# **CENTURYGL@BAL**



## Joyce Lake DSO Iron Project @ Feasibility (Dec 2022)

Open Pit Simple Quarry Operation (no beneficiation/tailings) at advanced environmental assessment

### Overview

- Canadian Labrador DSO (Fe 62%) project at feasibility study (BFS) undergoing environmental assessment
- ~C\$15/t (~US\$12) low capex intensity
- C\$61.32/dmt (US\$47.2) competitive FOB opex
- Simple open pit guarry style (only crushing and screening) operation with no beneficiation requirement generating no tailings  $\rightarrow$  short construction time (~1.5 yrs) from production decision
- Full rail and port (recently expanded) infrastructure in operation with capacity availability
- Over C\$45M invested to date raising C\$5-10M to complete environmental assessment and permitting
- Experienced management team with successful project development track record

Joyce Lake Feasibility Study <sup>(1)</sup> Summary				
Production ( <i>Mt/year</i> )	2.5 Mtpa			
Reserves (LoM Strip Ratio: ~4:1)	17.37Mt			
Initial Project Capex: (~US\$200M) Capital Intensity - Capex/t: (~US\$12/t)	C\$270.4M ~C\$15/t			
Opex FOB Sept-Îles (~US\$47.2/dmt)	C\$61.32/dmt			
Construction Time	~1.5 yrs			
Life of Mine	7 yrs			

Well-Defined Reserves @ Feasibility <sup>(1)</sup>						
Proven & Probable	Mt	Fe	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Mn	
Above 55% Fe	13.81	61.7%	8.7%	0.55%	0.84%	
52%-55% Fe	3.56	53.4%	20.5%	0.60%	0.62%	
Total reserves	17.37	59.9%	11.3%	0.55%	0.76%	

2022 Feasibility Study <sup>(1)</sup> Financial Metrics					
BFS Iron Ore Price US\$124.95 <sup>(2)</sup>	Pre-tax	Post-tax			
NPV <sub>8%</sub> (C\$/t)	C\$357.2M	C\$184.6			
IRR %	27.72%	20.01%			
Payback	3.2	3.7			
(1) NI 43-101 compliant feasibility study October 2022		utures market contracts for up to 4 ears			

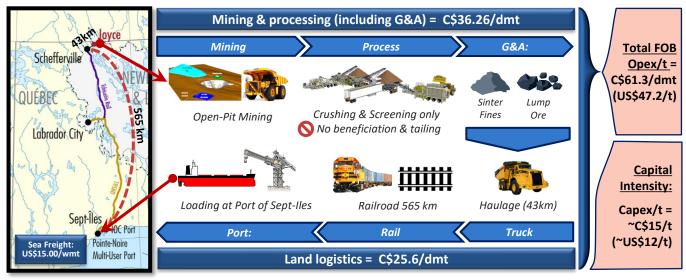
(2) Price assumed at 3-year look-back

price, which is approximately the YTE average October 2022

(4) 2021-year average was ~US\$160/t

### 2.5Mtpa Simple Quarrying Direct Shipping Ore Operation

Direct shipping of crushed & screened high-grade ore (Fe 62%) without beneficiation or tailings



Joyce Direct Iron Inc. (a subsidiary of Century Global Commodities Corp listed on the TSX)

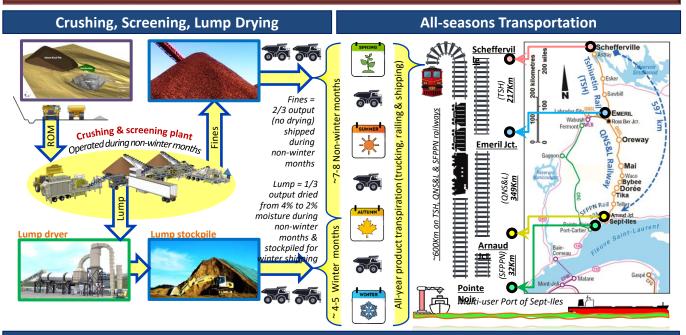
# 



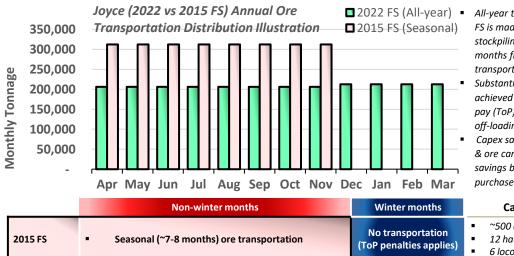
## Joyce Lake DSO Iron Project @ Feasibility (Dec 2022)

Differentiating Advantage of Innovative Technical Design to be a Lower Cost Project

2.5 Mtpa All-year Round Mining & Transportation (Non-winter Crushing/Screening) Innovative Differentiating Operating Plan Achieving Significant Cost Advantage



#### Significant Savings in All-year Round Transportation (vs 2015 FS and other similar operations)



- All-year transportation of ore in 2022 FS is made possible by drying & stockpiling lump during non-winter months from 4 to 2% for winter transportation
- Substantial opex savings (~\$100M)
   achieved by mainly avoiding take-orpay (ToP) penalties and at the rail car off-loading and ocean port facilities
- Capex savings by reducing # of trucks & ore cars with further initial capex savings by leasing vs outright purchase

	Non-winter months Winter months	Сарех	Opex
2015 FS	Seasonal (~7-8 months) ore transportation     No transportation     (ToP penalties apple)	12 haultrucks	<ul> <li>ToP penalty payable</li> </ul>
2022 FS	<ul> <li>Year-round ore transportation avoiding ToP penalty</li> <li>Thus reducing the # of ore cars, locomotives and trucks required</li> </ul>	<ul> <li>~330 ore cars</li> <li>10 haul trucks</li> <li>4 locomotives</li> </ul>	<ul> <li>&lt;\$1/t drying cost</li> <li>No ToP penalty</li> </ul>
2015 - 2022	• Ore car unit cost increased by	~60%	<ul> <li>Big increases</li> </ul>
inflation	Truck cost increased by	~20%	e.g. >30% fuel cost

The project is owned by Century Global Commodities Corporation, a public company listed on the TSX (ticker: CNT). For more information please visit our website at <a href="http://www.centuryglobal.ca">www.centuryglobal.ca</a> or contact <a href="http://www.centuryglobal.ca">IR@centuryglobal.ca</a> or 416-977-3188