

Teck

Global Metals & Mining Conference

November 16, 2016



Forward Looking Information

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Both these slides and the accompanying oral presentations contain certain forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 and forward-looking information within the meaning of the Securities Act (Ontario). Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Teck to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These forward-looking statements include statements relating to the long-life of our assets and estimated resource life, estimated profit and estimated EBITDA and the sensitivity of estimated profit and estimated EBITDA to foreign exchange and commodity prices, production guidance and cost guidance. sensitivities of profit and EBITDA to foreign exchange and commodity price movements, our expectation regarding market supply and demand in the commodities we produce, expectation that we will achieve further unit cost reductions in 2016, 2016 production and cost guidance, coal EBITDA and cash flow potential, 2016 capital expenditure guidance, future options for growth projects, the effect of US dollar oil price changes on our Canadian dollar cost savings, coal 5-year planning objectives, potential increases in port capacity, our expectation that we will end 2016 with at approximately C\$1 billion in cash, our statements regarding the Fort Hills capital expenditures and our ability to fund those, our level of liquidity, statements regarding our credit rating, the availability of or credit facilities and other sources of liquidity, statements regarding our coal growth potential, the conceptual future production profile for coal, the potential benefits of LNG use in haul trucks, all projections for NuevaUnión, including statements made on the "NuevaUnión Summary" slide, Red Dog resource potential, the projected acquisition of the remaining interest on the Teena/Reward project, statements regarding the production and economic expectations for the Fort Hills project, including but not limited to operating and sustaining cost projections, sustaining capital projection, free cash flow projections, netback assumptions and calculations, operating margin, Alberta oil royalty, net margin, Teck's share of go-forward capex, mine life, capital cost projections, all statements made on the "Fort Hills Key Numbers" and "Fort Hills Project Economics Are Robust" slides, transportation capacity and our ability to secure transport for our Fort Hills production, and management's expectations with respect to production, demand and outlook regarding coal, copper, zinc and energy.

These forward-looking statements involve numerous assumptions, risks and uncertainties and actual results may vary materially, which are described in Teck's public filings available on SEDAR (www.sedar.com) and EDGAR (www.sec.gov). In addition, the forward-looking statements in these slides and accompanying oral presentation are also based on assumptions, including, but not limited to, regarding general business and economic conditions, the supply and demand for, deliveries of, and the level and volatility of prices of, zinc, copper and coal and other primary metals and minerals as well as oil, and related products, the timing of the receipt of regulatory and governmental approvals for our development projects and other operations, our costs of production and productivity levels, as well as those of our competitors, power prices, continuing availability of water and power resources for our operations, market competition, the accuracy of our reserve estimates (including with respect to size, grade and recoverability) and the geological, operational and price assumptions on which these are based, conditions in financial markets, the future financial performance of the company, our ability to attract and retain skilled staff, our ability to procure equipment and operating supplies, positive results from the studies on our expansion projects, our coal and other product inventories, our ability to secure adequate transportation for our products, our ability to obtain permits for our operations and expansions, our ongoing relations with our employees and business partners and joint venturers. Reserve and resource life estimates assume the mine life of longest lived resource in the relevant commodity is achieved, assumes production at planned rates and in some cases development of as yet undeveloped projects. Management's expectations of mine life are based on the current planned production rates and assume that all resources described in this presentation are developed. Certain forward-looking statements are based on assumptions regarding the price for Fort Hills product and the expenses for the project, as disclosed in the slides. Our estimated profit and EBITDA sensitivity estimates are based on the commodity price and currency exchange assumptions stated on the relevant slide. Our estimated year-end cash balance assumes current commodity prices and exchange rates, our 2016 guidance for production, costs and capital expenditures, existing US\$ debt levels and no unusual transactions. Cost statements are based on assumptions noted in the relevant slide. Coal EBITDA and cash flow potential assumptions are noted in the slide titled "Coal EBITDA & Cash Flow Potential". Our expectation that we will end the year with a cash balance of approximately C\$1 billion is based on current prices and exchange rates and assumes no unusual transactions or events occur and that we meet our full year guidance for production, costs and capital expenditures. Assumptions regarding Fort Hills also include the assumption that project development and funding proceed as planned, as well as assumptions noted on the relevant slides discussing Fort Hills. Assumptions regarding our potential reserve and resource life assume that all resources are upgraded to reserves and that all reserves and resources could be mined. The foregoing list of assumptions is not exhaustive. Assumptions regarding NuevaUnión include that the project is built and operated in accordance with the conceptual preliminary design from a preliminary economic assessment. Acquisition of 49% interest in the Teena/Reward zinc project is based on the assumption that all conditions to closing are satisfied.

