



ThompsonCreek

METALS COMPANY INC.



GROWING, DIVERSIFIED NORTH AMERICAN MINING COMPANY

INVESTMENT HIGHLIGHTS

- Excellent safety and environmental record
- Diversified portfolio of assets, including molybdenum, copper, gold and silver
- Significant cash flow increase projected Q4 2013 with commencement of copper and gold production at Mt. Milligan
- Low geo-political risk with all assets located in North America
- Longer-term development projects present organic growth opportunities

THOMPSON CREEK FINANCIALS

(millions US\$, except per-share amounts)	Q1 2013	2012	2011	2010
Revenues	\$ 108.7	\$ 401.4	\$ 669.1	\$ 594.8
Net (loss) income	\$ 0.9	\$(546.3) ¹	\$ 292.1	\$ 113.7
Adjusted net income (loss)	\$ 0.9	\$(34.7) ²	\$ 122.9	\$ 163.3
Cash (used) generated by operating activities	\$ 15.3	\$(82.8)	\$ 202.7	\$ 157.4
Net income (loss)/diluted share	\$ -	\$(3.24) ¹	\$ 1.73	\$ 0.75
Adjusted net income (loss)/diluted share	\$ -	\$(0.20) ²	\$ 0.73	\$ 1.07 ²

¹ Includes non-cash gain related to warrants of \$1.8 million, or \$0.01 per diluted share, non-cash goodwill impairment loss of \$47.0 million, or \$0.28 per diluted share, and non-cash asset write down of \$530.5 million, or \$3.15 per diluted share.

² Excludes the non-cash goodwill impairment loss of \$47.0 million, non-cash asset write down of \$530.5 for 2012, and excludes non-cash unrealized gains or losses related to the Company's previously outstanding common share purchase warrants as follows: non-cash gain of \$1.8 million in 2012, non-cash gain of \$169.2 million in 2011, and non-cash loss of \$49.6 million in 2010.

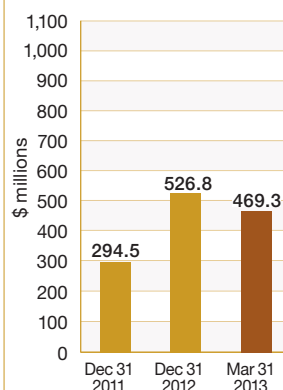
CAPITAL STRUCTURE (millions, except share price)

Stock Symbols	NYSE: TC, TSX: TCM
Common shares (basic)	170.7
tMEDS	45.7
Options, restricted/performance shares	5.7
Common shares (fully diluted)	222.1
Share price*	\$3.15
Market capitalization*	\$537.7
52-week high/low	\$2.25/\$5.32

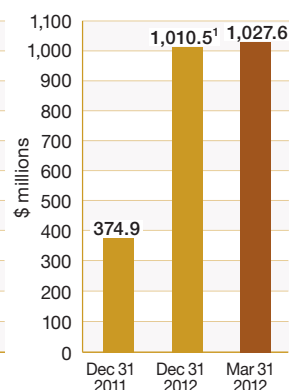
* As of May 6, 2013

CASH BALANCES AND DEBT

CASH AND INVESTMENTS

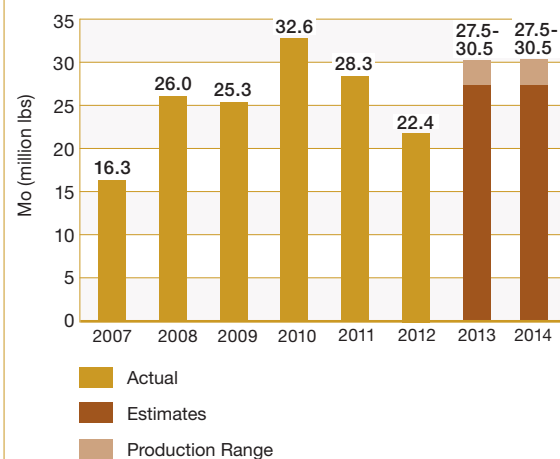


DEBT OUTSTANDING



¹ Includes capital leases.

