

# INVESTOR PRESENTATION

## FEBRUARY 2021



PREMIUM PRODUCT, TIER 1 JURISDICTION,  
HIGH QUALITY INFRASTRUCTURE

CHAMPION IRON 

# DISCLAIMER

# CHAMPION IRON

This presentation (the "Presentation") contains information about Champion Iron Limited ("Champion Iron", "Champion" or the "Company"), current as at the date hereof or as at such earlier date as may be specified herein. This Presentation does not constitute or form part of and should not be construed as, an offer to sell or issue or the solicitation of an offer to buy or acquire securities of the Company or any of its subsidiaries or affiliates or any other person in any jurisdiction or an inducement to enter into investment activity, does not constitute marketing material in connection with any such securities and there is no current offering or soliciting for the sale of securities in any jurisdiction.

This Presentation and the information contained herein may not be reproduced or distributed to others, at any time, in whole or in part, for any purpose, and may not be used for any other purpose, without the prior written consent of the Company, and all recipients agree that they will keep confidential all information contained herein not already in the public domain and will use this Presentation solely for information purposes. Acceptance of this Presentation by any person constitutes an agreement to be bound by the foregoing terms.

In making any future investment decision, you must rely on your own examination of the Company, including the merits and risks involved. This Presentation should not be construed as financial, legal, tax, accounting, investment or other advice or a recommendation with respect to any potential investment. You should consult your own advisors as needed to make an investment decision and determine whether it is legally permitted to make an investment under applicable legal investment, securities or similar laws or regulations.

This Presentation may contain "forward-looking statements", which include all statements other than statements of historical facts, including, without limitation, any statements preceded by, followed by or that include the words "will", "would", "aim", "aimed", "will likely result", "is likely", "are likely", "believe", "expect", "expected to", "will continue", "will achieve", "anticipate", "estimate", "estimating", "intend", "plan", "contemplate", "seek to", "seeking to", "trying to", "target", "propose to", "future", "objective", "goal", "project", "should", "can", "could", "may", "will pursue" or similar expressions or the negative thereof. Without limiting the generality of the foregoing, all statements in this Presentation, other than statements of historical fact, that address future events, developments or performance that the Company expects to occur, including management's expectations regarding (i) the recovery rates; (ii) the Company's growth; (iii) the increase of the plant capacity and reliability; (iv) the Company's environmental footprint; (v) the Company's operational improvement; (vi) the Phase II expansion of the Bloom Lake Mine, its technical parameters, expected construction timeline, capital expenditures, costs, NPV and IRR; (vii) the new product test and its impact on securing new customers and expanding product offering; (viii) the estimated future operation capacity of the Bloom Lake Mine; (ix) the Company's cash requirements for the next twelve months; (x) the completion of the construction for a potential expansion of the Bloom Lake Mine; (xi) the potential job creation related to the Bloom Lake Mine; (xii) the fluctuations of the ocean freight costs in connection with the fluctuations of the iron ore prices; (xiii) the impact of exchange rate fluctuations; (xiv) the impact of iron ore prices fluctuations; (xv) the life of mine of the Bloom Lake Mine; and (xvi) measures, and the effectiveness thereof, implemented or expected to be implemented to mitigate the risk and contain COVID-19 and the potential impacts on Champion's business, financial condition and financial results of the outbreak of the COVID-19 pandemic; (xvii) the Company's product quality and its Green House Gas emissions and its ability to service the Electric Arc Furnace market; (xviii) the effectiveness of hired personnel and their focus on emergency planning and coordination; (xix) the effectiveness of the new direct reduction pellet feed product; (xx) the intent to complete an updated feasibility study and review the scope of the Kami Project; (xxi) the completion of the Kami project acquisition and its anticipated timing; (xxii) the US\$75 million Phase II equipment financing from Caterpillar Financial Services Limited and expected closing date; (xxiii) downturn with cost competing with global majors and substantial cash operating margin; (xxiv) the impact of fluctuations in iron ore prices; (xxv) the industry demand; (xxvi) Champion Iron Limited's ability to advance the Phase II expansion project and its funding, completion timeline, impact on nameplate capacity, expected capital expenditures and project economics; (xxvii) and the resources and reserves and additional port capacity expected from the Kami project acquisition are forward-looking statements. Such forward-looking information and statements included in this Presentation are not guarantees of future performance and should not be unduly relied upon. Such information and statements, including the assumptions made in respect thereof, involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking information or statements, as well as those factors discussed in the section entitled "Risk Factors" of the Company's 2020 Annual Information Form and the risks and uncertainties discussed in the Company's quarterly activities report for the fiscal year ended March 31, 2020 and MD&A for the fiscal year ended March 31, 2020, all of which are available on SEDAR at [www.sedar.com](http://www.sedar.com), the ASX at [www.asx.com.au](http://www.asx.com.au) and the Company's website at [www.championiron.com](http://www.championiron.com). The forward-looking information and statements contained in this Presentation are based on assumptions Champion's management believes to be reasonable and speak only as of the date of this Presentation, and none of the Company or any of its affiliates, agents, advisors or representatives (including directors, officers and employees) intend or have any duty or obligation to supplement, amend, update or revise any of the forward-looking statements contained in this Presentation.

On June 20, 2019, the Company released the results of the Feasibility Study for the Bloom Lake Phase II expansion project reported in the National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("National Instrument 43-101") technical report entitled "Bloom Lake Mine – Feasibility Study Phase 2" by BBA Inc., Soutex and WSP Canada Inc., having an effective date of June 20, 2019 and filed on August 2, 2019 (the "Phase II Feasibility Study"). The Company is not aware of any new information or data that materially affects the information included in the Phase II Feasibility Study and confirms that all material assumptions and technical parameters underpinning the estimates in the Phase II Feasibility Study continue to apply and have not materially changed. The Phase II Feasibility Study dated August 2, 2019 is available at [www.sedar.com](http://www.sedar.com).

The non-IFRS financial performance measures included in this Presentation include: total cash cost or C1 cash cost, all-in sustaining costs ("AISC"), average realized selling price, cash operating margin and cash profit margin, earnings before interest, tax, depreciation and amortization ("EBITDA"), EBITDA margin, adjusted net income, adjusted net income attributable to Champion Iron Limited shareholders, adjusted earnings per share ("adjusted EPS"), operating cash flow per share and operating cash flows before working capital. These measures are intended to provide additional information and should not be considered in isolation, or as a substitute for, measures of performance prepared in accordance with IFRS. These measures do not have any standardized meaning prescribed under IFRS and therefore may not be comparable to other issuers.

Reference to P62: Platts TSI IODEX 62% Fe CFR China; P65: Platts IO Fines 65% Fe CFR China.

Qualified Person and data verification: Mr. Nabil Tarbouche, Senior Geologist at Quebec Iron Ore Inc., a wholly-owned subsidiary of the Company (P.Geo.) is a "qualified person" as defined by National Instrument 43-101 and has reviewed and approved the disclosure of the scientific and technical information related to Bloom Lake contained in this Presentation (the "Bloom Lake Information"). Mr. Tarbouche's review and approval does not include statements as to the Company's knowledge or awareness of new information or data or any material changes to the material assumptions and technical parameters underpinning the Phase II Feasibility Study. Mr. Tarbouche is a member of the Ordre des Géologues du Québec. Mr. Tarbouche consents to the inclusion in this Presentation of the Bloom Lake Information in the form and context in which it appears. Certain other information contained in this Presentation has been obtained from published sources prepared by third parties and has not been independently verified and no representation or warranty, expressed or implied, is made with respect to, and no undue reliance shall be placed on, the information or opinions contained herein or in any verbal or written communication made in connection with this Presentation.

This Presentation has been authorized for release to the market by the CEO of Champion Iron Limited, David Cataford.

All information quoted "per tonne" refer to per dry metric tonne ("dmt").

All amounts are in Canadian dollars unless otherwise stated.



## CORPORATE OVERVIEW

Largest publicly listed pure-play high-grade iron ore producer globally



- Top Tier Jurisdiction
- Established production in region since the 50's
- 2<sup>nd</sup> largest hub of high-grade export globally
- Access to infrastructure



- Nearly US\$4 Billion invested
- 7.4 Mtpa nameplate capacity
- Ongoing Phase II construction expected to double production
- High-grade 66.3% Fe with low impurities
- 20-year mine life



- Proven management team
- 10.7% insider ownership\*



- First 9-months of FY21 net average realized selling price US\$116.3/t\*
- First 9-months of FY21 total Cash cost US\$40.4/t FOB\*
- \$1,060.8M Revenue in last 4 quarters
- \$598.5M EBITDA in last 4 quarters



BLOOM LAKE X

---

# COVID-19 RESPONSE

---

- Implemented a rapid testing COVID-19 laboratory at the mine, using technology approved and certified by Health Canada, which is capable of screening up to 225 employees and contractors daily
- Established a contingency plan for each sector of activity in the event of multiple COVID-19 detections



→ Additional measures include:

- ✓ Monitoring and screening of employees' health
- ✓ Additional transportation capacity to enable adequate social distancing
- ✓ Isolation measures from the nearby communities
- ✓ Additional medical support, distancing protocols and disinfection stations at the mine site



# GREEN SOLUTION

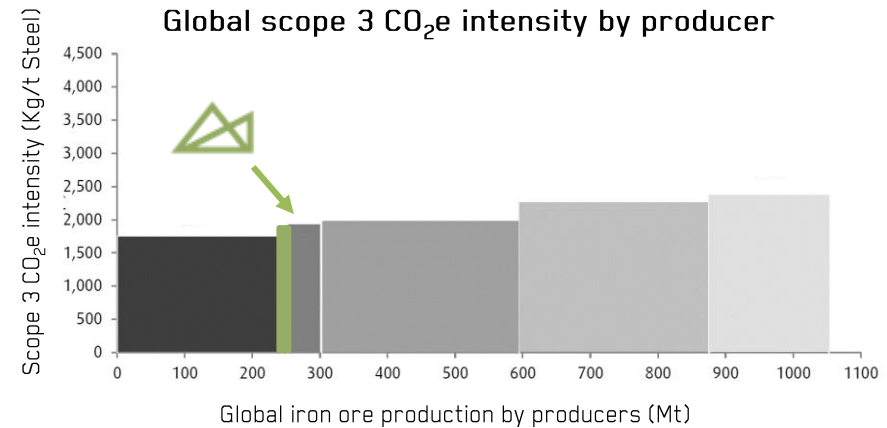
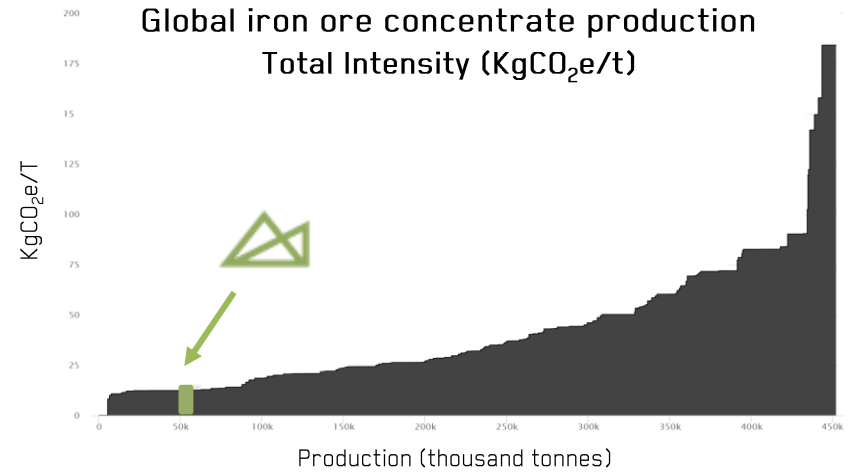
- At 66.3% Fe, Bloom Lake produces one of the highest quality iron ore products globally
- Bloom Lake’s iron ore concentrate is produced with one of the lowest CO<sub>2</sub> footprints globally



## CHAMPION’S HIGH QUALITY IRON ORE PRODUCTS REDUCES EMISSIONS IN THE STEEL MAKING PROCESS

- Benefiting from its higher product quality and low CO<sub>2</sub> production intensity, Champion is one best positioned companies to reduce emissions within the steel making value chain (Scope 3)

# CHAMPION IRON



Source: Champion Iron Limited; 66.3% Fe grade is fiscal year 2020 to date as of December 31, 2020. Global iron ore concentrate producers total intensity using Wood Mackenzie data. Bloom Lake scope emission as detailed by BMO Capital Markets, November 27, 2020 "Quantifying potential carbon cost".