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Factors that may cause actual results to vary materially include, but are not limited to, changes in commodity and power prices, changes in market demand for our products, changes in interest and currency exchange rates, acts of foreign governments and the outcome of legal proceedings, inaccurate geological and metallurgical assumptions (including with respect to the size, grade and recoverability of mineral reserves and resources), unanticipated operational difficulties (including failure of plant, equipment or processes to operate in accordance with specifications or expectations, cost escalation, unavailability of materials and equipment, government action or delays in the receipt of government approvals, industrial disturbances or other job action, adverse weather conditions and unanticipated events related to health, safety and environmental matters), union labour disputes, political risk, social unrest, failure of customers or counterparties to perform their contractual obligations, changes in our credit ratings, unanticipated increases in costs to construct our development projects, difficulty in obtaining permits, inability to address concerns regarding permits of environmental impact assessments, and changes or further deterioration in general economic conditions. We will not achieve the maximum mine lives of our projects, or be able to mine all reserves at our projects, if we do not obtain relevant permits for our operations. Our Fort Hills project is not controlled by us and construction and production schedules may be adjusted by our partners. NuevaUnión is jointly owned. The effect of the price of oil on operating costs will be affected by the exchange rate between Canadian and U.S. dollars.

Statements concerning future production costs or volumes are based on numerous assumptions of management regarding operating matters and on assumptions that demand for products develops as anticipated, that customers and other counterparties perform their contractual obligations, that operating and capital plans will not be disrupted by issues such as mechanical failure, unavailability of parts and supplies, labour disturbances, interruption in transportation or utilities, adverse weather conditions, and that there are no material unanticipated variations in the cost of energy or supplies.

We assume no obligation to update forward-looking statements except as required under securities laws. Further information concerning assumptions, risks and uncertainties associated with these forward-looking statements and our business can be found in our most recent Annual Information Form, as well as subsequent filings of our management's discussion and analysis of quarterly results, all filed under our profile on SEDAR (<u>www.secdar.com</u>) and on EDGAR (<u>www.sec.gov</u>).





Teck Overview & Strategy

Commodity Market Observations

Teck Update

Attractive Portfolio of Long-Life Assets in Low Risk Jurisdictions

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- Americas-centered strategy focused on long-life
 assets in stable jurisdictions
 - Canada, U.S., Peru and Chile are favorable regions in which to operate with well-known mining codes
- High-quality assets: All business units are cash flow positive
- Sustainability: Key to managing risks and developing opportunities

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Strong Resource Position ¹ With Sustainable Long-Life Assets				
Coal Resources	~100 years			
Copper Resources	~30 years			
Zinc Resources	~15 years			
Energy Resources	~50 years			



Consistent Long-Term Strategy

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Diversified business model

Attractive portfolio of long life assets

Low half of the cost curve

Appropriate scale

White Car attain

Low risk jurisdictions

Financial Results Overview



	2015	Q3 2016
Revenue	\$8.3 billion	\$2.3 billion
Assets	\$34.7 billion As of December 31	\$34.5 billion As of September 30
Gross profit before depreciation & amortization*	\$2.6 billion	\$817 million
Profit (loss) attributable to shareholders	(\$2.5 billion)	\$234 million
Adjusted EBITDA*	\$2.0 billion	\$830 million
Adjusted profit attributable to shareholders*	\$188 million \$0.33/share	\$152 million \$0.26/share

*Non-GAAP financial measure. See "Use of Non-GAAP Financial Measures" section of the quarterly news release for further information.

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Cash Ope	perating Profit 2015 ^{1,2}		2016 Leverage to Commodities & FX				X	
					Production Guidance ³	Unit of Change	Effect on Estimated Profit ⁴	Effect on Estimated EBITDA ^{2,4}
Coal ~35%Base Metals ~65%Copper ~35%Zinc ~30%	\$C/\$US		C\$0.01	C\$22M /\$.01∆	C\$35M /\$.01∆			
	~35%	Coal	26.5 Mt	US\$1/tonne ⁵	C\$20M /\$1 ∆	C\$31M /\$1∆		
	Copper	315 kt	US\$0.01/lb	C\$5M /\$.01∆	C\$8M /\$.01∆			
	Zinc	950 kt	US\$0.01/lb	C\$9M /\$.01∆	C\$13M /\$.01∆			

We have leverage to stronger steelmaking coal and zinc markets, and we benefit from the weaker Canadian dollar

- 1. Reflects gross profit before depreciation and amortization.
- 2. Non-GAAP financial measure. See "Use of Non-GAAP Financial Measures" section of the quarterly news release for further information.
- 3. Assumes the midpoint of updated 2016 guidance ranges. Zinc includes 655 kt of zinc in concentrate and 295 kt of refined zinc.
- Based on commodity prices as of July 27, 2016 and C\$/US\$ exchange rate of \$1.30. The effect on our profit and EBITDA will vary with movements in commodity prices, exchange rates and sales volumes.
- 5. Based on a US\$1/tonne change in benchmark premium steelmaking coal price.