MOLYBDENUM PRODUCTION



www.thompsoncreekmetals.com

Top photo: Conveyor at the Mt. Milligan Copper-Gold Mine Development Project, British Columbia

OUR OPERATIONS AND GROWTH PROJECTS



Open Pit at the Thompson Creek Mine, Idaho



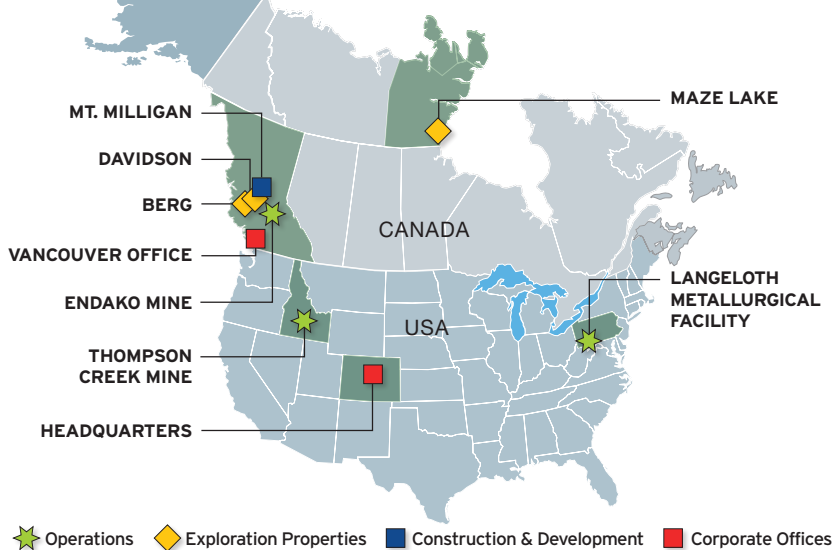
Ferromolybdenum production at the Langeloth Metallurgical Facility



New Mill expansion at the Endako Mine, British Columbia



Electric-powered shovel at Mt. Milligan, British Columbia



US OPERATIONS

Thompson Creek Mine

The Thompson Creek Mine is a primary molybdenum mine located in mountainous terrain approximately 35 miles southwest of Challis in Idaho's Custer County, a historic mining area. The mine has been in operation since 1983 and uses conventional open-pit mining methods. The mill has the capacity to process approximately 30,000 tons of ore per day to produce molybdenum sulfide concentrate, which is then roasted at the Company's Langeloth Metallurgical Facility into molybdenum trioxide, ferromolybdenum products, and other specialty products.

Langeloth Metallurgical Facility

The Langeloth Metallurgical Facility, located 25 miles west of Pittsburgh, Pennsylvania, is a world-class facility with a long history of producing high-quality metallurgical products used mainly in the steel and chemical industries. The facility has roasting capacity of 35 million pounds of molybdenum per year. Four multiple-hearth furnaces are used for the conversion (roasting) of molybdenum disulfide concentrates into technical grade molybdenum oxide (tech oxide), which is sold in powder form or briquettes or converted into pure molybdenum oxide or ferromolybdenum. Two other furnaces process spent catalyst material containing other metals.

CANADIAN OPERATIONS

Endako Mine

The Endako mine is an open pit primary molybdenum mine located 188 miles west of Prince George, British Columbia, and has been in operation since 1965. The mine is operated as a joint venture between Thompson Creek Metals Company and Sojitz Corporation. The Endako mine is comprised of three contiguous pits: Endako, Denak East, and Denak West. In the first quarter of 2012, the Company completed the Endako mill expansion project, which included the construction of a new mill, replacing the 45-year old mill. The new mill is designed to meet ore-processing capacity of 55,000 tons per day.

GROWTH PROJECTS

Berg Property

The Berg property is a copper-molybdenum-silver deposit with significant resources located in west-central British Columbia.

Davidson Property

The Davidson property is a high-grade molybdenum deposit located under Hudson Bay Mountain near Smithers, British Columbia.

MT. MILLIGAN COPPER-GOLD MINE DEVELOPMENT



Truck shop, warehouse and administrative buildings at Mt. Milligan, British Columbia

Mt. Milligan on Schedule

- Start up expected Q3 2013
- Commercial production expected Q4 2013
- Overall project completion is estimated to be at 89%
- Current total capital expenditure estimate is approx. C\$1.5 billion
- Remaining capital expenditure as of March 31, 2013 is approx. C\$240 million

PROJECT FACTS

- Copper-gold deposit
- Conventional truck-shovel open-pit mine
- Small footprint - approximately 4 km x 3 km
- Expected mill capacity of 60,000 tons per day
- Approximately 400 full-time jobs once mine is operational



Cu Production² 81 million pounds per year (average LOM)
89 million pounds per year (years 1-6)

Au Production² 194,000 ounces per year (average LOM)
262,000 ounces per year (years 1-6)

Proven and Probable Mineral Reserve²

- 2.1 billion pounds Cu Average grade of 0.20%
- 6.0 million ounces Au Average grade of 0.011 oz/t