# FY2021 HEALTH & SAFETY

- Monthly audits to review effectiveness and adoption of implemented measures
- Initiated new simulation programs to optimize emergency response time
- Virtual training completed during period of reduced activities related to COVID-19
- Hired a team dedicated to fire prevention and emergency planning and coordination



QUEBEC IRON ORE + CONTRACTORS FISCAL YEAR 2021				
	Q1	Q2	Q3	YTD
Total Recordable Injury Frequency Rate (TRIFR)	3.99	1.67	3.4	2.92
Disability Injury Severity Rate (DISR)	27.47	15.45	18.7	19.9

# STEEL INDUSTRY GOING GREEN

## DR PELLET FEED IN RISING DEMAND

### Current Offering: Blast Furnace Pellet Feed



- A 66.2% Fe concentrate that trades at a premium relative to the quoted CFR China 62% Fe on the back of higher Fe content and low impurities
- High-grade key exporters: Brazil, Canada, Ukraine, Sweden, Russia and South Africa

Fe Content	66.2%
SiO <sub>2</sub> + Al <sub>2</sub> O <sub>6</sub>	4.7%

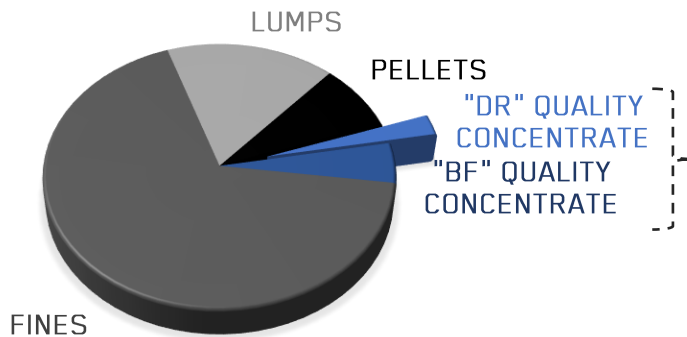
### Moving Towards: Direct Reduction ("DR") Pellet Feed



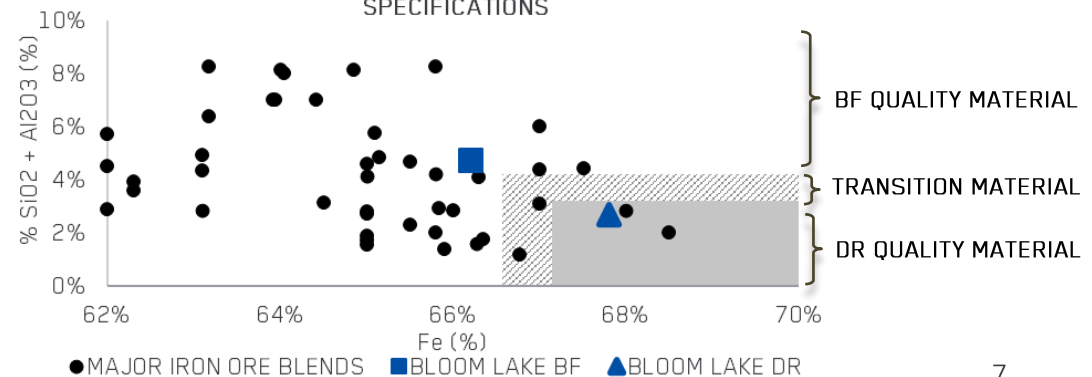
- New DR product allows Champion to service Electric Arc Furnaces in addition to blast furnaces
- Quebec is a strong alternative for customers as a stable operating jurisdiction vs. current key exporters: Brazil, Peru, Russia, Sweden and Venezuela

Fe Content	67.98%
SiO <sub>2</sub> + Al <sub>2</sub> O <sub>6</sub>	2.57%

### GLOBAL IRON ORE SEABORN MARKET (2020)



### GLOBAL HIGH QUALITY IRON ORE CONCENTRATE BLEND SPECIFICATIONS





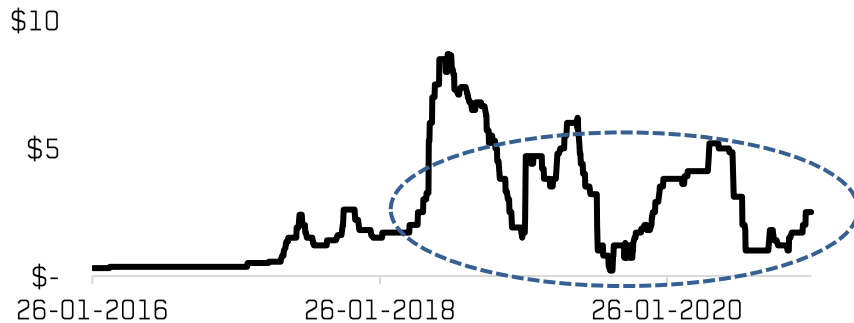
# STRUCTURAL SHIFT IN IRON ORE

## HIGH QUALITY & LOW CONTAMINANT PRODUCT IN RISING DEMAND

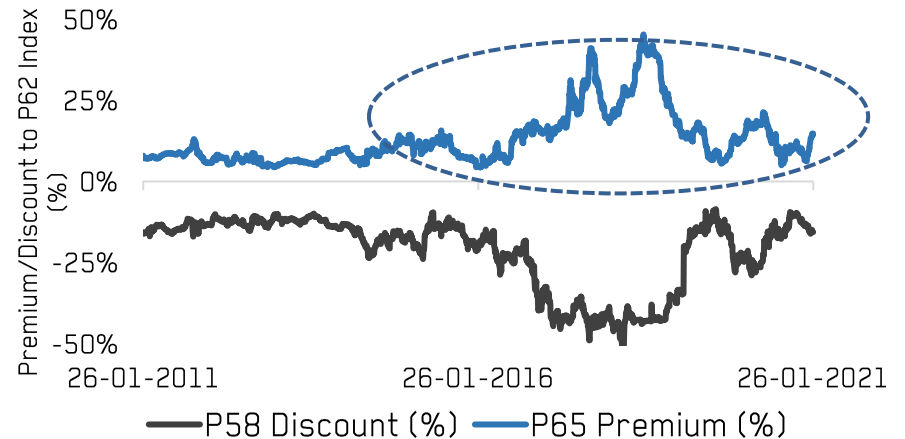
✓ **Champion sells based on Platts 65% Fe premium benchmark**

- Recurring supply disruptions in major high-grade export region (Brazil)
- Rising focus on reducing emissions in the steel making process
- More complex steel focus in China and increasing consumption of white goods demanding higher quality input with low impurities

ALUMINA PENALTY TO P62 PER 1% (US\$/T)  
5-YEARS



P58 DISCOUNT & P65 PREMIUM - 10 YEARS (%)

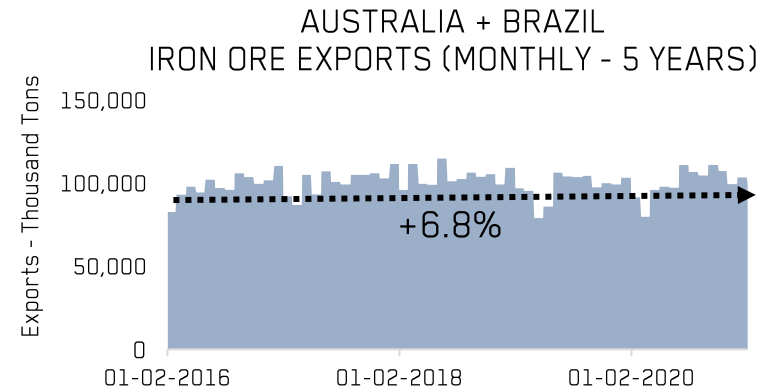
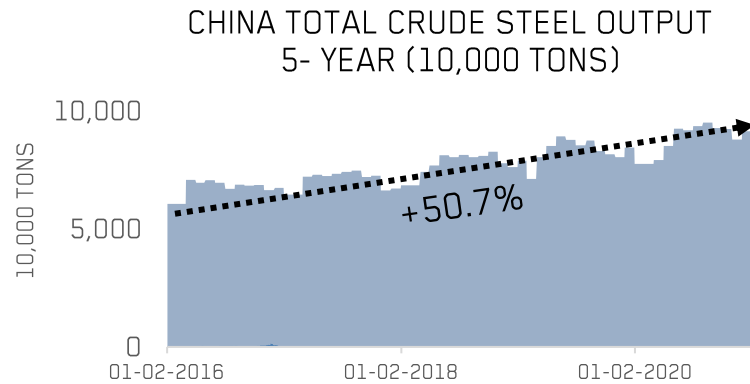


- Rising contaminant issues in major iron ore export hubs globally, resulting in larger discounts to P62 index
- Bloom Lake’s high purity ore has not been subject to contaminant penalties

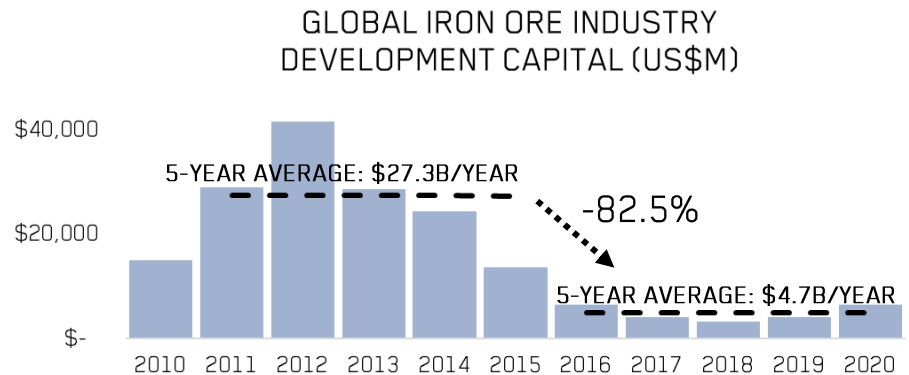
# GROWING INDUSTRY LACK OF INVESTMENTS

## Steel output rising faster than iron ore supply in major hubs

→ China consumes ~75% of global seaborne iron ore; Australia & Brazil supply ~77% of global seaborne iron ore



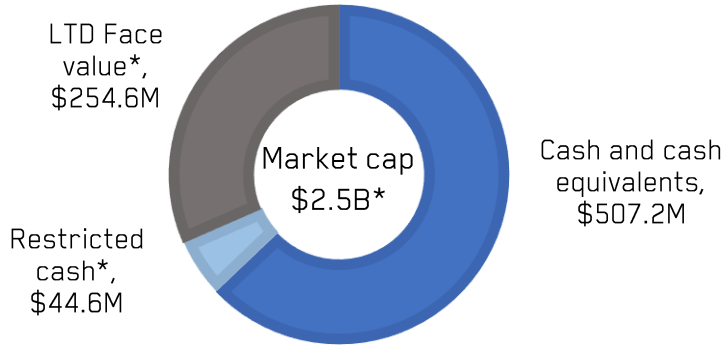
- Industry supply is limited with low growth capital in recent years
- Iron ore projects lead time averages 5-14 years depending on project stage
- Industry majors focus on return of capital to investors



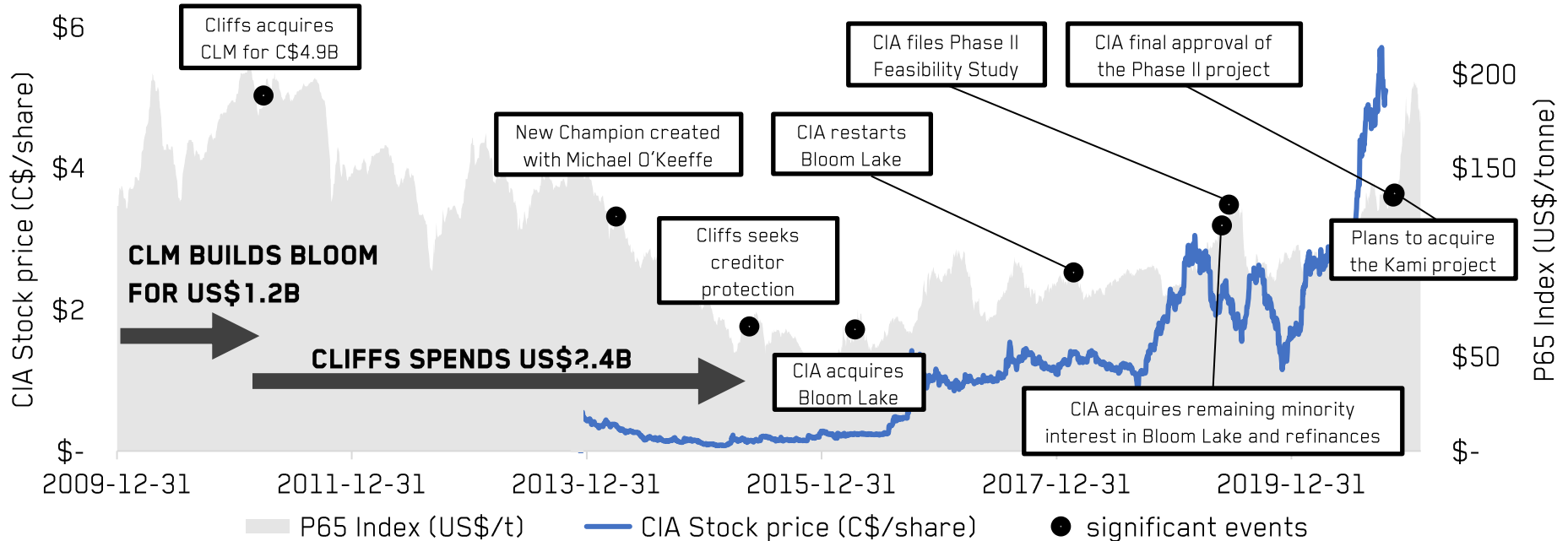
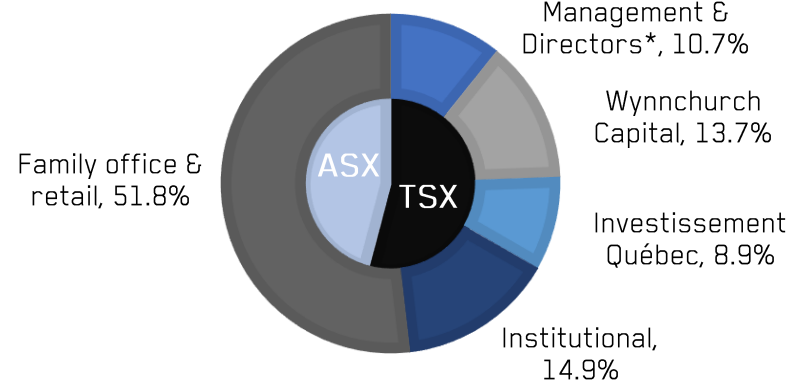
# CORPORATE SNAPSHOT

# CHAMPION IRON

## MARKET STATISTICS AS OF Q3/FY21(C\$M)



## SHAREHOLDERS (CIA-TSX; CIA-ASX)



\*Cash and cash equivalent includes short-term investments; Long-term debt face value of US\$200M as of December 31, 2020; Restricted cash for potential cost overruns on Phase II as a condition of the Credit Facility; Market Capitalization as of February 5, 2021; Insider ownership as of February 5, 2021