Teck Overview & Strategy

Commodity Market Observations

Teck Update

Change in Direction in Key Commodity Markets

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Strong recovery in steelmaking coal

Copper mine production peaking

Growing deficit and shrinking inventories in zinc

Oil market to rebalance

Strong Recovery in Steelmaking Coal

- Market tightness due to:
 - Global curtailments
 - Operating day restrictions in China
 - Weather & transportation issues
 - Production interruptions
 - Increased global demand
- Industry response is constrained



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Copper Mine Production Peaking





Metal demand gap continues to outpace new supply

Chinese Zinc Concentrate Supply Declining Teck



Concentrate Supply Shrinking







- Domestic production plus imports ~550 kt/mth in 2013
 Currently ~440 kt/mth
- Concentrate imports averaged ~95 kt/mth 2013 to 2015
 2016 averaging 70 kt/mth
- Reduction in supply forcing metal production cuts
- Metal imports increased to supplement declining feedstocks
- Continued tightness is evidenced by the falling TCs





Fort Hills first production may coincide with forecasted supply deficit





Teck Overview & Strategy

Commodity Market Observations

Teck Update

Well Positioned to Capitalize on Turn in the Cycle

• Reduced debt by >US\$1B over 12 months

- Expect year-end cash balance of ~C\$1B
- Excellent operating execution
- Increasing steelmaking coal production guidance

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- Continuing to deliver on cost management
- Investing for growth

Track Record of Lowering Cash Costs

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Achieved significant unit cost reductions, and expect further reductions in 2016

- 1. Total site costs are site costs, inventory write-downs and capitalized stripping, excluding depreciation.
- 2. Operating costs include site costs and inventory write-downs.
- 3. By-product credits reduced cash costs by US\$0.19/lb in 2015. Assumes US\$0.19/lb in 2016.
- 4. Red Dog zinc/lead site costs are Red Dog site costs per tonne of combined zinc and lead production.

* 2016F based on mid-point of updated guidance range.

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Expanding Coal Earnings Potential





Cost reductions and price increases contribute to expanding earnings potential

* Non-GAAP financial measures. See 'Use of Non-GAAP Financial Measures' in our quarterly results news releases for additional information. Annualized EBITDA and free cash flow generating capacity of the coal business unit in two scenarios. The "mid-point" scenario assumes the mid-points of 2016 production and cost guidance, and realized coal prices equal to 92% of benchmark. The "Upside" scenario assumes production at the high end of our 2016 guidance range, operating costs at the low end of the range, and realized coal prices equal to 96% of the benchmark. "Cash flow" refers to free cash flow after capitalized stripping and sustaining capital. Outputs are based on an assumed Canadian dollar to US dollar exchange rate of 1.30, 2016 plan fuel costs, and numerous other assumptions. These assumptions are subject to various risks and uncertainties that may cause results to vary materially from those depicted above. Please see the Cautionary Note on Forward-Looking Information for more

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information.

Largest Global Net Zinc Mining Companies

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Acting on Debt Reduction



 Repurchased public notes in September and October

- Face value: US\$759M
- Total cost: US\$693M
- Total pre-tax gain: C\$76M
- Tranches: 2023, 2035, 2040, 2041, 2042, 2043
- Annual interest savings: US\$43M

Current Debt Profile¹

Public notes outstanding	US\$6.1B
Average coupon	5.7%
Weighted average term to maturity	~13 years
Debt to debt-plus-equity ratio	33%



Reduced debt by ~C\$1.4B in the past 12 months

Emerging Stronger from This Cycle

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- Production growth from Fort Hills
- No operating assets sold
- No equity dilution
- Maintaining strong liquidity
- Reducing debt, managing maturities

Result is higher production per share

Additional Information







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Diversified Global Customer Base

Exposure to Recovery in Developed Markets as well as Growing Emerging Markets Teck



Significant Cost Reductions in 2015

Unit Costs Reduced at all of our Operations in 2015, Preserving Margins in a Volatile Commodity Environment





1. Steelmaking coal unit cost of sales include site costs, inventory adjustments and transport costs. Total cash costs are unit cost of sales plus capitalized stripping.

2. Copper C1 unit costs are net of by-product margins. Total cash costs are C1 unit costs plus capitalized stripping. See Appendix for definition.

3. Non-GAAP financial measure. See 'Use of Non-GAAP Financial Measures' in our quarterly results news releases for additional information.

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Meaningful Savings and Capital Spending Reductions Achieved





Targeting an additional C\$300M in operating cost reductions in 2016; A total of >C\$1B of annualized savings identified and included in 2016 plan

Updated 2016 Production & Cost Guidance

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	2015 Results	Updated 2016 Guidance
Steelmaking Coal		
Production	25.3 Mt	27-27.5 Mt
Site costs	\$45/t	\$42-46/t
Capitalized stripping	\$16/t	\$11/t ¹
Transportation costs	\$36/t	\$33-35/t
Total cash unit costs ^{2,3}	\$99/t US\$76/t ³	\$86-92/t US\$66-71/t ³
Copper		
Production	358 kt	310-320 kt
C1 unit costs ⁴	US\$1.45/lb	US\$1.40-1.50/lb
Capitalized stripping	US\$0.21/lb	US\$0.21/lb ¹
Total cash unit costs ^{3,5}	US\$1.66/lb	US\$1.61-1.71/lb
Zinc		
Metal in concentrate production ⁶	658 kt	645-665 kt
Refined production	307 kt	290-300 kt

^{1.} Approximate, based on capitalized stripping guidance and mid-point of production guidance range.

