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# **Cautionary Statements**

#### **Caution Regarding Forward-Looking Information and Non-GAAP Performance Measures**

All statements, other than statements of historical fact, made and information contained or incorporated by reference in or made in giving this presentation and responses to guestions, is "forward-looking information" within the meaning of applicable Canadian securities legislation. Such forward-looking statements are based on expectations, estimates, forecasts and projections as well as beliefs and assumptions made by management, as of the date of this presentation. Forward-looking statements include but are not limited to the Company's guidance and outlook on estimated annual metal production, cash costs, exploration expenditures, and capital expenditures (or capex); projects including but not limited the Neves-Corvo Zinc Expansion Project (ZEP), the Eagle East project, and the Los Diques tailings facility, Española and other Candelaria capital projects including but not limited to mill optimization and underground expansion; Mineral Resource and Mineral Reserve estimates and mineral inventories; mine and Life of Mine plans (including but not limited to production profile, and mine life and life of mine (or LOM) estimates and plans); mining and production rates; exploration and results of exploration; projects and their expected returns including but not limited to IRR; returns or value to shareholders and other stakeholders; and other future performance and results. Forward-looking statements may be identified by terminology such as, without limitation, "accretive", "advancing", "aim", "anticipate", "assumption", "believe", "budget", "capacity", "compelling", "conceptual", "cycle", "development", "driven", "estimate", "exploration", "expected", "forward", "flexibility", "focus", "forecast", "future", "growth", "guidance", "high-return", "initiative", "intend", "life-of-mine", "LOM", "mine life", "model", "on track", "opportunities", "optimization", "outlook", "phase", "plan", "planned", "position", "possibility", "potential", "priorities", "probable", "profile", "program", "progressing", "project", "promote", "prospective", "ramping up", "returns", "risk", "schedule", "strategy", "target", "trend", "trending", "upgrade", and "upside", similar such words and phrases or statements that certain actions, events or results may, can, could, would, should, might, indicates, or will be taken, and any similar expressions. Forward-looking statements are necessarily based upon a number of estimates, assumptions and expectations that, while considered reasonable by the Company as of the date of such statements, are inherently subject to known and unknown risks, uncertainties and contingencies. Such risks, uncertainties and contingencies could cause assumptions, estimates and expectations to be incorrect and actual results to differ materially from those projected in the forward-looking statement and, as such, there can be no assurance that forwardlooking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. These risks, uncertainties and contingencies include, without limitation, estimates of future production, and operating, cash and all-in sustaining costs, and capital expenditures; metal and commodity price fluctuations; foreign currency fluctuations; risks associated with mining operations including but not limited to environmental hazards, industrial accidents, ground control problems and flooding; geological risks including but not limited to unusual or unexpected geological formations, estimation and modelling of grade, tonnes, metallurgy, continuity of mineral deposits, dilution and Mineral Resource and Mineral Reserve estimates, and actual ore mined and/or metal recoveries varying from such estimates; mine plans including but not limited to mine life or life-of-mine (or LOM) estimates and plans; the possibility that future exploration, development or mining results will not be consistent with expectations; the potential for and effects of labour disputes (including but not limited to at Neves-Corvo), shortages or other unanticipated difficulties with or interruptions in production; potential for unexpected costs and expenses including, without limitation, for mine closure and reclamation at current and historical operations; uncertain political and economic environments; changes in laws or policies, foreign taxation, delays or the inability to obtain and/or maintain necessary governmental approvals and/or permits; regulatory investigations, enforcement, sanctions and/or related or other litigation including but not limited to securities class action litigation; and other risks and uncertainties, including but not limited to those the "Risks and Uncertainties" section of the Company's most recently filed Annual Information Form and in the "Managing Risks" section of the Company's full-year 2017 and 2018 interim Management's Discussion and Analysis. Accordingly, readers are advised not to place undue reliance on forward-looking statements. The Company disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forwardlooking statements, except to the extent required by applicable law.

This presentation contains certain financial measures such as operating earnings, net cash, net debt, operating cash flow per share and cash costs which have no standardized meaning within generally accepted accounting principles under IFRS and therefore amounts presented may not be comparable to similar data presented by other mining companies. This data is intended to provide additional information and should not be considered in isolation or as a substitute for measures or performance prepared in accordance with IFRS.

Note: All dollar amounts are in US dollars unless otherwise denoted.

