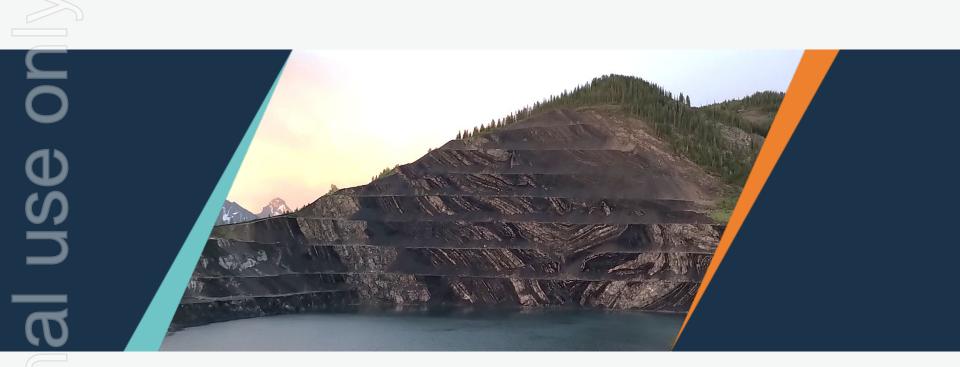
## **Montem Resources Limited**

Canada's next steelmaking coal exporter





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# **Montem - Capital Structure**

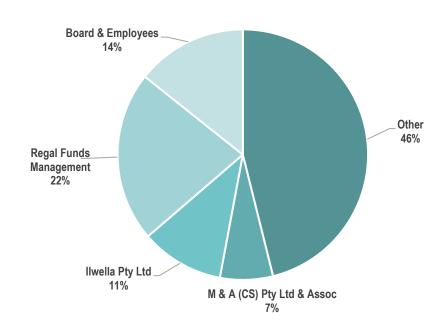
#### apital Structure (MR1.ax)

Ordinary Shares	202,626,811
Performance Rights	8,719,710
Options	6,315,133
Shares escrowed at IPO¹	42,718,252
Share Price (01 Dec 2020)	\$0.25
Undiluted market capitalisation	A\$50,656,702
Cash (30 September 2020)	A\$7.07million

#### Share Price Performance



#### Montem share ownership (at IPO)



1. 42,718,252 shares, 6,767,898 Performance Rights and 3,792,897 Options are subject to escrow restrictions for terms between 12 and 24 months

# **Directors and Management**



MARK LOCHTENBERG Chairman

Previously co-head of Glencore International AG's worldwide coal division



PETER DOYLE Managing Director & Chief **Executive Officer** 

- 25 years coal industry experience
- Canada based



**BOB BELL Chief Commercial Officer** 

- Previously Chief Commercial Officer at Teck Coal
- 30+ years coal industry experience

# **Montem - Strategy**

Tent Mountain Mine

Re-start mining at the Tent Mountain Mine (60Mt JORC) Proven HCC, previously sold to Japanese steel mills Planned production by 2022 Rail and port capacity secured