# INVESTMENT HISTORY

TIMELINE & CUMULATIVE TOTAL INVESTMENT	2002 <sup>1</sup> – 2011 Consolidated Thompson -US\$1.2b	2011 – 2014 Cleveland Cliffs -US\$3.6B	2016 – TODAY Champion Iron - Phase I -US\$3.7B	MID-2022 Champion Iron Phase II
KEY DEVELOPMENT	<ul style="list-style-type: none"> <li>Completed Phase I</li> <li>Initiated Phase II expansion</li> <li>Completed port installations and rail access</li> </ul>	<ul style="list-style-type: none"> <li>Acquired Consolidated Thompson for US\$5B(C\$4.9B)<sup>2</sup></li> <li>Advanced Phase II expansion plan</li> </ul>	<ul style="list-style-type: none"> <li>Acquired Bloom Lake from Cleveland Cliffs</li> <li>Restarted Phase I operations on time and on budget</li> </ul>	<p>Phase II Feasibility Study Highlights</p> <ul style="list-style-type: none"> <li>Completion of second concentrator</li> <li>Rail and port upgrades</li> <li>Access to state of the art brand new deep sea berth</li> <li>Tailing and water management</li> </ul>
CAPITAL INVESTMENT	<ul style="list-style-type: none"> <li>Capital Capex: -US\$1.2B               <ul style="list-style-type: none"> <li>Mine and Mill: -US\$0.6B</li> <li>Rail: -US\$0.2B</li> <li>Port: -US\$0.2B</li> <li>Phase II: -US\$0.2B</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Phase I Capex: -US\$1.2B               <ul style="list-style-type: none"> <li>Near-pit crusher</li> <li>3.45km conveyor system</li> <li>Construction of second concentrator plant</li> <li>Tailings park and water management</li> </ul> </li> <li>Phase II Capex: -US\$1.2B</li> </ul>	<ul style="list-style-type: none"> <li>Acquisition of Bloom Lake: \$7.1M(C\$9.8M)<sup>3</sup></li> <li>Mine Restart Capital Spending: \$124M</li> </ul>	<ul style="list-style-type: none"> <li>Feasibility Study total Phase II estimated Capex: US\$589.8M<sup>5</sup></li> <li>Work programs already deployed to advance the project</li> <li>Expected completion by mid-2022</li> </ul>
OPERATING COST	N/A	Cash Cost: US\$82.1/t	Cash Cost: US\$40.4/t <sup>4</sup>	Estimated Cash Cost: US\$35.4/t <sup>5</sup>
PRODUCTION HISTORY	< 6M tpa	< 6M tpa	7.4M tpa <sup>6</sup>	15M tpa <sup>5</sup>

Source: Company filings, IBES; market data as of 9-Sep-2020

Note: Figures converted at historical USD/CAD exchange rates. Phase II converted with spot USD/CAD exchange rate of 0.747.<sup>1</sup> Based on expiration of option agreement between Consolidated Thompson and Quebec Cartier Mining where the Bloom Lake Property was subsequently returned to Consolidated Thompson. <sup>2</sup> Based on a USD/CAD exchange rate of 1.011 on 11-Jan-2011. <sup>3</sup> Based on a USD/CAD exchange rate of 0.727 on 14-Dec-2015. <sup>4</sup> Based on Champion Iron's FY2021 nine months ended December 31, 2020. <sup>5</sup> Based on Champion Iron's Phase II feasibility report which includes amounts deployed to date, budgeted capex, remaining capex and contingencies. Excludes rail and port deposits. <sup>6</sup> Bloom Lake nameplate capacity as per Phase I Feasibility Study filed on March 20, 2017

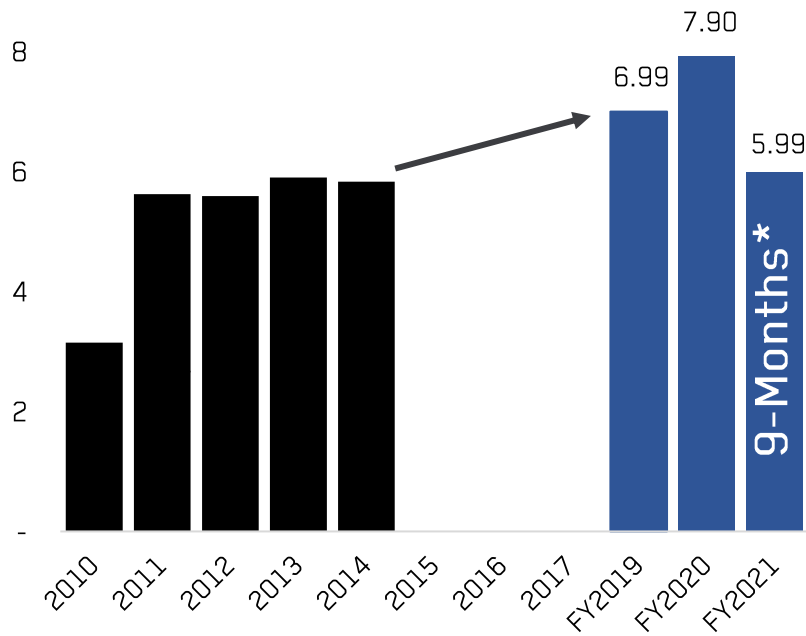
# BLOOM LAKE TODAY

✓ Sustainable operations following significant investments made since the restart of Bloom Lake in 2018

■ Achieved highest annual production on record

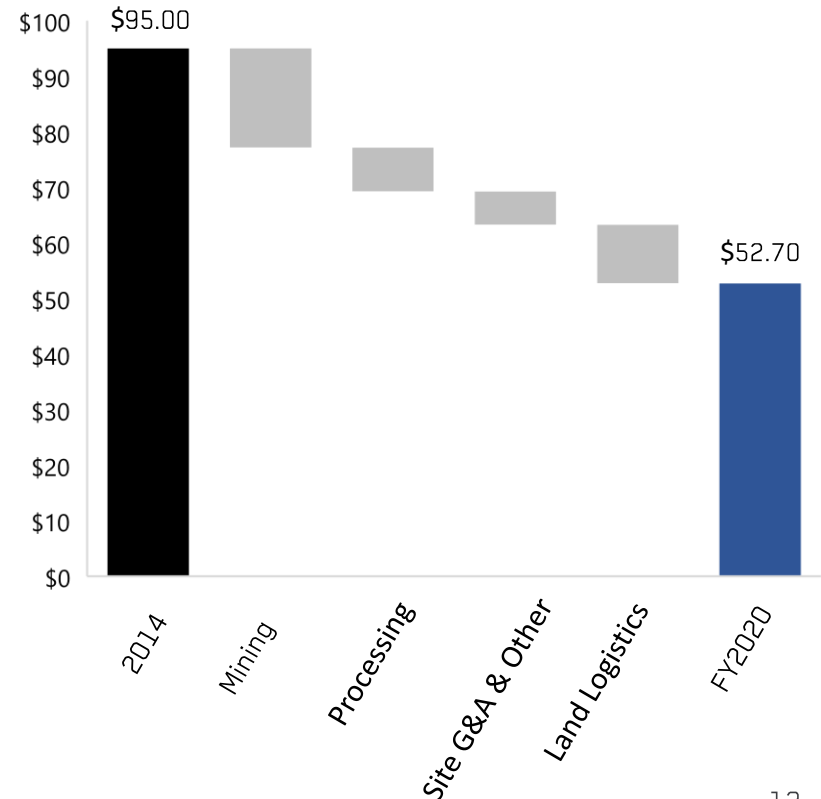
■ Structural changes implemented resulting on significant cost reduction

**BLOOM LAKE PRODUCTION HISTORY  
(MILLION WMT/YEAR)**



■ Prior Operators  
■ Champion Iron Limited

**BLOOM LAKE TOTAL CASH COST (\$C/DMT)  
2014 VS FY2020**



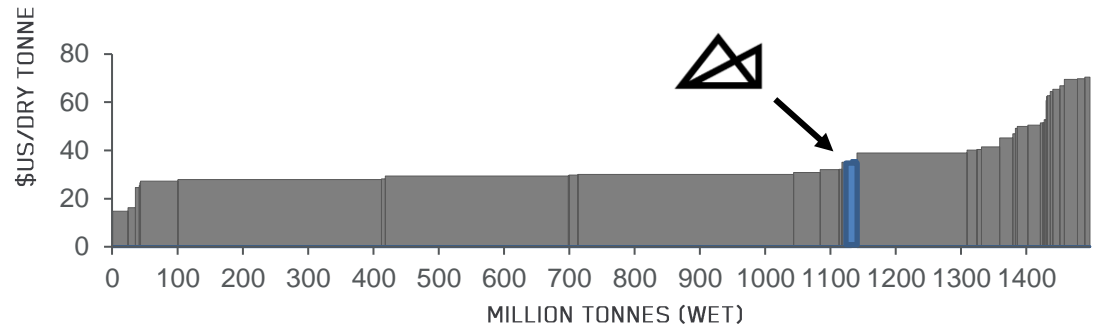
\*Fiscal year 2021 nine month period results ending December 31, 2020; FY2021 ends March 31, 2021

# COMPETING ON COST CURVE

## PROVEN COST STRUCTURE

- Bloom Lake has proven cost structure
- Product quality premium offsets freight differential when compared to Australian operators
- Major producers act as price setters as top four producers control over 70% of global seaborne supply

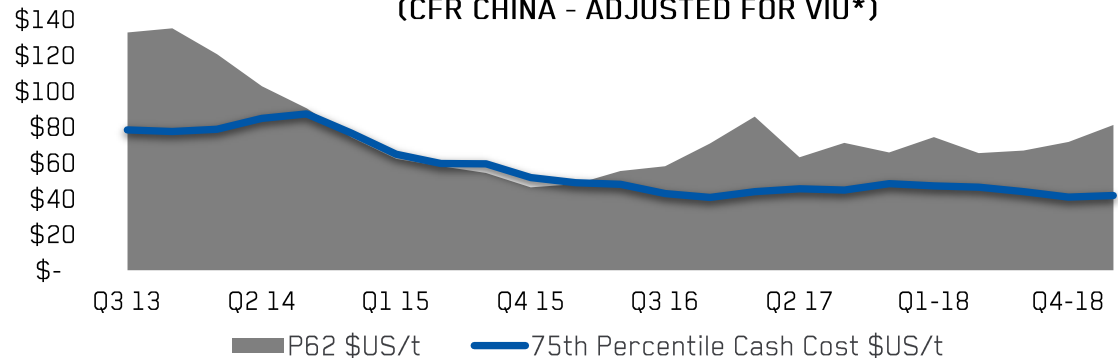
GLOBAL SEABORN TOTAL COST CURVE  
(CFR CHINA - ADJUSTED FOR "VALUE-IN-USE")\*



## POSITIONED FOR PROFITABILITY

- Iron ore has been traded on 'spot' basis since 2008
- Producers within 75<sup>th</sup> percentile of the cost curve have remained profitable during the biggest downturn in 2015

P62 VS. 75TH PERCENTILE CASH COST  
(CFR CHINA - ADJUSTED FOR VIU\*)



\*Source: Wood Mackenzie data, Q3/2020; Bloomberg; P62: Platts TSI IODEX 62% Fe CFR China  
"Value-in-use" adjusts for premium/discount in realized price reflecting product quality and contaminants



---

# DIVERSIFIED CUSTOMER BASE

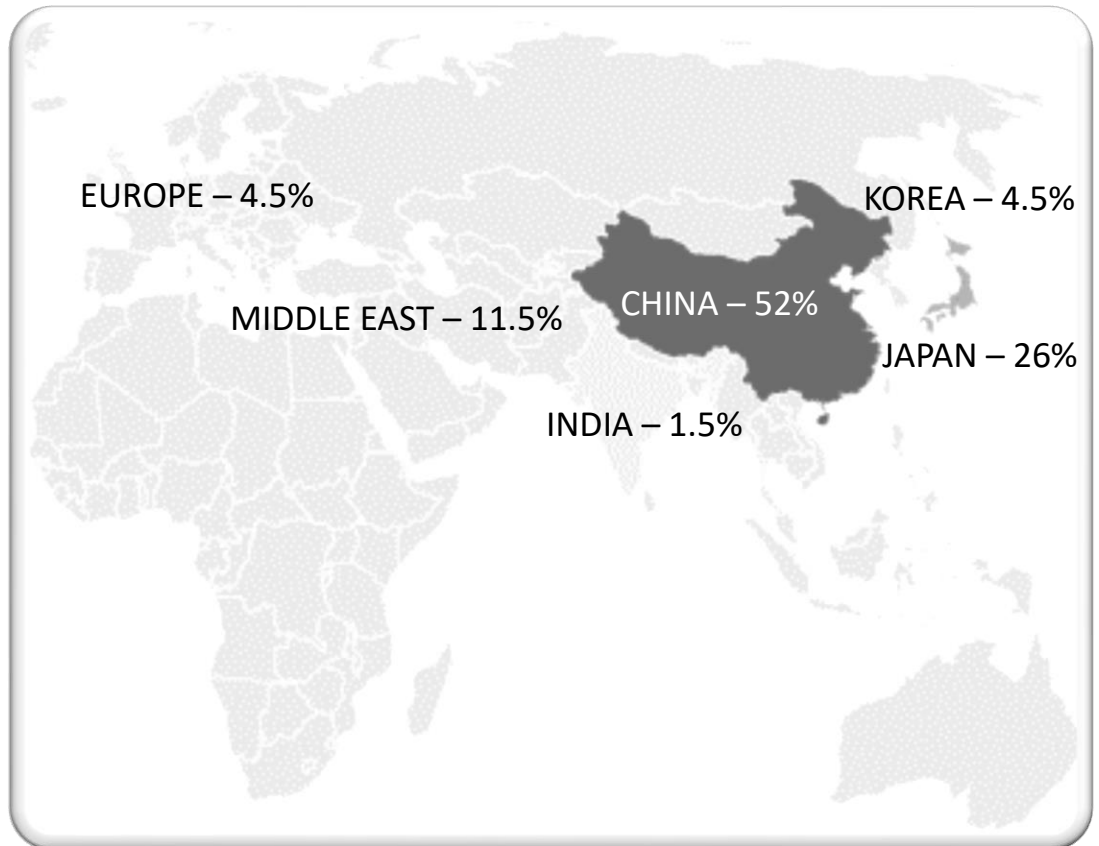
---

### Product sold to 25 different customers since 1<sup>st</sup> shipment

Sojitz & Glencore sell our product on an agency basis

- Access to larger customer base
- Reduced execution risk
- Access to preferential freight