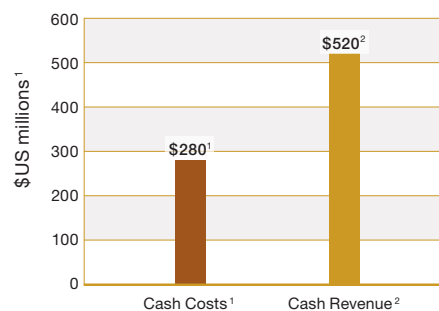
Measured and Indicated Mineral Resources²

- 716 million pounds Cu Average grade of 0.15%
- 1.5 million ounces Au Average grade of 0.006 oz/t



240-ton haul truck at Mt. Milligan, British Columbia

SIGNIFICANT CASH FLOW POTENTIAL



¹ Based on Proven and Probable Mineral Reserves.

² The production, mineral reserve and resource estimates were prepared by Herbert E. Welhener, MMSA-QPM, of IMC, who is a Qualified Person under NI 43-101. The mineral reserve and resource estimates were prepared in accordance with definitions and requirements of 43-101. Mineral reserves are equivalent to "proven and probable" reserves as defined by SEC Industry Guide 7. Mineral resources are equivalent to "mineralized material" as defined by SEC Industry Guide 7. A technical report entitled "Technical Report—Feasibility Update Mt. Milligan Property—Northern BC" dated October 13, 2009 was filed on SEDAR on October 13, 2011.

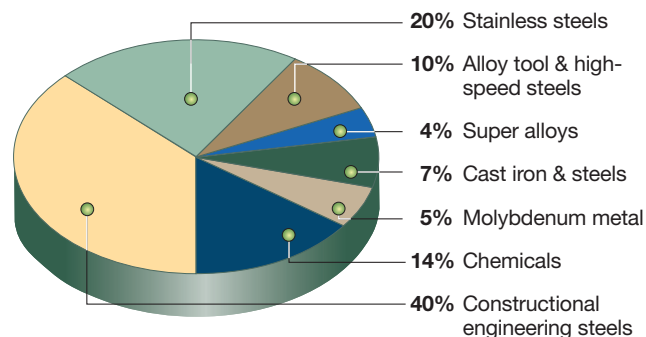
¹ Estimated cash costs include operating costs, refining/smeltering costs, and transportation. Assumes average annual production of 89 million lbs of copper in concentrate (85.4 million lbs of payable copper) and 262,000 oz of gold in concentrate (255,000 oz of payable gold) for years 1-6 of full production. Exchange rate is assumed at parity (C\$.100 = US\$1.00).

² Bloomberg pricing as of May 6, 2013: Cu - \$3.30/lb; Au - 47.75% @ \$1,470 oz and 52.25% @ \$435/oz (per Amended and Restated Gold Stream Agreement with Royal Gold).

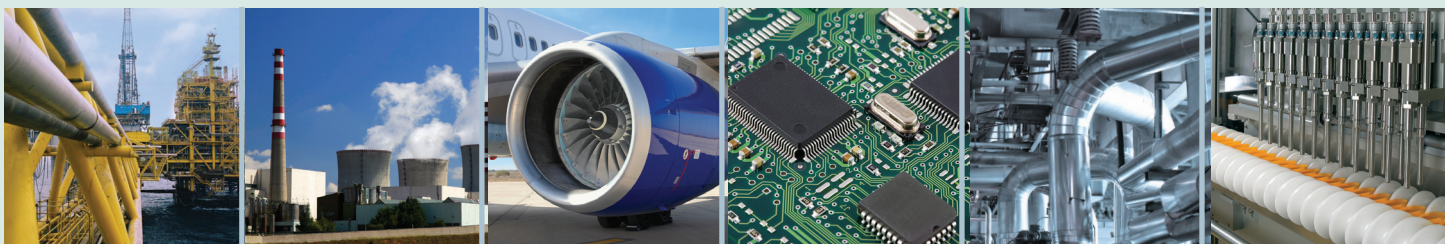
POSITIVE OUTLOOK FOR MOLYBDENUM

Molybdenum is truly a “wonder metal.” It is used for making steel strong and corrosion resistant and is required wherever steel faces tough, challenging conditions, such as offshore drilling rigs, power plants, ships, turbine engines, tools, hospital equipment and desalination plants. It plays an important role in environmental protection, since it is included in nuclear reactors and oil and gas pipelines to prevent leaks and as a catalyst in oil refining to reduce sulfur in fuels. Molybdenum is also valued as a specialty high-performance lubricant and is a component in flame retardants, fertilizers and even vitamin supplements.