Chinook **Project** 

Explore & develop multiple large open pit mines

ATU's Elan Project and Teck's Elk Valley Complex

Greenfields

including 4-Stack, Oldman and Isola

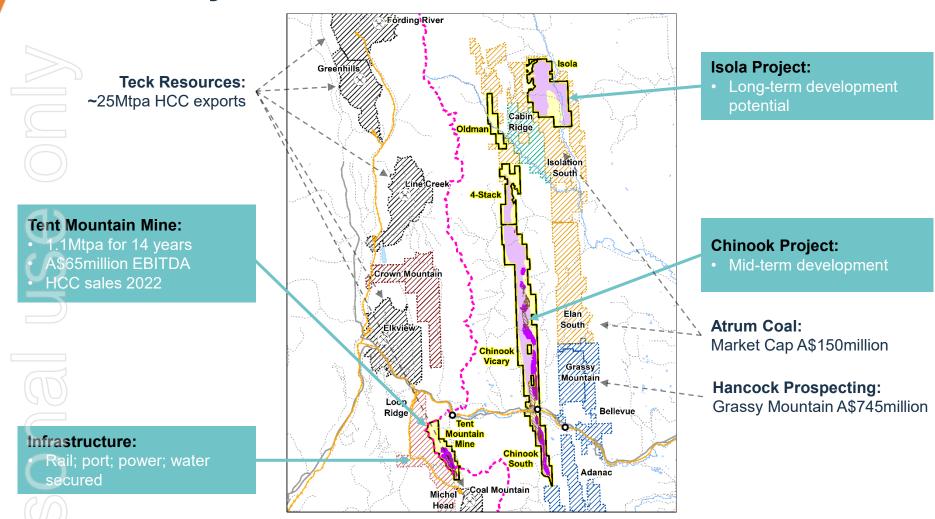
1.5Bt1 exploration target across Montem's assets



JORC Resource and Reserve Table refer to Appendix

1. Mineral Resources have been estimated according to JORC 2012 standards. The potential quantity and grade of the Exploration Target is conceptual in nature and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Targets are conceptual in nature and there has been insufficient exploration carried out to define the relevant Coal Resource and are presented as a range to represent uncertainty in seam thickness, quality and location. The Exploration Target is not reported as part of any Mineral Resource or Ore Reserve.

# **Elk Valley & the Crowsnest Pass**



1. Mineral Resources have been estimated according to JORC 2012 standards. The potential quantity and grade of the Exploration Target is conceptual in nature and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Targets are conceptual in nature and there has been insufficient exploration carried out to define the relevant Coal Resource and are presented as a range to represent uncertainty in seam thickness, quality and location. The Exploration Target is not reported as part of any Mineral Resource or Ore Reserve

# Tent Mountain Mine – Feasibility Study Results

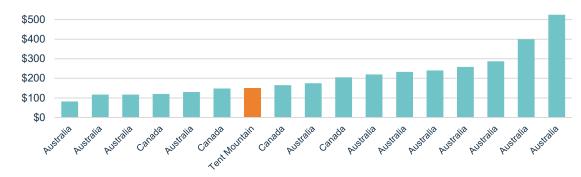
Near term production (2022), low risk re-start, port capacity secured

#### Tent Mountain Mine -Project Parameters

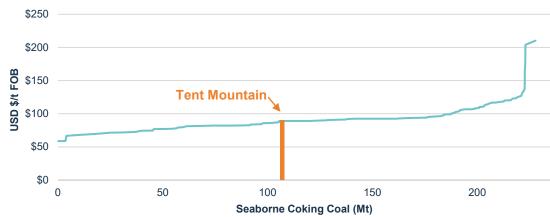
Coal Type	Tier 2 Hard coking coal
Resource (JORC, 202	0) 60 Mt
Reserve – ROM	22 Mt
Reserve – Product	13 Mt
Washery Yield	60 %
Mining method	Open cut
First coal	Q1 2022
Production	1.1 Mtpa
Mine Life	14 years
Strip Ratio	8.8:1 (ROM basis)
Capital required	US\$168m
Operating cost	US\$ 88/t FOB
Project NPV (post tax)	C\$129 million
IRR (post tax) <sup>1</sup>	17.3%

<sup>1.</sup> Based on US\$150 LT HCC Reference Price, 13% discount for Tent Mtn. CAD:USD of 0.75 AUD:USD of 0.72

#### Capital Intensity – Hard Coking Coal Projects (USD / tonne capacity)<sup>2</sup>



#### Seaborne Export HCC Cost Curve 2020<sup>3</sup>



- 2. Source: Wood Mackenzie Ltd, February 2020 dataset; Company disclosures; Montem management analysis
- 3. Source: Wood Mackenzie Ltd, February 2020 dataset; Tent Mountain FOB costs from 2020 DFS