5. Copper total cash unit costs Include cash C1 unit costs (after by-product margins) and capitalized stripping.

6. Including co-product zinc production from our copper business unit.

Steelmaking coal unit cost of sales include site costs, inventory adjustments and transport costs. Total cash unit costs are unit cost of sales plus capitalized stripping. Assumes as US to Canadian dollar exchange rate of 1.30.

^{3.} Non-GAAP financial measure. See 'Use of Non-GAAP Financial Measures' in our quarterly results news releases for additional information.

^{4.} Net of by-product credits.

2016 Capital Expenditures Guidance

		Major	New Mine		Capitalized	
(\$M)	Sustaining	Enhancement	Development	Sub-total	Stripping	Total
Coal	\$50	\$40	\$ -	\$90	\$290	\$380
Copper	120	5	80	205	190	395
Zinc	130	10	-	140	60	200
Energy	5	-	1,000	1,005	-	1,005
TOTAL	\$305	\$55	\$1,080	\$1,440	\$540	\$1,980
2015A	\$397	\$64	\$1,120	\$1,581	\$663	\$2,244

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Total capex of ~\$1.4B, plus capitalized stripping

Staged Growth/Value Pipeline



	Completed	In Construction	Pre-Sanction	Medium-term Growth Options	Future Options
Copper				NuevaUnión	Galore/Schaft Creek
Strong platform	HVC Mill Optimization		QB Phase 2		Mesaba
with substantial growth options			[]	HVC Brownfield	Zafranal
				Antamina Brownfield	San Nicolas (Cu-Zn)
Zinc World-class resource	Trail #1 Acid Plant			Red Dog Satellite Deposit – Anarraaq	Red Dog Satellite Deposits
integrated assets	Pend Oreille Restart			Trail #2 Acid Plant	Cirque
Coal Well established	Elk Valley Brownfield			Elk Valley Brownfield (Replacement 4Mpta)	Quintette/Mt. Duke
with capital efficient growth options				Neptune Terminals to 18Mtpa	Elk Valley Brownfield
Energy					Frontier
Building a new business through partnership		Fort Hills			Lease 421

Strong platform combined with diverse portfolio of options allows us to be selective in terms of commodity and timing

No Substantial Bond Maturities for 5 Years



- No debt due until 2021
 - Weighted average maturity ~13 years
 - Weighted average interest rate ~5.7%
 - Average maturity < US\$450M
- Debt to debt-plus-equity ratio 33%¹

- Cost of Non-Investment Grade
 - C\$1B LOC's ~\$35M
 - May bond issue +300bps ~ US\$37.5M

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- Callable in 2018 and 2019

Repurchased >US\$1B in debt in the past 12 months

Credit Ratings



	S&P	Moody's	Fitch
Investment Grade	BBB-	Baa3	BBB-
	BB+	Ba1	BB+
	BB	Ba2	BB
	BB-	Ba3	BB-
Non-Investment Grade	B+ stable	B1 stable	B+ negative
	В	B2	В
	B-	B3	B-

Issuer Credit Ratings

Supported by:

- Diversified business model
- Low risk jurisdictions
- Low cost assets
- Conservative financial policies
- Significant cost reductions
- Capital discipline
- Achieving production guidance
- Production curtailments in coal
- Dividend cut
- Streaming transactions

Constrained by:

Debt-to-EBITDA*, due to weak prices

Ratings reflect the current economic environment

Credit Ratings Reflect Commodity Prices



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Significant Tax Pools in Canada¹

~\$6B in Available Tax Pools, Including:

- >\$4B in loss carryforwards
- \$1.77B in Canadian Development Expenses

Applies To:

• Cash income taxes in Canada

Does Not Apply To:

- Resource taxes in Canada
- Cash taxes in foreign jurisdictions



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Multiples should reflect tax efficiency of earnings

Our Sustainability Strategy





- Six focus areas
 - Community
 - Biodiversity
 - Our People
 - Water
 - Air
 - Energy and Climate Change
- Achieved all 2015 goals
- Set new short-term 2020 goals
- Working towards long-term 2030 goals

Our External Recognition

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Best 50 Corporate Citizens in Canada 2016



SUSTAINALYTICS

Top 50 Socially Responsible Corporations in Canada One of top 100 most sustainable companies in the world and one of Canada's most sustainable companies Dow Jones Sustainability Indices

In Collaboration with RobecoSAM 🐢

On the Dow Jones Sustainability World Index seven years in a row



Listed on FTSE4Good Index in 2015

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Steelmaking Coal Business Unit & Markets


Steelmaking Coal Market is Tight





- US exports continue to decline
- Imports into China improved in 2016, but analysts forecast reduced imports longer term (subject to China's policy)
- Stronger fundamentals ex-China

Reductions in Chinese Steel Capacity





- Total capacity of 1,200 Mt, including 400 Mt of surplus capacity
- 177 Mt committed to closure by provinces and centrally-owned steel companies within five years
 - 68 Mt of closure targets for 2016
 - Further reductions may be announced