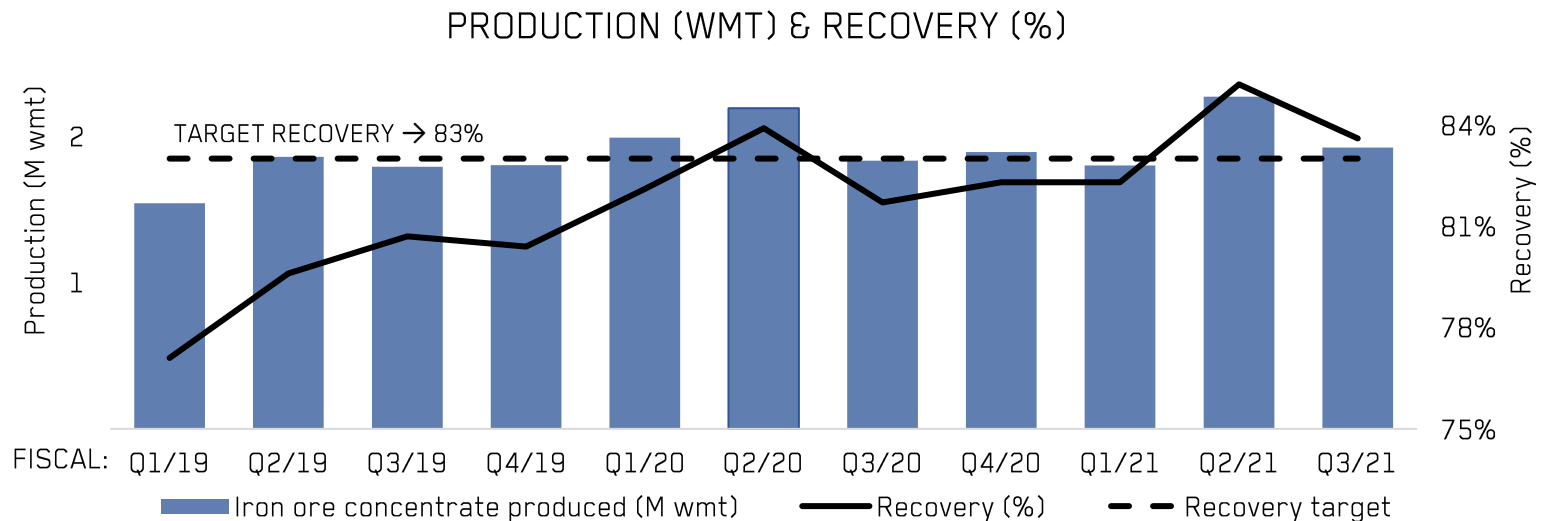
Champion retains the right to deal directly with end buyers and arrange shipping



# BLOOM LAKE PHASE I (7.4 MTPA)

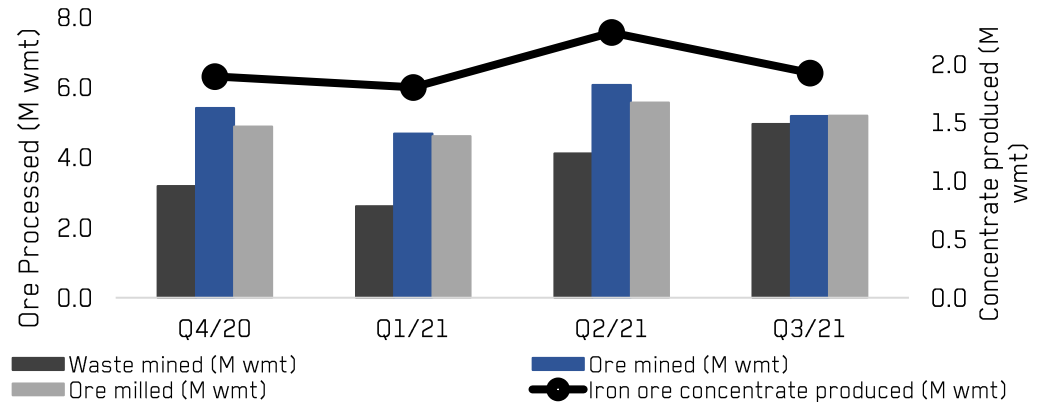
Phase I positions Champion as a strong free cash flow generator with 20-year mine life

- Achieved nameplate capacity within 4 months of commissioning
- Consistent operational results since 2018 commissioning (excluding COVID-19 temporary ramp-down)
- Proven ability to operate in all seasons and exceed nameplate capacity
- Achieved and maintained recovery rate near target of 83%
- No penalties for contaminants since restart



# OPERATIONAL HIGHLIGHTS

- Set annual Bloom Lake production record of 7.90M wmt in FY2020
- Set Bloom Lake quarterly production record of 2.27M wmt in Q2/FY2021
- Confirmed ability to produce DR pellet feed material (67.8%+ Fe)



\*Fiscal Periods

FISCAL PERIODS	Q4/20	Q1/21	Q2/21	Q3/21	FY2021 TO DATE
Iron ore concentrate produced (M wmt)	1.89	1.80	2.27	1.92	5.99
Iron ore concentrate sold (M dmt)	1.89	1.76	2.06	1.89	5.71
Waste mined (M wmt)	3.18	2.61	4.11	4.96	11.68
Ore mined (M wmt)	5.41	4.68	6.07	5.18	15.94
Strip ratio	0.59	0.56	0.68	0.96	0.73
Ore milled (M wmt)	4.88	4.60	5.56	5.19	15.36
Head grade Fe (%)	31.7	31.3	30.9	29.7	30.6
Recovery (%)	82.3	82.3	85.2	83.6	83.8
Product Fe (%)	66.5	66.5	66.1	66.4	66.3



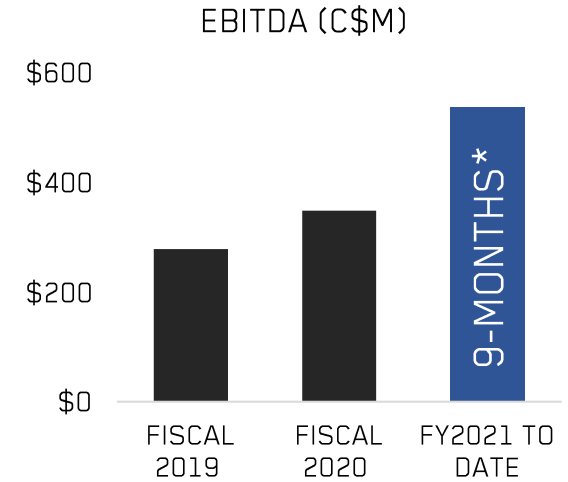


# FINANCIAL RESULTS

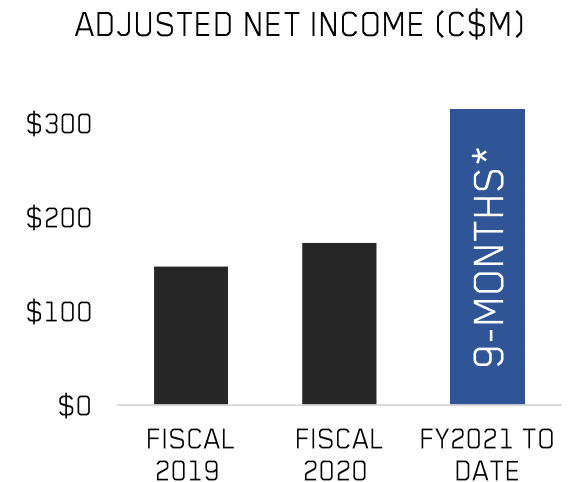


- EBITDA of \$598.5M
- Adjusted net income of \$333.5M
- Net cash flow from operations \$473.5M

- Proven ability to produce at total cash cost below <US\$40/t (FOB)
- Not encumbered by streams or royalties
- Net income impacted by COVID-19 related cost of \$9.4M or \$1.7/dmt for the nine months ending December 31, 2020 (FY2021 to date)



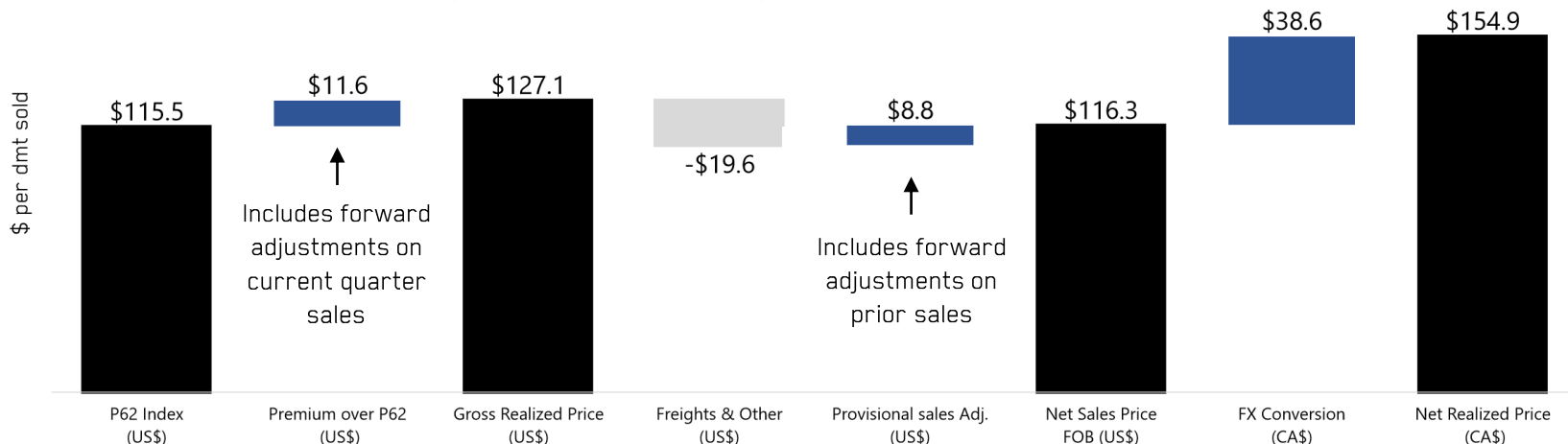
FINANCIAL RESULTS (\$ MILLION)	Q4/FY20	Q1/FY21	Q2/FY21	Q3/FY21	FY2021 TO DATE
Revenues	175.7	244.6	311.0	329.5	885.1
EBITDA	61.1	127.7	197.8	211.9	537.4
Operating income	52.1	118.8	189.5	203.3	511.5
Net income	18.4	75.6	112.2	120.8	308.5
Adjusted Net income	18.4	78.0	113.8	123.4	315.2
Net Cash flow from operations	84.6	75.3	128.3	185.3	388.9
Earnings per share - basic	0.04	0.16	0.24	0.25	0.65
Adjusted Earnings per share - basic	0.04	0.17	0.24	0.26	0.67
Gross average realized selling price (\$/dmt)	130.5	149.2	162.8	194.8	169.2
Net Average realized selling price (\$/dmt)	93.1	139.1	150.7	174.2	154.9
Total cash cost (\$/dmt)	53.9	58.4	48.5	56.2	54.1
All-in sustaining cost (\$/dmt)	59.8	64.8	57.4	65.0	62.2
Cash operating margin (\$/dmt)	33.3	74.3	93.3	109.2	92.7
Cash operating margin (%)	35.8%	53.4%	61.9%	62.7%	59.8%



# PREMIUM PRICING

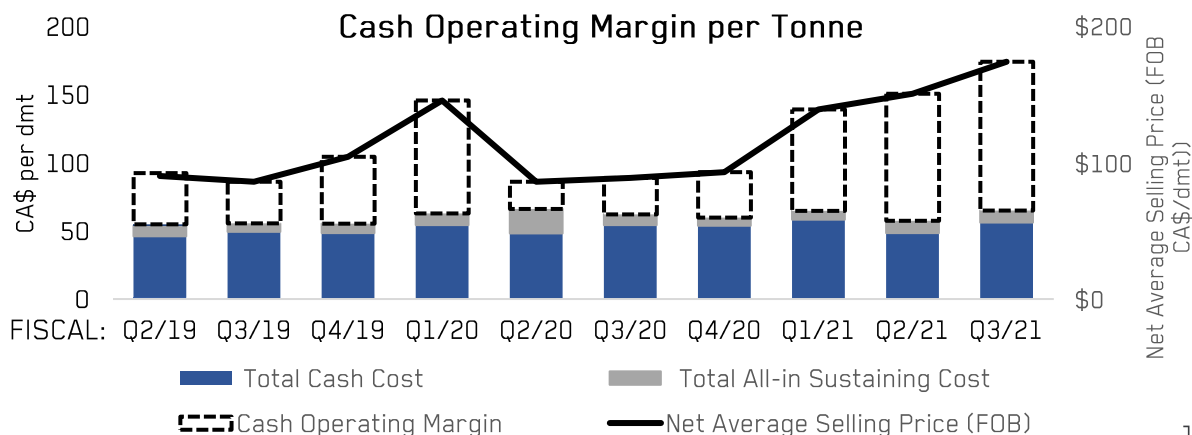
## PREMIUM REALIZED PRICE (FY2021 TO DATE AS OF DECEMBER 31, 2020)

■ Gross realized price tracking the P65 index average of US\$127.6/t over the same period