## **Tent Mountain Mine**

Over the past three years, Montem has significantly de-risked this project, completing pre-feasibility and definitive feasibility studies, and major permits are already granted

## Exploration

- Completed drilling 7,000m, delineating 60Mt resources
- Confirmed quality: Tier 2 Hard Coking Coal (13% discount to premium HCC)

## Permitting

- Mine permit and EPEA granted giving timeline advantage, de-risking the project
- Federal gov't do not require environmental review only need Alberta licencing
- Applications for final permits, mineral surface lease, water act and coal conservation act licenses well advanced

#### Infrastructure

- Secured land for rail loadout (option agreement)
- Port capacity reserved
- Power supply, road access and water are available

## Feasibility

- ✓ Definitive Feasibility Study completed, showing robust financial results
- √ Final engineering design underway

#### In progress

- Mine re-start application to be submitted: Q4 2020
- Pre-construction mine design finalisations: Q4 2020 - Q2 2021
- Preliminary construction earth works: H<sub>2</sub> 2021

# Chinook Project – World Class Potential

#### 4-Stack:

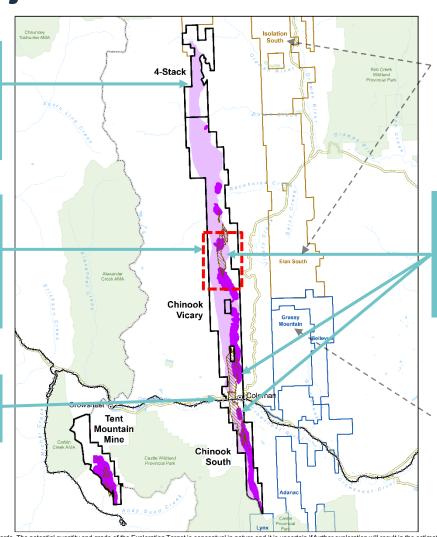
- 65Mt 125Mt Exploration Target1
- Northern extension of Chinook mine, or stand-alone development

#### **Chinook Project:**

- Potential for multiple large scale open-cut mines
- 149Mt JORC<sup>1</sup>
- 125Mt 450Mt Exploration Target1

#### Infrastructure:

Power, road and rail runs through the lease area



#### **Atrum Coal:**

Market Cap A\$150 million

#### **Coal Quality:**

- Premium Hard Coking Coal
- Vicary mine exported 100% to Japan steel mills
- Three previous underground

**Hancock Prospecting:** 

Grassy Mountain A\$745 million

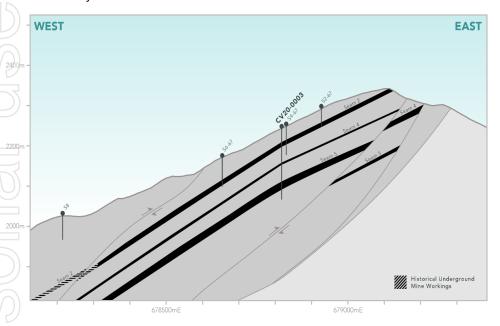
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# **Chinook Vicary exploration success**

#### Large resource upgrade beginning to be defined at Chinook Vicary

- Adjacent to Hancock's Grassy Mountain Project and Atrum
- Drilling in September/October confirmed the occurrence of near surface, structurally thickened zones of coal
- Cored coal seams up to 22m thick
  - 15km from rail; previously mined and sold to Japanese steelmakers

#### Chinook Vicary Cross Section B-B





## **Greenfield Properties – Exploration Targets of over 1Bt**

Oldman

Isola

#### Oldman:

- Open-cut mining potential
- Northern extension of 4-Stack

#### Isola:

- 275Mt-900Mt Exploration Target1
- Hosts both open-cut and underground mining potential

#### 4-Stack:

- 65Mt-125Mt Exploration Target<sup>1</sup>
- Geological interpretation suggests coal seams have been fault repeated up t 4 times

#### **Atrum Coal:**

Isolation South Project has potential for large open-cut mine

4-Stack

<sup>1.</sup> Mineral Resources have been estimated according to JORC 2012 standards. The potential quantity and grade of the Exploration Target is conceptual in nature and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Targets are conceptual in nature and there has been insufficient exploration carried out to define the relevant Coal Resource and are presented as a range to represent uncertainty in seam thickness, quality and location. The Exploration Target is not reported as part of any Mineral Resource or Ore Reserve.