Exceeds government target of 100-150 Mt capacity in the next 5 years

Global Hot Metal Production



Traditional Steel Markets

- China stable
- JKT rebounding
- EU stable

Rest of the World

- India good growth
- Brazil stable
- US slowing

Monthly Hot Metal Production



Status of Relocation of Chinese Steel Industry To the Coast

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China Scrap Use to Increase Slowly

China's Scrap Ratio Low vs. Other Countries



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Hot metal / crude steel ratio to remain >90% and EAF share of crude steel production <10% until ~2028

An Integrated Long Life Coal Business

• >1 billion tonnes of reserves support 27-28 Mt of production for many years

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- Geographically concentrated in the Elk Valley
- Established infrastructure and capacity with mines, railways and terminals
- Only steelmaking coal mines still operating in Canada; competitive globally



We Are a Leading Steelmaking Coal Supplier To Steel Producers Worldwide



High quality, consistent, reliable, long-term supply



Proactively realigning sales with changing market

Average Realized Price in Steelmaking Coal Teck

Average realized price discount: ~8-9%

Discount to the benchmark price is a function of:

- 1. Product mix: >90% hard coking coal
- 2. Direction of quarterly benchmark prices and spot prices
 - Significant increase in benchmark for premium products in Q4 2016 to US\$200/t (Q3: US\$92.50/t)

Historical Average Realized Prices



Average realized % of benchmark: 91-92% (range: 88%-96%); Q4 2016 realized price expected to be in our typical range

Steelmaking Coal Unit Costs¹



Total Cash Unit Costs ^{2,3}						3	US\$/t		2014	2015	20164	Change
	\$99						Site		\$46	\$35	\$34	-26%
Capitalized Stripping	Capitalized 15				Inventory Adjustme	ents	\$3	\$1	\$0	-100%		
T			\$76	2 \$68.50			Transportation		\$35	\$28	\$26	-25%
I ransport	35				8.50	7	Unit Cost of Sale	s (IFRS)	\$84	\$64	\$60	-29%
Inventory	3	⊢IFRS	28		26	26	Capitalized Strippi	ng	\$15	\$12	\$8.50 ⁵	-44%
Site	46		35	FIFR	34	≻IFRS	Total Cash Unit C	Costs ^{2,3}	\$99	\$76	\$68.50	-31%
-							Sustaining Capital		\$6	\$2	\$1.50 ⁵	-75%
	2014		2015		2016		All In Sustaining	Costs ^{2,3}	\$105	\$78	\$70	-33%

Total cash unit costs down 31% from 2014 to 2016F^{2,3,4}

- In US dollars per tonne. Assumes a Canadian dollar to US dollar exchange rate of 1.10 in 2014, 1.28 in 2015 and 1.30 in 2016. 1.
- 2. Steelmaking coal unit cost of sales include site costs, inventory adjustments and transport costs. Total cash costs are unit cost of sales plus capitalized stripping. All in sustaining costs are total cash costs plus sustaining capital.
- Non-GAAP financial measure. See "Use of Non-GAAP Financial Measures" section of our quarterly press releases for further information. З.
- 4. Based on the mid-point of updated guidance ranges.

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Approximate, based on capital expenditures guidance and mid-point of updated production guidance ranges. 5.

Maintaining Stripping Levels in Coal

- Maintaining material moved relative to production
- Q3 2015 reflects production curtailments
- Maintaining stripping levels per long term mine plans



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Lower capitalized stripping costs reflect cost reduction program

Steelmaking Coal: 5 Year Planning Objectives 2016 Teck

- Evaluating options to maintain annual production levels
 - Despite the closure of CMO and CRO in the 5 year horizon
 - Exploring lowest cost options at remaining 4 Elk Valley operations
 - Utilize assets available from closed operations
- Maintain all operations cash positive throughout the plan
 - Embed continuous cost improvement in each year
 - Ensure plans meet short term goals without sacrificing the long term viability of the operations
- Future growth options remain available but dependent on stronger coal prices



>75 Mt of West Coast Port Capacity Planned Our Portion is 40 Mt





Our share of capacity exceeds current production plans, including Quintette

High Grade Hard Coking Coal Is A Niche Market



Global Coal Production¹: 7.9 billion tonnes Steelmaking Coal Production²: ~1,185 million tonnes Export Steelmaking Coal²: ~325 million tonnes Seaborne Steelmaking Coal²: ~290 million tonnes

Our Market - Seaborne Hard Coking Coal²: ~200 Million Tonnes

Coking Coal Strength

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High Quality Hard Coking Coal



- Around the world, and especially in China, blast furnaces are getting larger and increasing PCI rates
- Coke requirements for stable blast furnace operation are becoming increasingly higher
- Teck coals with high hot and cold strength are ideally suited to ensure stable blast furnace operation
- Produce some of the highest hot strengths in the world

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Copper Business Unit & Markets



Copper Metal Prices & Stocks





Copper Surplus Could Shift Into Deficit



 Currently a marginal oversupply in a ~20 Mt market

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- Additional ~2% disruption could balance market
- Supply exceeding expectations elsewhere
- Post-2017, new supply minimal
- Exchange stocks represent
 <2 weeks of supply

CRU Sees Concentrate Surplus Short Lived Teck

The Q4 2016 surplus will be short-lived

Primary smelter feed balance; copper-in-concentrate; 2016-2017



Data: CRU

Copper Mine Production Forecasts Continue to Decline





- Down 1.1 Mt from 2014 estimates
- Projects down by 92%
- Net mine production growth in 2016 now only 3.0%, less than 500 kt
- Down 1.2 Mt from April 2015 estimates
- Projects down by 85% or 750 kt

- Up only 151 kt from 2016 net estimates
- Projects down 500 kmt from guidance in March or 66%.