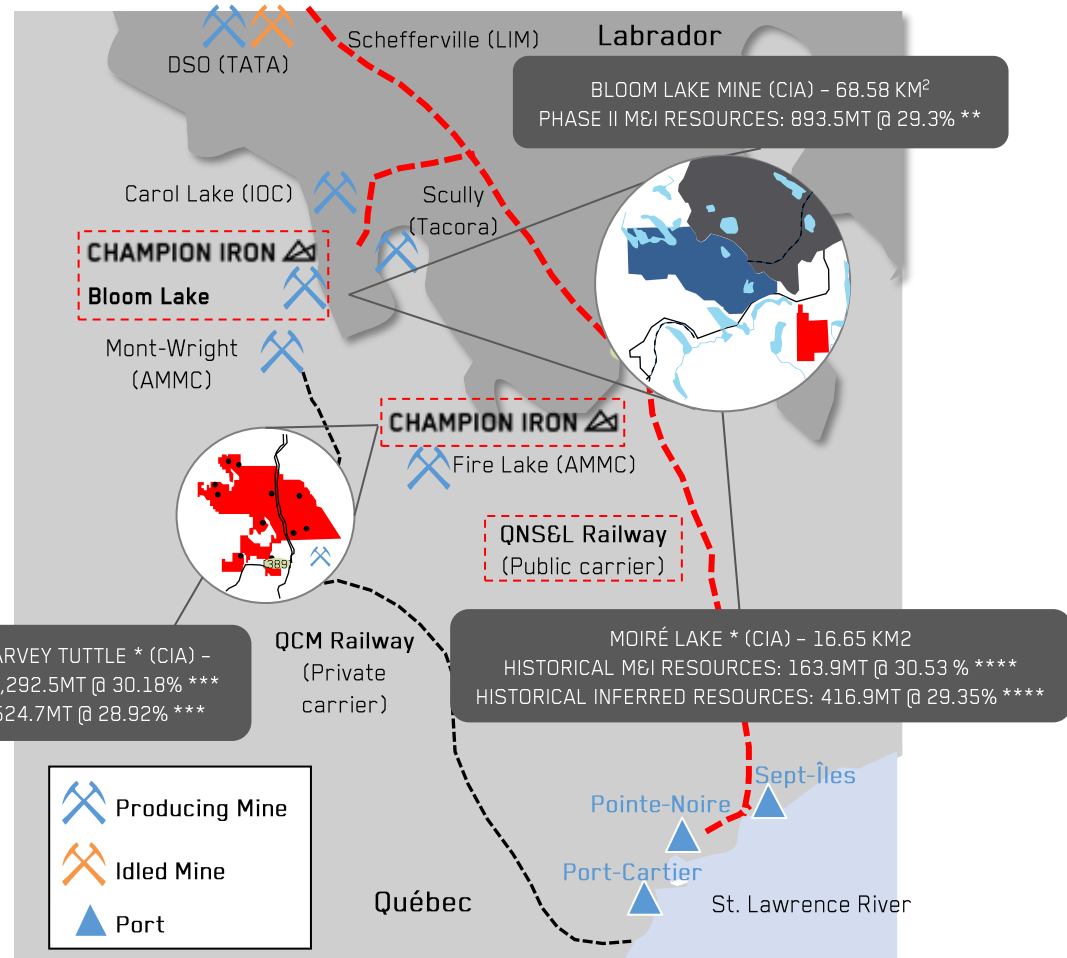
## CONVERTING TO STRONG CASH OPERATING MARGIN

- Ability to manage operating costs and benefit from higher iron ore prices
- Increased cash operating margin for the fifth consecutive quarter



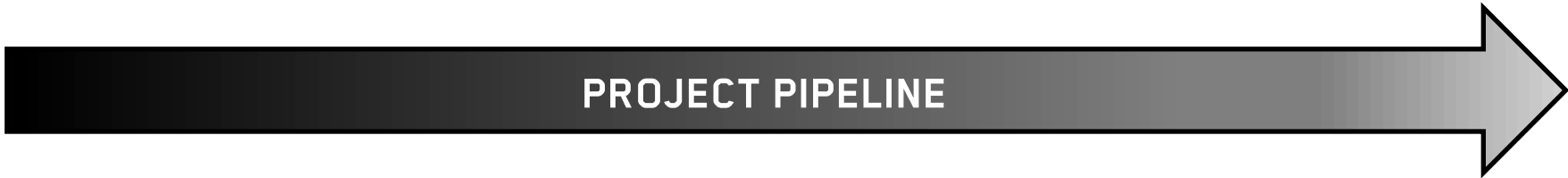
# LABRADOR TROUGH = WORLD-CLASS OPPORTUNITY

- Access to railway
- Newly built deep-water port
- Access to skilled labour
- Low-cost electricity @ \$0.045/KWh
- Phase II: 807M tonnes proven and probable reserves at Bloom Lake
- 20-year mine life
- 1.456MT of historical M&I resources and 3.942MT of historical inferred resources within 60km of Bloom Lake



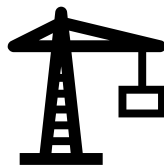
\* The historical mineral resources and reserves are historical estimates and should not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.  
 \*\* Bloom Lake Phase II resources are based on the Phase II Feasibility Study. Bloom Lake Phase II mineral resources include Bloom Lake Phase I mineral resources as of the effective date of the mineral resource estimate reported in the Phase II Feasibility Study. Bloom Lake mineral resources include Bloom Lake mineral reserves. See disclosure page for statement regarding Phase II Feasibility Study.  
 \*\*\* See Appendix B note 1 on slide 42.  
 \*\*\*\* See Appendix B note 2 on slide 42.  
 \*\*\*\*\* Certain reserves and resources mentioned are foreign estimates from an Australian perspective. See slide 35 "Company Projects – Mineral Resources & Reserves" for additional details.

# GROWTH OPPORTUNITIES



**OPERATING**

BLOOM LAKE  
PHASE I  
7.4 MTPA



**UNDER CONSTRUCTION**

BLOOM LAKE  
PHASE II  
15 MTPA\*



**STUDY STAGE**

FIRE LAKE NORTH  
9.3 MTPA\*  
  
KAMI PROJECT  
7.8 MTPA\*



**DEVELOPMENT**

MOIRÉ LAKE  
QUINTO  
HARVEY TUTTLE  
O'KEEFE PURDY  
POWDERHORN



**OPERATING & FINANCED\***

**FUTURE OPPORTUNITIES**

*\* Bloom Lake Phase II nameplate capacity of 15 Mtpa is combined Phase I & II; Fire Lake Pre-Feasibility Study; Alderon Kami Feasibility Study. See disclosure section for information on historical estimates. On November 16, Champion announced a proposed acquisition of the Kami Project. Closing of the acquisition of the Kami Project is subject to a governmental approval in Newfoundland and Labrador and other customary conditions. On December 23, 2020, the Company increased the Credit Facility from US\$200M to US\$400M, which together with cash on hand and cash flow from operations is expected to fully fund the Phase II project*

# BLOOM LAKE PHASE II PROJECT

## ROBUST ECONOMICS

- Expected to double capacity from 7.4 Mtpa to 15 Mtpa
- 20-year mine life
- Takes advantage of US\$1.2B already invested and infrastructure already in place
- Phase II NPV<sub>8%</sub> of \$956M and 33.4% IRR after-tax
- Combined Phase I & II NPV<sub>8%</sub> of \$3.76B pre-tax and \$2.38B after-tax
- 2.4 years payback on initial capital
- Economics based on conservative P65 life of mine iron ore price of US\$83.9/t or a discount of -36% to the P65 index when the results of the Feasibility Study were released on June 20, 2019

CAPEX PRE-PRODUCTION		
	(C\$M)	(US\$M)
General	28.2	21.4
Mine - Phase II	37.6	28.5
Crusher and stockpile	24.3	18.4
Concentrator	165.0	125.0
Tailings and water management	50.2	38.0
Services	30.5	23.1
Rail and port	73.4	55.6
Owner's costs	105.1	79.6
Contingency (15%)	75.5	57.2
<b>TOTAL</b>	<b>589.8</b>	<b>446.8</b>

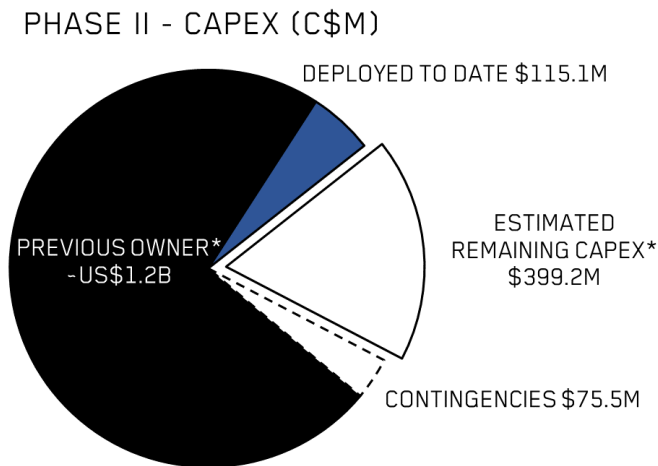
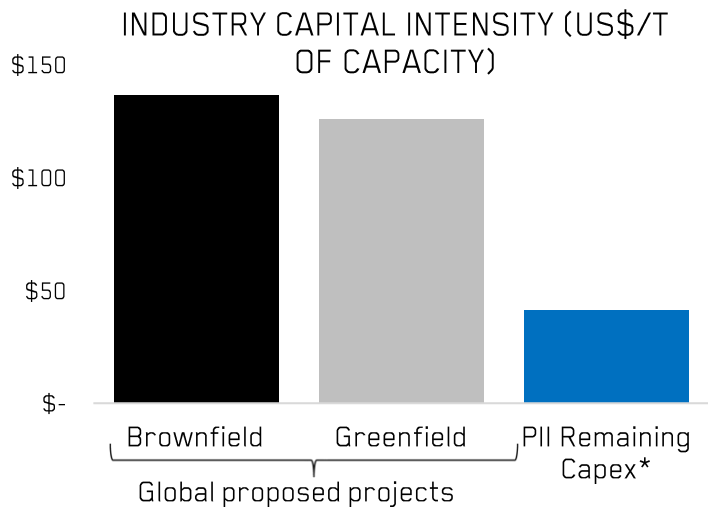
  

OPERATING COSTS		
	LoM (C\$/t)	LoM (US\$/t)
Mining	13.4	10.2
Crushing and conveying	1.7	1.3
Processing plant	7.9	6.0
Concentrate shipping	16.8	12.7
Water and tailings management	2.1	1.6
General and administrative	4.7	3.6
<b>TOTAL CASH COST</b>	<b>46.6</b>	<b>35.4</b>
Sustainability & other community expense	1.3	1.0
Sustaining CAPEX	4.4	3.3
<b>ALL-IN SUSTAINING COSTS</b>	<b>52.3</b>	<b>39.7</b>

\* See disclosure page for statement regarding Phase II Feasibility Study

# PHASE II – ADVANCED PROJECT

- Approved and fully financed project scheduled for completion by mid-2022\*
- Cumulative work programs of \$115.1M, including \$6M in advanced payments as of December 31, 2020
- Concrete and civil engineering work already completed significantly de-risked the project timeline

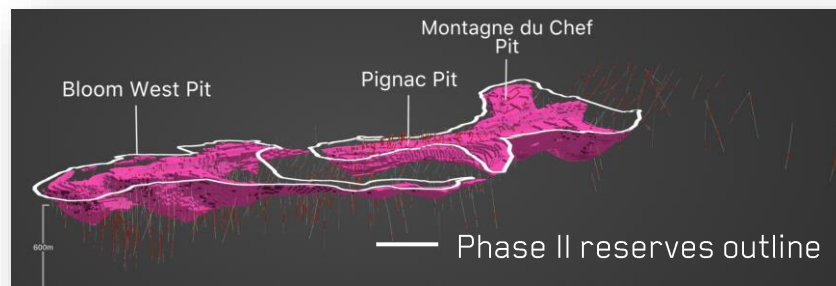
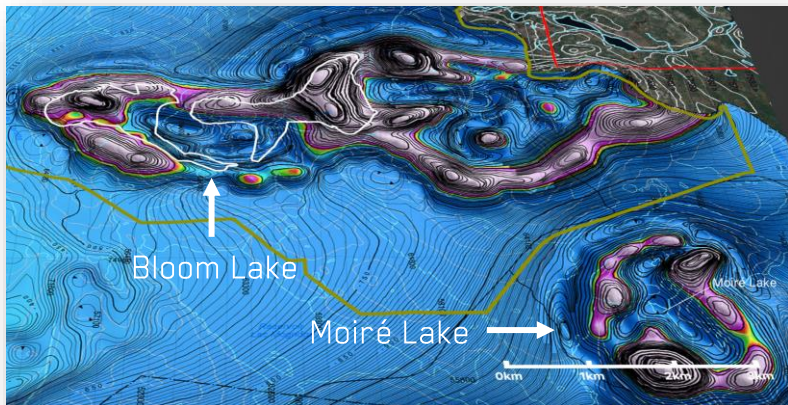


Source: Champion Iron Limited, Wood Mackenzie data; \*The Company expects to be fully financed to complete the Phase II project with the increased Credit Facility to US\$400M, cash on hand and cash flow from operations. Previous owner estimated CAPEX US\$1.2B based on 1.33 C\$ exchange rate; Estimated remaining capex as of December 31, 2020, based on Phase II Feasibility Study released on June 20, 2019, CAPEX is pre-deposits



# BLOOM LAKE AREA POTENTIAL OPPORTUNITIES

- Significant historical drilling highlights iron ore outside of current reserves at Bloom Lake\*
- Several magnetic anomalies outside of Bloom Lake current reserves\*



- Moiré Lake to the South East of Bloom Lake has an historical indicated resource of 163.9M tonnes and historical inferred resource of 416.9M tonnes\*\*

