghrein mine, Mauritania

- Record quarterly throughput in Q1’12

- Continuous improvement
  - Augmenting mining operations with the addition of larger equipment
  - Optimizing flotation performance with improved auto control and reagent changes
Within the Top 10 Largest Producers by 2016

Projected 2016 Copper Producer Landscape

- Freeport
- Codelco
- Xstrata
- BHPB
- Southern Copper
- Anglo American
- Rio Tinto
- Antofagasta
- Vale
- KGHM
- Norilsk
- Kazakhmys
- Glencore
- Barrick
- Teck
- Vedanta
- First Quantum - 2011
Capital Intensity – US$/Tonne

- Cobre Panama
- Caracoles
- Caserones
- Sierra Gorda
- El Moro
- Telegraphio
- Tampakan
- Toromocho
- Oyu Tolgoi
- Las Bambas
- Salobo
- Los Bronces
- Cerro Verde
- Ministro Mina Hales
- Quebrada Blanca
- Canarico
- Quellaveco
- Rio Blanco
- Antamina
- Antapaccay
- Galeno
- Buena Vista
- Konkola
- Sentinel

- Kansanshi Expansion

$5,000
$6,000
How We Do Projects

- Define and plan, set contracting strategy early
- Identify risks
- Copy existing designs, duplication, standardization
- Maximize commonality of equipment
- Maximize in-house work:
  - Project management
  - Technical involvement
  - Procurement, expediting, logistics, shipping
  - Self perform construction
  - Own tools and equipment
  - FQM construction supervision
- Efficient construction labour from Indonesia and Philippines
What Our Shareholders Own

The ability and proven track record to add value through efficient delivery of growth at costs below industry norms

- A substantial copper producer; within the world’s top ten by 2016
- An emerging nickel producer; within the world’s top ten by 2016
- A strong financial position
- Production in an industry with strong fundamentals
Our Record Speaks For Itself
## A New & Growing Nickel Producer

### Enterprise Nickel Project (Main and SW)

**Mineral Resource Estimate as at 28th November 2012**

Cut-off grade of 0.15% Ni

<table>
<thead>
<tr>
<th></th>
<th>Tonnage (million tonnes)</th>
<th>Grade (Ni %)</th>
<th>Contained Ni (kilo tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Zone - Measured</td>
<td>2.7</td>
<td>1.51</td>
<td>41</td>
</tr>
<tr>
<td>Main Zone - Indicated</td>
<td>34.3</td>
<td>1.08</td>
<td>372</td>
</tr>
<tr>
<td>SW Zone - Indicated</td>
<td>3.1</td>
<td>0.60</td>
<td>18</td>
</tr>
<tr>
<td>Total Measured &amp; Indicated</td>
<td>40.1</td>
<td>1.07</td>
<td>431</td>
</tr>
<tr>
<td>Main Zone - Inferred</td>
<td>2.5</td>
<td>0.92</td>
<td>23</td>
</tr>
<tr>
<td>SW Zone - Inferred</td>
<td>4.6</td>
<td>0.58</td>
<td>27</td>
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<tr>
<td>Total Inferred</td>
<td>7.1</td>
<td>0.70</td>
<td>50</td>
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</table>

### Enterprise Nickel Project (Main Zone only)

**Reserve Estimate November 2012**

<table>
<thead>
<tr>
<th></th>
<th>Tonnage (million tonnes)</th>
<th>Grade (Ni %)</th>
<th>Contained Ni (kilo tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proven</td>
<td>2.7Mt</td>
<td>1.44%</td>
<td>39.0</td>
</tr>
<tr>
<td>Probable</td>
<td>30.0Mt</td>
<td>1.08%</td>
<td>324.0</td>
</tr>
<tr>
<td>Total Proven &amp; Probable</td>
<td>32.7Mt</td>
<td>1.10%</td>
<td>363.0</td>
</tr>
</tbody>
</table>