Losses in 2016 already 81% of 2015 levels

Copper Concentrate TC/RCs



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Copper Costs Higher Than Understood



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Copper Margin Curve





China Switching to Copper Concentrates



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Total copper unit imports continue to climb; Up ~5% in 2015 and 15% year-to-date

Significant Chinese Copper Demand Remains





China expected to add almost as much to global demand in the next 15 years as the past 25 years

Global Copper Cathode Balances Wood Mackenzie's Outlook is Trending Down



The surplus is still below 200 kmt or balanced



Since December 2014

- Despite a drop of 660 kt to Wood Mackenzie's demand estimates
- Their surplus is down 700 kt

Since April 2015

- Down from a 510 kt surplus
- Despite a 510 kt drop in demand
- Market now in slight deficit

Forecast surplus now below 200 kt or 0.7%

Long-Term Copper Mine Production Still Needed

- At 1.8% global demand growth, 470 kt of new supply needed annually
- Structural deficits start in 2018-2019
- Projects delayed today will not be available to the market by 2019
- Market finely balanced through 2018
 - Year-to-date disruptions below estimates
 - Two of the largest projects this year are heavily weighted to H2 increases

Forecast Copper Refined Balance

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Ore Grade Trends Ongoing Decline will put Upward Pressure on Unit Costs





Building Partnerships: NuevaUnión



Teck and Goldcorp have combined Relincho and El Morro projects and formed a 50/50 joint venture company called NuevaUnión

> Committed to building strong, mutually beneficial relationships with stakeholders and communities

Capital smart partnership

- Shared capital, common infrastructure
- Shared risk, shared rewards

Benefits of combining projects include:

- Longer mine life
- Lower cost, improved capital efficiency
- Reduced environmental footprint
- Enhanced community benefits
- Greater returns over either standalone
 project

NuevaUnión Summary

Initial Capital	Copper Production ¹	Gold Production ¹	
\$3.0 - \$3.5	190,000	315,000	
billion	tonnes per year	ounces per year	
Mine Life	Copper in Reserves ²	Gold in Reserves ²	
32+	16.6	8.9	
years	billion pounds	million ounces	

Note: Conceptual based on preliminary design from the PEA

1. Average production rates are based on the first full ten years of operations

Total copper and gold contained in mineral reserves as reported separately by Teck and Goldcorp. 2.

65 З. Capital estimate for Phase 1a based on preliminary design shown in 2015 dollars on an unescalated basis

NuevaUnión is one of the largest open pit copper development projects in the Americas on the basis of copper contained in Proven and Probable Reserves

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Zinc Business Unit & Markets



Zinc Metal Prices & Stocks





Zinc Mine Production Undersupplied, Even With Lower Growth



- Metal market in deficit
- LME stocks down >780 kt over 46 months, and are below 500 kt for the first time since 2010
- Market working through 'off-market' inventory
- Large periodic increases indicate significant off-market inventories flowing through LME to consumers
- Chinese zinc mine production down over the last 44 months







Zinc Mine Production Wood Mackenzie's Outlook is Trending Down





 Down 911 kt from January 2015 estimates

- Down 1,751 kt from January 2015
 estimates
- Down 983 kt from April 2015 estimates

Significant Zinc Mine Reductions Large Short-Term Losses, More Long Term









- LME stocks down ~781 kt over 45 months
- Large inventory position still to work down but we are under 500 kt for the first time since early 2010, now nearing 450kt.
- Large, sudden increases indicate there are also significant off-market inventories flowing through the LME to consumers




Production typically declines in winter (January-April)







Market View – Wood Mackenzie & CRU

Zinc metal deficit forecasted for 2016 and 2017

- Mine production increases of -5.2% and 10.2% respectively expected for 2016 and 2017
 - Closure of Century and Lisheen, combined with production cuts, will decrease mine production in 2016
 - Higher prices are expected to bring a large amount of Chinese mine production online, and to bring back Glencore's production.
- Deficits of around 500kt/year in 2016 and 2017 will still result in large draw down of stocks

Chinese Zinc Demand to Outpace Supply



If China were to galvanize crude steel at <u>half</u> the rate of the US using the same rate of zinc/tonne, a further 2.1 Mt would be added to global zinc consumption

Galvanized Steel as % Crude Production

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USA

20%

China

5%



Forecast Zinc Refined Balance

- We expect insufficient mine supply to constrain refined production
 - From 2015-2020, refined metal supply increase of only 355 kt

- Over the same period, refined demand increase of 2.2 Mt
- Market is projected to be in significant deficit in 2016 due to a lack of concentrate leading to smelter cuts
- Metal market moving into substantial deficits with further mine closures and depleting inventories