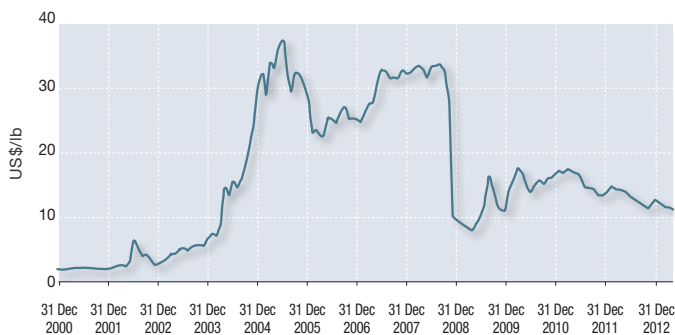
FIRST USES OF MOLYBDENUM*



* Molybdenum use for 2010
Source: International Molybdenum Association (“IMO”)

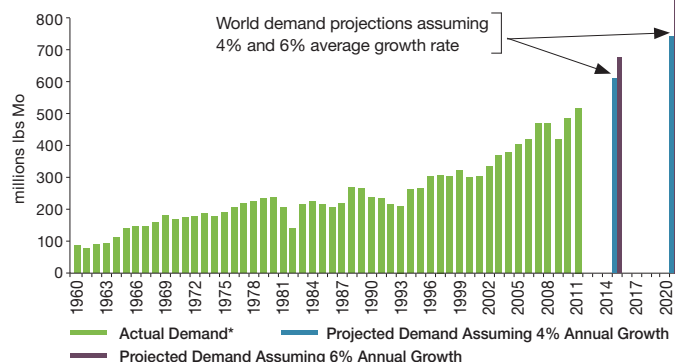


MOLYBDENUM OXIDE PRICE PERFORMANCE



Source: Bloomberg

WORLD MOLYBDENUM DEMAND



*Source: CRU and other industry sources (CRU data only for 2005 to 2010)

Cautionary Note Regarding Forward-Looking Statements

This document contains “forward-looking statements” within the meaning of the United States Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, Section 21E of the Securities Act of 1934, as amended and applicable Canadian securities legislation, which are intended to be covered by the safe harbor created by those sections and other applicable laws. These forward-looking statements generally are identified by the words “believe,” “project,” “expect,” “anticipate,” “estimate,” “intend,” “future,” “opportunity,” “plan,” “may,” “should,” “will,” “would,” “will be,” “will continue,” “will likely result,” and similar expressions. Our forward-looking statements include statements with respect to: the future financial or operating performance of the Company or its subsidiaries and its projects; access to existing or future financing arrangements, future inventory, production, sales, cash costs, capital expenditures and exploration expenditures; future earnings and operating results; expected concentrate and recovery grades; statements as to the projected development of Mt. Milligan and other projects, including expected production commencement dates; Mt. Milligan development costs; future operating plans and goals; and future molybdenum prices.

Where we express an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, our forward-looking statements are based on current expectations and assumptions that are subject to risks and uncertainties which may cause actual results to differ materially from future results expressed, projected or implied by those forward-looking statements. Important factors that could cause actual results and events to differ from those described in such forward-looking statements can be found in the section entitled “Risk Factors” in Thompson Creek’s Annual Report on Form 10-K for the year ended December 31, 2011, Quarterly Reports on Form 10-Q and other documents filed on EDGAR at www.sec.gov and on SEDAR at www.sedar.com. Although we have attempted to identify those factors that could cause actual results or events to differ from those described in such forward-looking statements, there may be other factors that cause results or events to differ from those anticipated, estimated or intended. Many

of these factors are beyond our ability to control or predict. Given these uncertainties, the reader is cautioned not to place undue reliance on our forward-looking statements. We undertake no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events, or otherwise, and investors should not assume that any lack of update to a previously issued forward-looking statement constitutes a reaffirmation of that statement.

Cautionary Note to our United States and Other Investors Concerning Estimates of Measured, Indicated and Inferred Mineral Resources: This fact sheet uses the terms “Measured”, “Indicated” and “Inferred” Resources. United States investors are advised that while such terms are recognized by Canadian regulations, the United States Securities and Exchange Commission (the “SEC”) only permits United States mining companies, in their filings with the SEC, to disclose those mineral deposits that a company can economically and legally extract or produce in accordance with SEC Industry Guide 7. Our United States and other investors are cautioned not to assume that all or any part of Measured or Indicated Mineral Resources will ever be converted into Mineral Reserves or that all or any part of an Inferred Mineral Resource exists, or is economically or legally mineable.

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