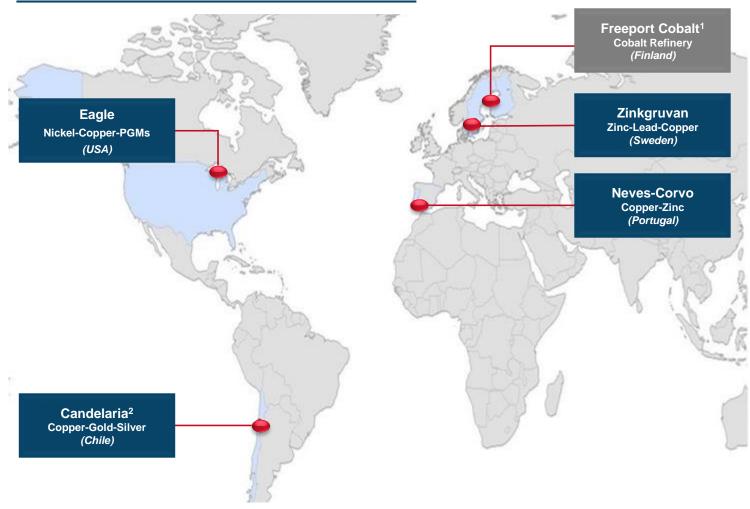
# **Lundin Mining**

### **Our Strategy**

Operate, upgrade and grow a base metal portfolio that provides leading returns for our shareholders throughout the cycle

- copper dominant
- competitive cost position
- low-risk mining jurisdictions,
   leverage current geographies
- pipeline of development and exploration projects
- maintain low leverage and flexible balance sheet

### **Our Operations**



- 1. Lundin Mining holds an indirect 24% equity stake in the Freeport Cobalt Oy business which includes a cobalt refinery located in Kokkola, Finland.
- 2. Lundin Mining holds an 80% interest in Candelaria.

# **Lundin Mining**



High Quality Competitive Mines

- strong margins at all operations
- demonstrated operational excellence and culture of continuous improvement
- low-risk mining jurisdictions



**Meaningful Scale Growth Oriented** 

- exploration upside and high value expansion projects underway
- advancing external acquisition initiatives with disciplined criteria



**Financial Strength** 

- proven track record for rigorous investment approach, focused on value creation
- substantial balance sheet strength and flexibility to respond to opportunities

# **Capital Allocation Priorities**

Invest in low-risk, high-return brownfield expansion projects and exploration

Maintain regular dividend

Prudent and accretive management of debt and cash positions

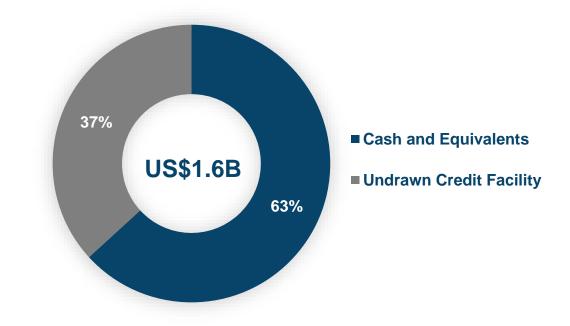
Keep a flexible balance sheet to move quickly on compelling growth opportunities

Consider other returns of capital to shareholders from time-to-time

 announced Board approved intention to make a Normal Course Issuer Bid on TSX

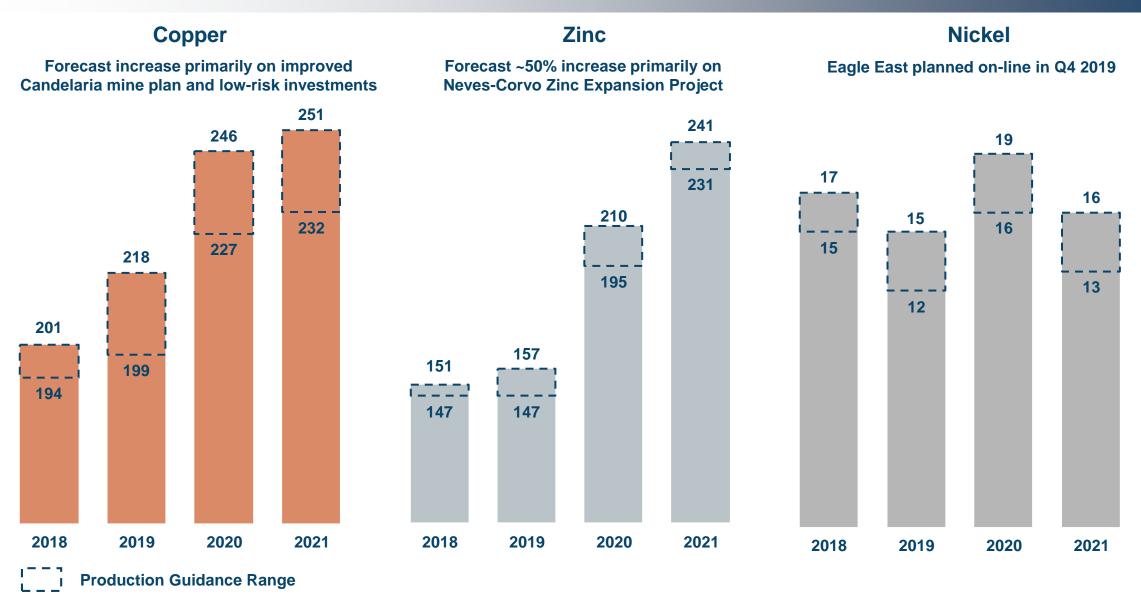
### **Proforma Liquidity Position**<sup>1</sup>