\*Figures are geological interpretations and should not be perceived as an indication of quality or quantity of resources. As such, the figures should not be interpreted as potential resources outside of the reserves outline.  
 \*\* The historical mineral resources and reserves are historical estimates and should not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves. See Appendix B note 2 on slide 42. The historical mineral resources mentioned are foreign estimates from an Australian perspective. See slide 35 "Company Projects - Mineral Resources & Reserves" for additional details

# ACQUISITION - KAMI PROJECT

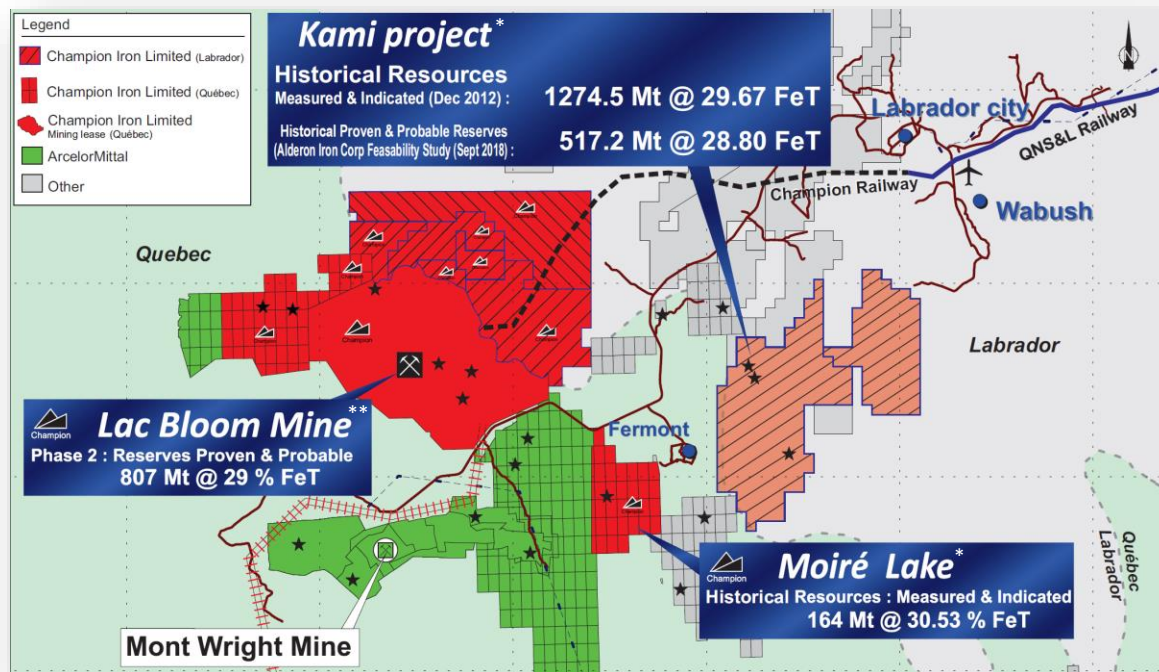
✓ On November 16, 2020, Champion announced the proposed acquisition of the KAMI project and related assets for a total consideration of 4.2M ordinary shares, \$15M cash and a finite production payment

■ Strategically located only a few kilometres south east of Bloom Lake

■ Significant historical resources and reserves of high-grade iron ore near available infrastructure

■ Acquisition will include 8 Mtpa of port capacity at the port of Sept-Îles, including a pre-payment of port related fees

■ Champion intends to review the scope of the project and complete an updated feasibility study in the near term



\* Closing of the acquisition of the Kami Project is subject to a governmental approval in Newfoundland and Labrador and other customary conditions. The historical mineral resources and reserves are historical estimates and should not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves. See Appendix B note 3 on slide 42 for Kami Project and Appendix B note 2 on slide 42 for Moiré Lake.

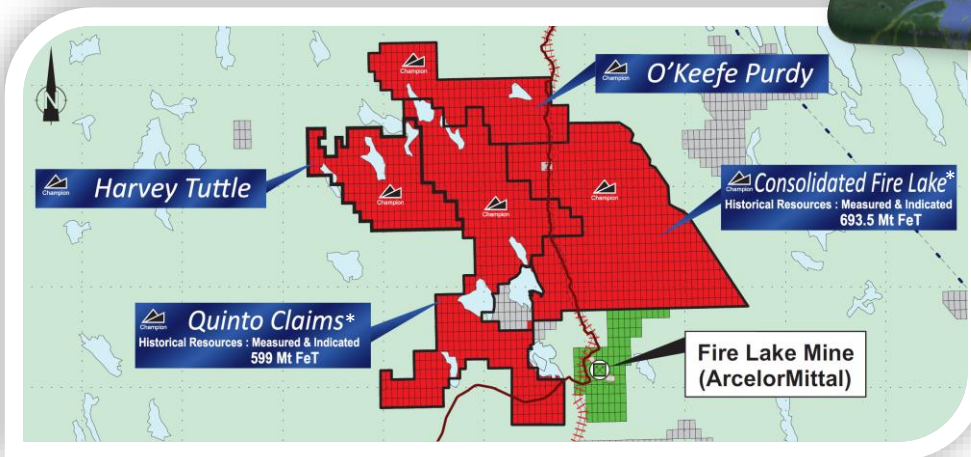
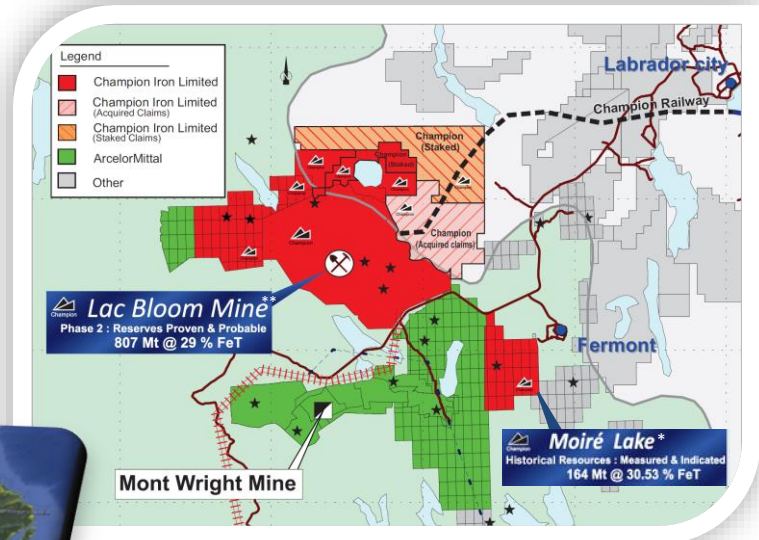
\*\* Bloom Lake Phase II proven and probable reserves are based on the Phase II Feasibility Study. Bloom Lake Phase II mineral reserves include Bloom Lake Phase I mineral reserves as of the effective date of the mineral reserve estimate reported in the Phase II Feasibility Study. See disclosure page for statement regarding Phase II Feasibility Study.

\*\*\* Certain reserves and resources mentioned are foreign estimates from an Australian perspective. See slide 35 "Company projects - Mineral Resources & Reserves" for additional details.

# REGIONAL OPPORTUNITIES

- In Q1/FY2021, acquired claims covering a 38 km<sup>2</sup> area and staked 31.8 km<sup>2</sup> in additional claims directly north of the Bloom Lake mining lease
- Now controls 178.2 km<sup>2</sup> area of prospective exploration land directly north and west of Bloom Lake
- Possibility to extend current mine life and/or offer growth opportunities for the future

# CHAMPION IRON



- Within 60 km of Bloom Lake, Champion controls over 1.46 Billion tonnes of historical M&I resources and 3.94 Billion tonnes of historical inferred resources
- A pre-feasibility study was completed on Fire Lake North in 2013 considering a 9.3 Mtpa project over a 19.6-year life of mine
- Completed railway feasibility study (completely funded by the Québec Government)

\* The historical mineral resources and reserves are historical estimates and should not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves. See Appendix B note 2 on slide 42 for Moiré Lake, Appendix B note 4 on slide 42 for Consolidated Fire Lake and Appendix B note 5 on slide 42 for Quinto claims.

\*\* Bloom Lake Phase II reserves are based on the Phase II Feasibility Study. Bloom Lake Phase II mineral reserves include Bloom Lake Phase I mineral reserves as of the effective date of the mineral reserve estimate reported in the Phase II Feasibility Study. See disclosure page for statement regarding Phase II Feasibility Study.

\*\*\* Certain reserves and resources mentioned are foreign estimates from an Australian perspective. See slide 35 "Company Projects - Mineral Resources & Reserves" for additional details.

# STRONG FINANCIAL POSITION

✓ On December 23, 2020, increased the Credit Facility from US\$200M to US\$400M and received an equipment financing commitment letter for US\$75M from Caterpillar Financial Services Limited



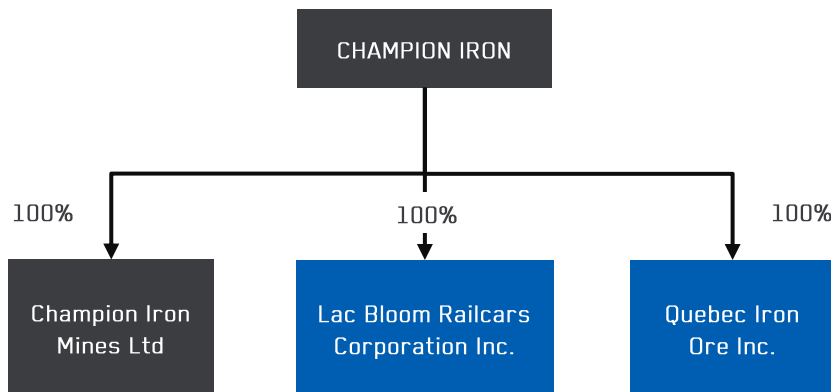
\$507.2M Cash & S-T Investments  
\$44.6M Restricted cash\*  
-\$61.0M Working Capital



Strong financial partners



\$254.6M Long-Term Debt (Face Value)\*  
US\$200M Available & undrawn Credit Facility\*



Pro-forma Capital Structure - As of December 31, 2020

- \$507.2M Cash & S-T Investments
- \$44.6M Restricted cash\*
- US \$180M Senior Secured Non-Revolving Term Loan
- US\$20M Senior Secured Revolving Credit Facility
- C\$185M CDP Preferred Equity

\* Restricted cash for potential cost overruns on Phase II as a condition of the Credit Facility; US\$200M long-term debt at Constant FX as of December 31, 2020; Undrawn Credit Facility including US\$170M Term Loan and US\$30M Revolving Facility

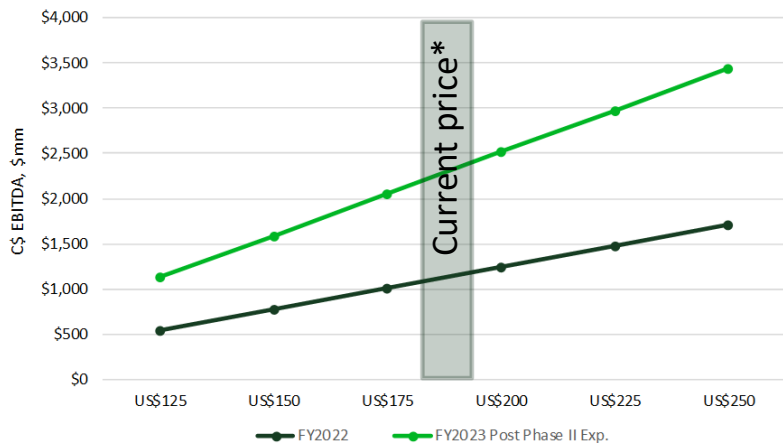


# STRONG LEVERAGE TO COMMODITY PRICE

- Strong leverage to higher commodity price
- Well positioned for downturn with cost competing with global majors and substantial cash operating margin



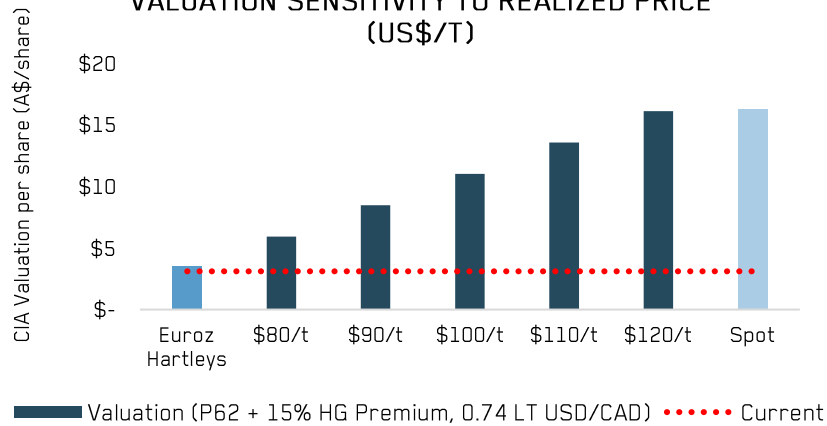
EBITDA Sensitivity to Realized Prices, US\$/t 65% Fe



\*Source: TD Securities January 27, 2021



VALUATION SENSITIVITY TO REALIZED PRICE (US\$/T)



\*Source: EUROZ Hartleys Securities, October 23, 2020

---

# APPENDIX A

---





---

# ENVIRONMENTALLY FOCUSED

---

# CHAMPION IRON

- No occurrence of a major environmental issue to date
- Implemented new initiatives that resulted in over 12 million litres (ML/yr) of fuel reduction, representing 33,000 t/yr of greenhouse gas reduction
- 95% of all water consumption sourced from reused and recycled mine site water
- 65% of energy consumption originates from renewable energy
- Québec Iron Ore no longer subject to the cap-and-trade system
- Conducted trials with new blasting compound to reduce Nitrogen Oxide (NOx) emissions
- Revegetation plan now covers 72 hectares