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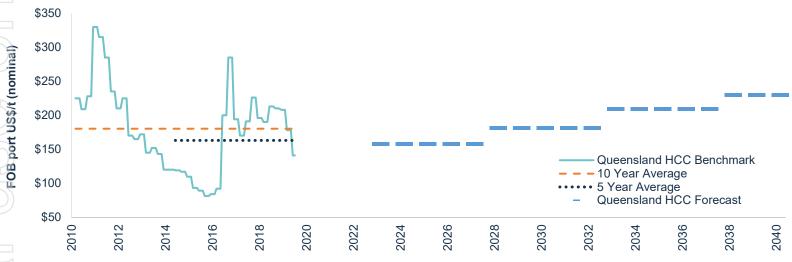
December 2020

11

# Favourable Steelmaking Coal Market Dynamics

Long-term outlook for HCC remains strong, and already at US\$140/t (spot Q1 2021)

#### Hard Coking Coal pricing outlook



Source: Wood Mackenzie Coal Market Service (Dec 2019); IHS McCloskey

- Spot market curve remains in strong contango, indicating traders believe current prices are low Canada producers currently<sup>1</sup> receiving US\$30/t premium to Australian prices
- Montem's uses the WoodMac long-term forecast price which is significantly below the 10-year historical price (US\$180/t)

<sup>1.</sup> Source: HIS McCloskey Coal Report - Issue 498, 13 November 2020

## **Next 12 Months**

- Tent Mountain Mine restart application
  - » Application to AER in Q4 2020; expected 12 month processing
- **Tent Mountain Mine optimisation & JV set-up** 
  - » Pre-development optimisation of DFS; seeking minority JV partner at mine
  - Westshore port capacity reservation completed
  - » Port capacity secured for up to 1.25Mtpa export from Vancouver
- Chinook Project exploration drilling completed
  - Exploration drilling in September and October to confirm Tier 1 Hard Coking Coal
  - Exploration targeting low ratio open-cut resources at Vicary pit
- **Chinook Project concept study update**
- Chinook mining study to define open-cut mining areas, overall size of the mines, and logistics options

## **Value**

Near-Term **Production**  **Tent Mountain Mine Definitive Feasibility Study completed;** fast re-start with first coal shipments planned for 2022, capable of annual EBITDA of A\$65m<sup>1</sup>

Long-Term Scale Upside Potential to self fund the Chinook Project, targeting world class scale open-cut mines



**Favourable Steelmaking Market Conditions** 

Historical 10-year average HCC coal price US\$180/t; **COVID-19 recovery** to be led by infrastructure spending, increasing steel and coking coal demand

**Steelmaking Coal** 

High quality Hard Coking Coal

**Experienced Board** and Management

Board and management team with significant global coal market experience

1. Source: Tent Mountain Mine Definitive Feasibility Study: cash cost US\$88/t; avg. sale price US\$130/t; 1.1Mtpa sales

# Contacts

Peter Doyle

Managing Director & CEO +1 778 888 7604

pdoyle@montem-resources.com

Melanie Leydin

CFO and Company Secretary

+61 3 9692 7222

ecretary@montem-resources.com

Nathan Ryan

IR & Media

+61 420 582 887





## APPENDIX 1

# Reserves and Resources

## **Resources and Reserves**

#### 2020 JORC In-place Coal Resource (Mt)

	Measured	Indicated	Inferred	Total Resources
Tent Mountain	3.7	48.1	8.4	60.1
Chinook Vicary	-	52.6	32.2	84.8
Chinook South	-	51.2	13.1	64.3
4-Stack	-	-	-	-
Isola	-	-	-	-
Total	3.7	151.9	53.7	209.3