Poised to Capitalize on Improving Zinc Fundamentals



- Pend Oreille moving to a higher proportion of secondary mining, which improves selectivity and ore availability
- Increased refined zinc production at Trail with enhanced process stability of a new acid plant

Red Dog: Anarraaq High Grade Intercepts Demonstrate Significant Resource Potential¹ **Teck**



Red Dog zinc grades are much higher than industry average

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 The scientific and technical information disclosed has been reviewed and approved by Rodrigo Marinho, P.Geo., Technical Director, Reserve Evaluation, Teck who is a Qualified Person under NI 43-101. For further information, please see Teck's most recent Annual Information Form. **High Grade Anarraaq Intercepts**



DDH1718 54.7m @ 15.7%Zn, 4.0% Pb, 106g/t Ag Incl. 11.2m @ 34.2% Zn, 11.5% Pb, 382g/t Ag



DDH1714 42m @ 18.3% Zn, 4.5% Pb, 82g/t Ag Incl. 23.4m @ 23.2% Zn, 5.2% Pb, 74g/t Ag

Teena/Reward Zinc Project





Drill composites were calculated using a 6% Zn+Pb threshold. Drill intersections are reported as drilled thicknesses. True width of the mineralized interval is interpreted to be 70-90% of the reported length. The scientific and technical information disclosed on this slide has been reviewed and approved by Rodrigo Marinho, P.Geo., Technical Director, Reserve Evaluation, Teck who is a qualified person under NI 43-101.

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Energy Business Unit & Markets



North American Rig Counts Down Sharply



Oil Exploration Success Fell To a Post-1952 Low in 2015





Oil Liquids – Discovered Resources & Production (Billion bbl)

Enough oil has been discovered to meet production in only four of the past 30 years

World Oil Demand Still Growing



Oil Sands Mining Costs Lower Than Understood



Sufficient Western Canadian Takeaway Capacity Expected

Teck

Western Canadian Supply and Takeaway Capacity



Sufficient takeaway capacity expected for forecast growth

- 2011–2014
 - Rapid production growth resulted in takeaway capacity challenges
 - Industry added significant pipeline and rail capacity during this time
- 2015–2030
 - Existing pipeline capacity, new pipelines (TMX and Energy East) and existing rail capacity expected to provide sufficient takeaway capacity

Building An Energy Business





- ☑ Strategic diversification
- Large truck & shovel mining projects
- ✓ World-class resources
- ☑ Long-life assets
- Mining-friendly jurisdiction
- ✓ Competitive margins
- Minimizing execution risk
- ✓ Tax effective

Mined bitumen is in Teck's 'sweet spot'

The Real Value of Long-Life Assets

- Significant value created over long term
- 60% of PV of cash flows beyond year 5
- IRR of 50-year project is only ~1% higher than a 20year project
- Options for debottlenecking and expansion

Fort Hills Project Indicative Rolling NPV¹ \$25 \$ Billions \$20 NPV 50vr life \$15 NPV 20vr life \$10 Unrecovered Capita \$5 \$0 -3 -2 9 10 11 12 13 14 15

Teck

50-year assets provide for superior returns operating through many price cycles

Fort Hills Key Numbers¹



Teck's Sanction Capital ²	Teck's Estimated 2016 Spend	Teck's Share of Production
~\$2.94	\$960	36,000
billion	million	bitumen barrels per day
Operating & Sustaining Costs ¹	Sustaining Capital ^{1,3}	Teck's Share of Production
\$25-28	\$3-5	13,000,000
per barrel of bitumen	per barrel of bitumen	bitumen barrels per year

Mine life: **50** years

- 1. All costs and capital are based on Suncor's estimates at project sanction in October 2013. Suncor is currently reviewing cost estimates.
- Sanction capital is the go-forward amount from the date of the Fort Hills sanction decision (October 30, 2013), denominated in Canadian dollars and on a fully-escalated basis. Includes earn-in of \$240M.
 - 3. Sustaining capital is included in operating & sustaining costs.

Fort Hills Project Economics Are Robust¹



Teck

The Fort Hills project is expected to have significant free cash flow yield across a range of WTI prices

- 3. Sanction capex is the go-forward amount from the date of the Fort Hills sanction decision (October 30, 2013), denominated in Canadian dollars and on a fully-escalated basis.
- 4. Pre-tax free cash flow yield during pre and post capital recovery periods.
- 5. Post-payout estimated net margin includes C\$1.50 export market premium.

^{1.} Estimates are based on exchange rates as shown, expected bitumen netbacks, and operating costs of C\$25 per barrel (including sustaining capital of C\$3-5 per barrel).

^{2.} Per barrel of bitumen.