# EXPERIENCED TEAM

## MANAGEMENT TEAM



**Michael O'Keeffe**  
Executive Chairman

- Former Executive Chairman of Riversdale Mining Limited (2004-2011) where Mr. O'Keeffe led the development of Riversdale Mining from a junior until it was acquired by Rio Tinto for A\$4 billion
- Prior to joining Riversdale, Mr. O'Keeffe was a Managing Director with Glencore Australia Limited (1995-2004) and was responsible for Glencore's Australian trading acquisitions. Previously, held a series of senior operating positions with MIM Holdings (Mt. Isa)



**David Cataford**  
CEO

- Prior to joining Champion in 2014, Mr. Cataford held several management positions within Cliffs Natural Resources Inc., including key positions in their main iron ore deposit at Bloom Lake Mine in Fermont, Quebec. At Bloom Lake, Mr. Cataford played an important role in the management team including phase I expansion of the plant. His experience in iron ore mining includes mineral characterization projects at Bloom Lake and for ArcelorMittal at Mont Wright, as well as adapting the recovery circuit to meet new customer demands. Mr. Cataford was president and cofounder of the North Shore and Labrador Mineral Processing Society



**Natacha Garoute**  
CFO

- Has more than 20 years of finance experience as a CPA with a strong focus on mining and public corporations, with extensive international exposure
- Solid background in public company reporting and corporate finance expertise optimizing tax structures and financing development and production stages companies through project debt and equity financing
- Strong experience including CFO of Roxgold, senior finance positions at SEMAFO Inc., Canadian Railway, MDD and PWC



**Alexandre Belleau**  
COO

- Joined Champion Iron in 2016 and most recently held the title of General Manager of Project and Innovation, leading the Company's efforts in connection with the mine's proposed Phase II expansion project. Alexandre led the successful Phase I restart of Bloom Lake
- Executive member of the Quebec Mining Association



**Steve Boucraie**  
VP, General Counsel and  
Corporate Secretary

- Joined Champion Iron in May 2019 as Vice-President, General Counsel and Corporate Secretary
- Has more than 14 years of legal and transaction experience
- Previously served as Director, Legal Affairs and Assistant Corporate Secretary for Osisko Gold Royalties Ltd. and was a Partner at Fasken Martineau Dumoulin LLP

## BOARD OF DIRECTORS



**Andrew J. Love, FCA**  
Director

- More than 35 years of accounting experience in reorganizing and redesigning companies in Australia
- Over 30 years' experience as a consultant to public companies, particularly in mining and resource industries
- Managed two companies in the energy and mining sectors and served as Vice-President at Riversdale Mining



**Gary Lawler, LLB, LLM**  
Director

- Experience as an M&A lawyer for over 30 years
- Advised numerous companies and investment banks on transactions, including hostile takeovers and anti-takeover measures
- Served on the boards of Dominion Mining and Riversdale Mining



**Louise Grondin**  
Director

- SVP, People and Culture of Agnico Eagles Mines since January 2020
- Joined Agnico Eagle Mines in 2001 and has held various leadership positions including SVP, Environment, Sustainable Development and People; and SVP, Environment and Sustainable Development



**Wayne Wouters  
(The Honourable), PC**  
Director

- Strategic advisor for McCarthy Tétraut LLP
- Worked in Canadian Public service as Clerk of the Privy Council, Secretary to the Cabinet and Head of the Federal Public Service
- Previously served as deputy minister for several departments including Human Resources and Development of Skills Canada



**Michelle Cormier**  
Director

- Operating partner for Wynnchurch Capital, a \$2.3 billion private equity fund
- Former CFO of a private company and a publicly traded forest products company operating in Canada and the United States
- Vast experience in senior management roles including corporate strategy, finance, human resources and reorganization



**Jyothish George**  
Director

- Joined Glencore in London in 2006 and is currently head of the iron ore department
- Serves as Vice-Chairman of the board of directors of Jumelles Limited, the holding company of the Zanaga iron ore mine in the Republic of Congo

# INFRASTRUCTURE AND LOGISTICS

## 1 Mining

## 2 Crushing

## 3 Concentrating

## 4 Rail

## 5 Port

### Asset Snapshot



### Description / Commentary

- Typical blast and shovel mining operations
- Trucked to near-pit crusher
- 3 distinct mining areas

- Crushed in near-pit crusher and conveyed 3.45km to the processing facility

- Upgrading the ~30% Fe to 66% Fe
- Grinding, screening, gravity circuit and magnetic recovery

- Transported by rail from loading station at Bloom Lake to Port of Pointe-Noire Sept-Îles
- Rail agreement with Quebec North Shore and Labrador Railway Company (QNS&L)
  - Cost is variable based on wet tonnage

- Agreement with Government of Quebec for unloading and stocking area and service agreement with Port of Sept-Îles for ship loading
- Access to state of the art brand new deep sea berth
- One of North America's largest ore-handling ports with year round access

### Key Equipment

- 10 CAT Trucks
- 3 Shovels
- 3 Loaders
- 3 Drills

- 3.45km conveyor system
- 2 fully operational crushers with spare capacity

- 2 concentrators
  - Phase I concentrator is operational
  - Phase II concentrator is approximately 70% complete

- "On-site" privately owned 32km railway linking Bloom Lake Mine site to QNS&L
- 835 specialized iron ore rail cars

- Arnaud rail
- Rotary car dumper
- Stacker / Reclaimer
- 36km of government owned railway

### Current Phase I and Potential Phase II Annual Throughput Capacity

Phase I capacity: 7.4 Mtpa  
Phase II capacity: 7.6Mtpa  
Total Capacity: 15Mtpa

Phase I capacity: 7.4 Mtpa  
Phase II capacity: 7.6Mtpa  
Total Capacity: 15Mtpa

Phase I capacity: 7.4 Mtpa  
Phase II capacity: 7.6Mtpa  
Total Capacity: 15Mtpa

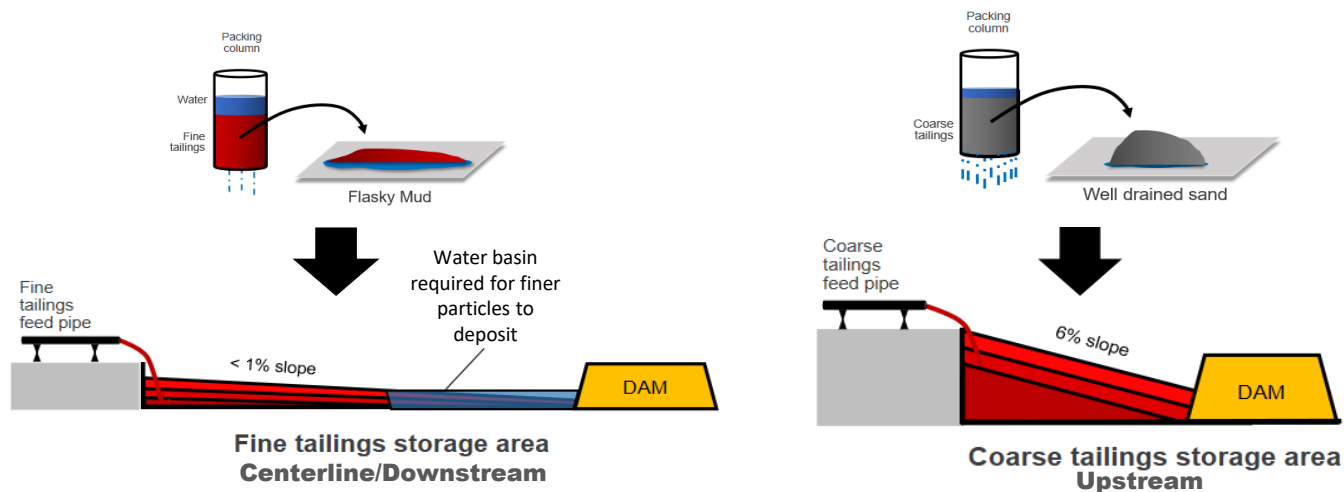
Available excess capacity at QNS&L

Multi-user Port with total capacity of 50M tpa

# TAILINGS MANAGEMENT

## CHAMPION'S TAILINGS MANAGEMENT IS ADOPTING A CONSERVATIVE APPROACH

- Fine and coarse tailings separation representing 12% & 88%, respectively
- 10:1 slope for upstream dam construction vs. industry standard of 6:1
- Fines managed with center line dam systems
- Real time monitoring consoles + robust daily inspections and annual audits
- Low seismic area reduces the risk of a potential event as tailings rest on the Canadian Shield, an old and stable bedrock foundation



# PHASE II - FEASIBILITY STUDY

## COMBINED PHASE I & II (JUNE 2019)

### SUMMARY OF ECONOMIC PARAMETERS AND FEASIBILITY RESULTS – PHASE I & II (COMBINED)

Mining Parameters	Reserve (Mt)	807.0
	Processed Tonnage (Mtpa)	41.6
	Average Stripping Ratio (waste:ore)	0.88
	Average Fe Feed Grade (% Fe)	29.0
	Average Fe Processing Recovery (%)	82.4%
	Average Mining Dilution (%)	1.2%
	Average Recovered Concentrate (Mtpa)	15
Cost Parameters	Mine Life (years)	20 years
	Initial CAPEX, pre-production (C\$M)	589.8
	Initial CAPEX, total including deposits (C\$M)	633.8
	LOM Sustaining CAPEX (C\$M)	1,220
	LOM FOB Sept-Îles Production Costs (C\$/t dry concentrate)	46.6
	LOM OPEX FOB Sept-Îles, all-in sustaining (C\$/t dry concentrate)	52.3
Revenue Parameters	LOM freight cost (US\$/t dry concentrate)	21.54
	Gross Revenue (C\$M)	32,281
Iron Ore Price Parameters	Net Cash Flow After Taxes (C\$M)	5,186
	LOM Avg Iron Price at 66.2%Fe CFR China (US\$/t)	84.1
Valuation Parameters	Average Exchange Rate	0.76 US\$/C\$
	NPV – 8% (after-tax) (C\$M)	2,384
	IRR (after-tax)	33.4%
	Payback (after-tax) (years)	2.4

\* See disclosure page for statement regarding Phase II Feasibility Study. Bloom Lake Phase II proven and probable reserves are based on the Phase II Feasibility Study. Bloom Lake Phase II mineral reserves include Bloom Lake Phase I mineral reserves as of the effective date of the mineral reserve estimate reported in the Phase II Feasibility Study.

# BLOOM LAKE RESERVES & RESOURCES

## PHASE II – FEASIBILITY STUDY

### Mineral Resource Estimate for Bloom Lake

Category	Tonnage (dry) (M dmt)	Fe (%)	CaO (%)	Sat (%)	MgO (%)	Al <sub>2</sub> O <sub>3</sub> (%)
Measured	379.1	30.2	1.4	4.4	1.4	0.3
Indicated	514.4	28.7	2.5	7.7	2.3	0.4
Total M+I	893.5	29.3	2.1	6.3	1.9	0.4
Inferred	53.5	26.2	2.8	8.0	2.4	0.4

### Mineral Reserve Estimate for Bloom Lake

Category	Diluted Ore Tonnage (dry) (M dmt)	Fe (%)	CaO (%)	Sat (%)	MgO (%)	Al <sub>2</sub> O <sub>3</sub> (%)
Proven	346.0	29.9	1.5	4.7	1.4	0.3
Probable	461.0	28.2	2.6	7.9	2.5	0.6
Total P&P	807.0	29.0	2.2	6.5	2.0	0.5

Phase II reserves and resources are based on the Phase II Feasibility Study. Phase II reserves and resources include Phase I reserves and resources as of the effective dates of the mineral reserve and mineral resource estimates reported in the Phase II Feasibility Study. The Phase II mineral resource estimate was prepared by or under the supervision of Pierre-Luc Richard, P. Geo, of BBA Inc. Mr. Richard is an independent qualified person, as defined by NI 43-101. The effective date of the estimate is April 19, 2019. The Phase II mineral reserve estimate was prepared by or under the supervision of Isabelle Leblanc, P. Eng., of BBA Inc. Ms. Leblanc is an independent qualified person, as defined by NI 43-101. The effective date of the estimate is May 17, 2019. Phase II mineral reserves are included in the Phase II mineral resources



# COMPANY PROJECTS

## MINERAL RESOURCES & RESERVES

CHAMPION IRON LIMITED - MINERAL RESOURCES (MILLION DRY METRIC TONNES)						
PROPERTY	GROUP	MEASURED	INDICATED	M+I	INFERRED	SOURCE
Bloom Lake	Bloom Lake	379.1	514.4	893.5	53.5	Phase II Feasibility Study. Estimate effective date - April 19, 2019. Includes Bloom Lake Phase II resources and Bloom Lake Phase I resources as of the effective date of the mineral resource estimate reported in the Phase II Feasibility Study. Mineral resources include mineral reserves.
Consolidated Fire Lake*	Fire Lake North	26.6	666.9	693.5	521.6	Historical estimates. See Appendix B note 4 on slide 42
	Bellechasse	-	-	-	215.1	
	Oil can	-	-	-	972.0	
	<i>Total</i>	<i>26.6</i>	<i>666.9</i>	<i>693.5</i>	<i>1708.7</i>	
Moiré Lake*	Moiré Lake	-	163.9	163.9	416.9	Historical estimates. See Appendix B note 2 on slide 42
Quinto Claims*	Peppler Lake	-	327.0	327.0	216.0	Historical estimates. See Appendix B note 5 on slide 42
	Lamelée	-	272.0	272.0	653.0	
	Hobdad	-	-	-	-	
	Lac Jean	-	-	-	-	
	<i>Total</i>	-	<i>599.0</i>	<i>599.0</i>	<i>869.0</i>	
Harvey Tuttle*	Harvey Tuttle	-	-	-	947.0	Historical estimate. See Appendix B note 9 on slide 43
O'Keefe-Purdy	O'Keefe-Purdy	-	-	-	-	
<b>TOTAL</b>		<b>405.7</b>	<b>1944.2</b>	<b>2349.9</b>	<b>3995.1</b>	