#### 2020 JORC Tent Mountain Coal Reserves (Mt)

	ROM	Product
Proved	3.6	2.2
Probable	18.4	10.9
Total	22.0	13.1

#### **2020 JORC Exploration Targets (Mt)**

	Exploration Target (Mt) – 20:1 SR, 300m depth cutoff	Exploration Target (Mt) – 20:1 SR, no depth cutoff
Chinook Vicary	125	450
4-Stack	65	125
	Exploration Target (Mt) – 20:1 SR, 250m depth cutoff	Exploration Target (Mt) – 600m depth cutoff
Isola	275	900
	465	1,475

Mineral Resources have been estimated according to JORC 2012 standards. The potential quantity and grade of the Exploration Target is conceptual in nature and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Targets are conceptual in nature and there has been insufficient exploration carried out to define the relevant Coal Resource and are presented as a range to represent uncertainty in seam thickness, quality and location. The Exploration Target is not reported as part of any Mineral Resource or Ore Reserve.

# **Competent Person Statement**

The information contained in this presentation that relates to JORC resources estimates for the Tent Mountain Mine and Chinook Project (inclusive of Chinook South and Chinook Vicary) are derived from Resource reports completed in February 2020, and fairly represents, information compiled or reviewed by Mr. Bradley Ulry, Mr. Matthew Carter and Mr. John Gorham, who are employees of Dahrouge Geological Consulting Ltd. With respect to the Resource report for the Chinook Project, information was also compiled or reviewed by Mr Nathan Schmidt, who is also an employee of Dahrouge Geological Consulting Ltd. Mr. Bradley Ulry, Mr. Matthew Carter and Mr. John Gorham are registered as Professional Geologists with the Association of Professional Engineers and Geoscientists of Alberta and are Competent Persons as defined in the JORC Code (2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves") having sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking. Mr. Nathan Schmidt is a member of the Engineers and Geoscientists of British Columbia and is a Competent Person as defined in the JORC Code (2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves") having sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking. Mr. Bradley Ulry, Mr. Matthew Carter, Mr. John Gorham and Mr Nathan Schmidt consent to the inclusion in this presentation of the matters based on their information and have reviewed all statements pertaining to this information and consent to this statement and to references in this presentation to them in the form and context in which they appear.

The information contained in this presentation that relates to JORC reserves statements for the Tent Mountain Mine are derived from a Feasibility Study completed in April 2020, and fairly represents, information compiled or reviewed by Mr. Robert McCarthy who is an employee of SRK Consulting (Canada) Inc. Mr. Robert McCarthy is a Professional Engineer registered with the Association of Professional Engineers and Geoscientists of British Columbia and a Competent Person as defined in the JORC Code (2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves") having sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking. Mr. Robert McCarthy consents to the inclusion in this presentation of the matters based on their information and have reviewed all statements pertaining to this information and consent to this statement and to references in this presentation to them in the form and context in which they appear.

The Chinook Project Preliminary Economic Assessment (PEA) is dated November 2019 and was prepared by Mining Plus and Sedgman. The PEA is not JORC compliant and is being used by Montem as the basis for planning. The PEA models potential open-cut mines of Inferred resources (30% of total resources) which need to be upgraded to Measured and Indicated to be considered eligible for a Reserve study. Additional exploration is required to upgrade the resource. The figures quoted in the PEA study have utilised conservative assumptions for mining and processing, based on historical information from the previous mining and processing at these mines. The figures set out in this presentation relating to the PEA are subject to the qualifications set out in the Mining Plus and Sedgman reports and may be subject to change once further work is carried out, including for the purposes of a future Reserve study.