Fort Hills Bitumen Netback Calculation Model Teck

Cash Margin¹ Calculation Example: Prior to Capital Recovery \$70 \$14.75 \$1.25 \$7-9 \$13.50 \$60 \$58.75 \$10 \$60 \$50 \$22 \$40 \$40 \$30 \$3 \$1.50 \$1-2 \$13.50 \$15 \$20 \$10 Fort-Hills Billinen Netbeck (SCADIDDI) \$-Exchange Rate \$1.30 USDICAD Tidewater Cash Margin per Bitumen bol WCS @Hardisty (SCADIbbil) Caen Margin per Bitumen bol WTWNCS Differential (SUSIDDIT pipelines and Terninaling hine Operating Costs Fort Hills Blend Quality Nine Sustaining Capital Export Warket Premium* Source: Alberta Energy bitumen valuation methodology (http://www.energy.alberta.ca/OilSands/1542.asp)

Royalties based on pre-capital payout.

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* WTI/WCS Differential based on Lee & Doma 2016-2020 forecast average.

** Export Premium based on average premium pricing for USGC market via Keystone and Flanagan South Pipelines.

1. Estimates are based on C\$/US\$ exchange rates as shown, expected bitumen netbacks, operating costs of C\$25 per barrel (including sustaining capital of C\$3-5 per barrel) and Phase 1 (pre-capital payout) royalties.

Fort Hills Bitumen Netback Calculation Model Teck



Royalties based on pre-capital payout.

* WTI/WCS Differential based on Lee & Doma 2021-2030 forecast average.

** Export Premium based on average premium pricing for USGC market via Keystone and Flanagan South Pipelines.

1. Estimates are based on C\$/US\$ exchange rates as shown, expected bitumen netbacks, operating costs of C\$25 per barrel (including sustaining capital of C\$3-5 per barrel) and post payout royalties.

Western Canadian Select (WCS)

Teck



Western Canadian Select (WCS) Is The Benchmark Price For Canadian Heavy Oil At Hardisty, Alberta

WCS differential to West Texas Intermediate (WTI)

- Contract settled monthly as differential to Nymex WTI ٠
- Long term differential of Nymex WTI minus \$10-20 US/bbl •
- Based on heavy/light differential, supply/demand, alternate feedstock accessibility, refinery outages and export capability
 - Narrowed in 2014/2015 due to export capacity growth, rail capacity increases, and short term production outages
- Recently improved export capability to mitigate volatility
 - Further export capacity subject to rigorous regulatory review; potential impact to WCS differentials.

FORECAST							
WTI (US/bbl)	\$40	\$50	\$60	\$70	\$80	\$90	\$100
WCS Differential to Nymex WTI (US/bbl)	-\$13.00	-\$14.50	-\$15.50	-\$17.00	-\$18.00	-\$19.50	-\$20.50

*Forecast Assumptions: Fort Hills Startup 2017/2018 with supply/demand model exiting Western Canada in a constrained pipe/excess rail transportation model, per Lee & Doma Energy Consulting.

Diluent (C5+) Pricing





Diluent (C5+) at Edmonton, Alberta Is the benchmark contract for diluent supply for oil sands

Diluent differential to West Texas Intermediate (WTI)

- Contract settled monthly as differential to Nymex WTI ٠
- Based on supply/demand, seasonal demand (high in winter, low in summer), import outages
- Long-term diluent (C5+) differential of Nymex WTI +/- \$5 US/bbl

Diluent ("Pool" in Edmonton is a common stream of a variety of qualities

Diluent pool comprised of local and imported natural gas liquids

FORECAST							
WTI (US/bbl)	\$40	\$50	\$60	\$70	\$80	\$90	\$100
Diluent (C5+) Differential to Nymex WTI (US/bbl)	+\$2.50	+\$1.50	+\$0.50	-\$0.50	-\$1.50	-\$2.50	-\$3.50

*Forecast Assumptions: Fort Hills Startup 2017/2018, using 2015 CAPP Western Canadian oil production forecast, Diluent (C5+) differentials per Lee & Doma Energy Consulting

Progress in Implementing Our Diversified Marketing Strategy



Agreements for pipelines to Hardisty in place

Agreement for Hardisty product storage in place

Monitoring production vs market access balance

Developing a portfolio of pipeline capacity opportunities, to enable access to diversified markets

Evaluating opportunities in the secondary market for pipeline capacity

Developing a diversified customer base

Teck can enter into long-term take or pay contracts

Market Access Options for Teck's 50 kbbls/day of Fort Hills Diluted Bitumen Blend



Intra Alberta Logistics On Schedule For Fort Hills Commissioning



Pipeline/Terminal	Operator	Pipeline Capacity (kbpd)	Teck Capacity (kbpd)		Project Constructio (% c	on Status* ompletion)
Northern Courier Hot Bitumen	TransCanada	202	40.4	Pipeline and Facilities: Tank terminal:		78% 99%
East Tank Farm - Blending	Suncor	292	58.4	Diluent terminaling and blending		73%
Wood Buffalo Blend Pipeline	Enbridge	550	65.3	In service		100%
Wood Buffalo Extension	Enbridge	550	65.3	Pipeline: Pump stations and facilities:		100% 65%
Norlite Diluent Pipeline	Enbridge	130	18.0	Pipeline: Pumpstations and facilities:		35% 80%
Hardisty Blend Tankage	Gibsons	425 kbbls	425 kbbls	Tank completed		100%