PROPOSED ACQUISITION - KAMI PROJECT RESOURCES (MILLION DRY METRIC TONNES) **						
PROPERTY	GROUP	MEASURED	INDICATED	M+I	INFERRED	SOURCE
Kami*	Kami	536.9	737.6	1274.5	53.5	Historical estimates. See Appendix B note 6 on slide 42

CHAMPION IRON LIMITED - MINERAL RESERVES (MILLION DRY METRIC TONNES)							
PROPERTY/ GROUP	PROVEN	Fe%	PROBABLE	Fe%	RESERVES PROVEN & PROBABLE	Fe%	SOURCE
Bloom Lake	346.0	29.9	461.0	28.2	807.0	29.0	Phase II Feasibility Study. Estimate effective date - May 17, 2019. Includes Bloom Lake Phase II reserves and Bloom Lake Phase I reserves as of the effective date of the mineral reserve estimate reported in the Phase II Feasibility Study. Bloom Lake mineral reserves are included in Bloom Lake mineral resources.
Fire Lake North*	23.7	35.96	440.8	32.17	464.5	32.37	Historical estimates. See Appendix B note 7 on slide 42
<b>TOTAL</b>	<b>369.7</b>	<b>30.3</b>	<b>901.8</b>	<b>30.1</b>	<b>1271.5</b>	<b>30.2</b>	

PROPOSED ACQUISITION - KAMI PROJECT RESERVES (MILLION DRY METRIC TONNES)**							
PROPERTY/ GROUP	PROVEN	Fe%	PROBABLE	Fe%	RESERVES PROVEN & PROBABLE	Fe%	SOURCE
Rose deposit (Kami)*	392.7	29	124.5	28.9	517.2	28.8	Historical estimates. See Appendix B note 8 on slide 43

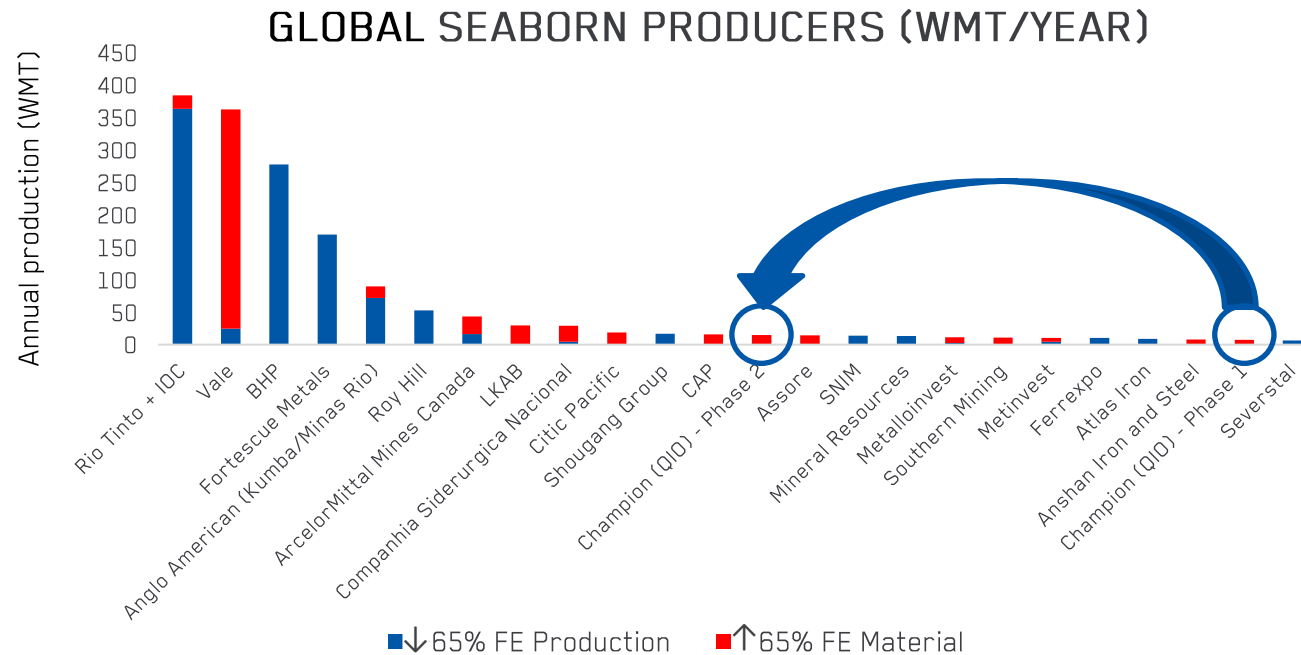
\* The historical mineral resources and reserves are historical estimates and should not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.

\*\* Closing of the acquisition of the Kami Project is subject to a governmental approval in Newfoundland and Labrador and other customary conditions.

\*\*\* Certain reserves and resources mentioned are foreign estimates from an Australian perspective.

# BLOOM LAKE PHASE II POSITIONING AS A GLOBAL LEADER

- Focus on creating value per share
- With most high-grade iron ore production coming from Brazil and globally integrated steel makers, Champion is one of the only independent producers of high-grade iron ore globally
- Over 70% of the global high-grade iron ore export from Brazil
- Phase II would further position Champion as one of the largest high-grade iron ore producers in the world





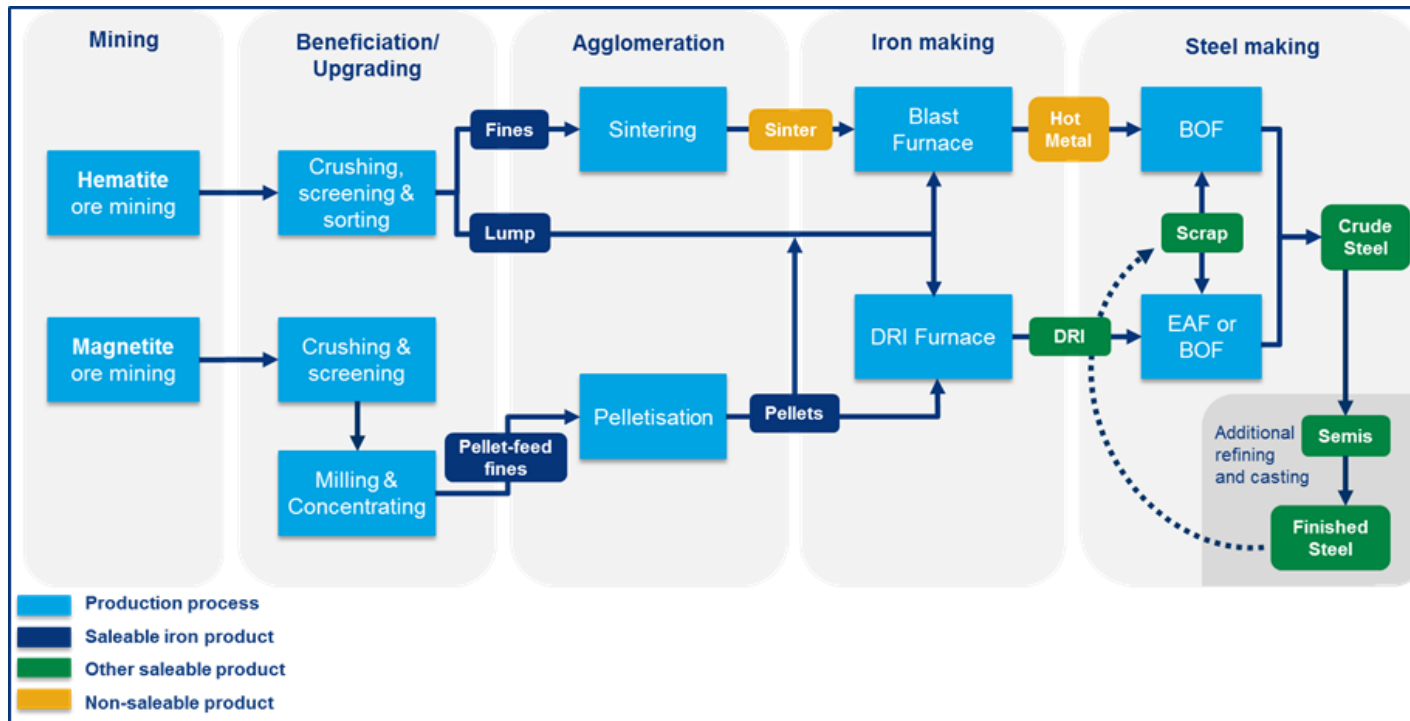
# IRON ORE VALUE CHAIN

- > Bloom Lake produces concentrate fines primarily used in sintering process, but can also be grinded further for pellet feed by some customers

SINTER



PELLETS



\*Source: WoodMackenzie»



---

# BLOOM LAKE MINE COMPLEX

---

CHAMPION IRON 





---

# MULTI-USER PORT

---

CHAMPION IRON 





# STRUCTURAL IMPROVEMENTS 2018 RECOMMISSIONING

> New multi-user berth



> New 3.5km overland conveyor



> Re-engineered recovery circuit



> New tailings pumping system



## NOTES ON HISTORICAL ESTIMATES USED IN THE PRESENTATION

1. The historical Consolidated Fire Lake estimates are based on the National Instrument 43-101 technical report entitled "Preliminary Feasibility Study of the West and East Pit Deposits of the Fire Lake North Project" by BBA Inc., P&E Mining Consultants Inc. and Rail Cantech Inc. dated February 22, 2013 and having an effective date of January 25, 2013. The historical Quinto estimates are based on the National Instrument 43-101 technical reports entitled "Mineral Resource Technical Report, Peppler Project, Quebec" and "Mineral Resource Technical Report, Lamelee Project, Quebec", each by G H Wahl & Associates Consulting dated February 15, 2013 and having an effective date of December 31, 2012. The historical Harvey Tuttle estimates are based on the National Instrument 43-101 technical report entitled "Technical Report and Resource Estimate on the Harvey-Tuttle Property Québec, Canada" by P&E Mining Consultants Inc. dated April 13, 2011 and having an effective date of February 25, 2011. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
2. The historical Moiré Lake estimates are based on the National Instrument 43-101 technical report entitled "Technical Report and Mineral Resource Estimate on the Moire Lake Property" by P&E Mining Consultants Inc. dated May 11, 2012 and having an effective date of March 28, 2012. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
3. The historical Kami Project reserve estimates are based on the National Instrument 43-101 technical report entitled "Updated Feasibility Study of the Kamistatusset (Kami) Iron Ore Property, Labrador" prepared for Alderon Iron Ore Corp. by BBA Inc., Gemtec Ltd., Watts, Griffis and McQuat Ltd. and Golder Associates Ltd. dated October 31, 2018 and having an effective date of September 26, 2018. The historical Kami Project resource estimates are based on the National Instrument 43-101 technical report entitled "Feasibility Study of the Rose Deposit and Resource Estimate for the Mills Lake Deposit of the Kamistatusset (Kami) Iron Ore Property, Labrador" prepared for Alderon Iron Ore Corp. by BBA Inc., Stantec and Watts, Griffis and McQuat Ltd. dated January 9, 2013 and having an effective date of December 17, 2012. Kami Project mineral resources include Kami Project mineral reserves. The historical mineral resources and reserves mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
4. The historical Consolidated Fire Lake estimates are based on the National Instrument 43-101 technical report entitled "Preliminary Feasibility Study of the West and East Pit Deposits of the Fire Lake North Project" by BBA Inc., P&E Mining Consultants Inc. and Rail Cantech Inc. dated February 22, 2013 and having an effective date of January 25, 2013. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
5. The historical Quinto estimates are based on the National Instrument 43-101 technical reports entitled "Mineral Resource Technical Report, Peppler Project, Quebec" (as regards Peppler Lake) and "Mineral Resource Technical Report, Lamelee Project, Quebec" (as regards Lamelée), each by G H Wahl & Associates Consulting dated February 15, 2013 and having an effective date of December 31, 2012. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
6. The historical Kami Project resource estimates are based on the National Instrument 43-101 technical report entitled "Feasibility Study of the Rose Deposit and Resource Estimate for the Mills Lake Deposit of the Kamistatusset (Kami) Iron Ore Property, Labrador" prepared for Alderon Iron Ore Corp. by BBA Inc., Stantec and Watts, Griffis and McQuat Ltd. dated January 9, 2013 and having an effective date of December 17, 2012. Kami Project mineral resources include Kami Project mineral reserves. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
7. The historical Fire Lake North estimates are based on the National Instrument 43-101 technical report entitled "Preliminary Feasibility Study of the West and East Pit Deposits of the Fire Lake North Project" by BBA Inc., P&E Mining Consultants Inc. and Rail Cantech Inc. dated February 22, 2013 and having an effective date of January 25, 2013. The historical mineral reserves mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.

---

# APPENDIX B

---



## NOTES ON HISTORICAL ESTIMATES USED IN THE PRESENTATION

8. The historical Kami Project reserve estimates are based on the National Instrument 43-101 technical report entitled "Updated Feasibility Study of the Kamistatusset (Kami) Iron Ore Property, Labrador" prepared for Alderon Iron Ore Corp. by BBA Inc., Gemtec Ltd., Watts, Griffis and McQuat Ltd. and Golder Associates Ltd. dated October 31, 2018 and having an effective date of September 26, 2018. Kami Project mineral reserves are included in the Kami Project mineral resources. The historical mineral reserves mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.
9. The historical Harvey Tuttle estimates are based on the National Instrument 43-101 technical report entitled "Technical Report and Resource Estimate on the Harvey-Tuttle Property Québec, Canada" by P&E Mining Consultants Inc. dated April 13, 2011 and having an effective date of February 25, 2011. The historical mineral resources mentioned are strictly historical in nature, are non-compliant with National Instrument 43-101 and should therefore not be relied upon. A qualified person has not done sufficient work to upgrade or classify the historical estimates as current mineral resources or mineral reserves and Champion Iron is not treating the historical estimates as current mineral resources or mineral reserves.



# THANK YOU!

CHAMPION IRON 

Contact us for more information.

Michael Marcotte, VP Investor Relations  
mmarcotte@championiron.com 514-316-4858