(Post Redemption of Notes Nov. 21, 2018)



Based on Lundin Mining's MD&A and Financial Statements for the quarter ended September 30, 2018 proforma early redemption of \$429M in principal of 7.875% 2022 Senior Secured Notes on November 21, 2018.

## Production Outlook<sup>1</sup> (kt)



<sup>1.</sup> Production guidance is based on certain estimates and assumptions, including but not limited to; Mineral Resource and Mineral Reserve estimates (see slide 32), geological formations, grade and continuity of deposits and metallurgical characteristics. The 2018 guidance was announced by news release on October 24, 2018. The 2019-2021 guidance was announced by news release on November 28, 2018.

### 2019 Production and Cash Cost Guidance

### Production<sup>1</sup> and C1 Cash Cost<sup>2</sup> (t and \$/lb, net of by-products)

Copper	Candelaria (100%)	145,000	_	155,000	\$1.60/lb
	Eagle	12,000	_	15,000	
	Neves-Corvo	40,000	_	45,000	\$1.70/lb
	Zinkgruvan	2,000	_	3,000	
	Total	199,000	_	218,000	
Zinc	Neves-Corvo	71,000	_	76,000	
	Zinkgruvan	76,000	_	81,000	\$0.40/lb
	Total	147,000	_	157,000	
Nickel	Eagle	12,000		15,000	\$2.20/lb
	Total	12,000	_	15,000	

<sup>1.</sup> Production Guidance is based on certain estimates and assumptions, including but not limited to; Mineral Resource and Mineral Reserve estimates (see slide 32), geological formations, grade and continuity of deposits and metallurgical characteristics.

2. C1 cash costs are based on various assumptions and estimates, including, but not limited to; production volumes, as noted above, commodity prices (2019 - Cu: \$2.80/lb, Zn: \$1.10/lb, Pb: \$0.95/lb, Ni: \$6.00/lb, \$1,250/oz gold and \$16/oz silver) foreign currency exchange rates (2019 - €/USD:1.20, USD/SEK:8.00, CLP/USD:620) and operating costs. 68% of Candelaria's total gold and silver production are subject to a streaming agreement and as such C1 cash costs are calculated based on receipt of \$408/oz and \$4.08/oz, respectively, on gold and silver sales in the year. No consideration has been made for the upfront payment received in the calculation of C1 cash costs. All figures in are in US\$ unless otherwise noted. C1 cash cost is a non-GAAP measure. Please see Lundin Mining's MD&A for the quarter ended September 30, 2018 for discussion on non-GAAP measures.

# **2019 Capital Expenditure Guidance**

#### Candelaria

continue investments in low-risk initiatives to deliver improved production profile

#### **Neves-Corvo**

ZEP total capital cost estimated at €320M (\$385M)

### **Eagle**

 Eagle East expected to complete for 10% less than the Feasibility Study preproduction capital estimate



Capital Expenditures <sup>1</sup> (US\$M)						
Capitalized Stripping <sup>2</sup>	130					
Los Diques TSF	10					
New Mine Fleet Investment	75					
Candelaria Mill Optimization Project	50					
Candelaria UG South Development	40					
Other Candelaria Sustaining	70					
Total Candelaria (100% basis)	375					
Eagle Sustaining	15					
Neves-Corvo Sustaining	65					
Zinkgruvan Sustaining	50					
Total Sustaining	505					
Eagle East	30					
ZEP (Neves-Corvo)	210					
Total Expansionary	240					
Total Capital Expenditures	\$745M					

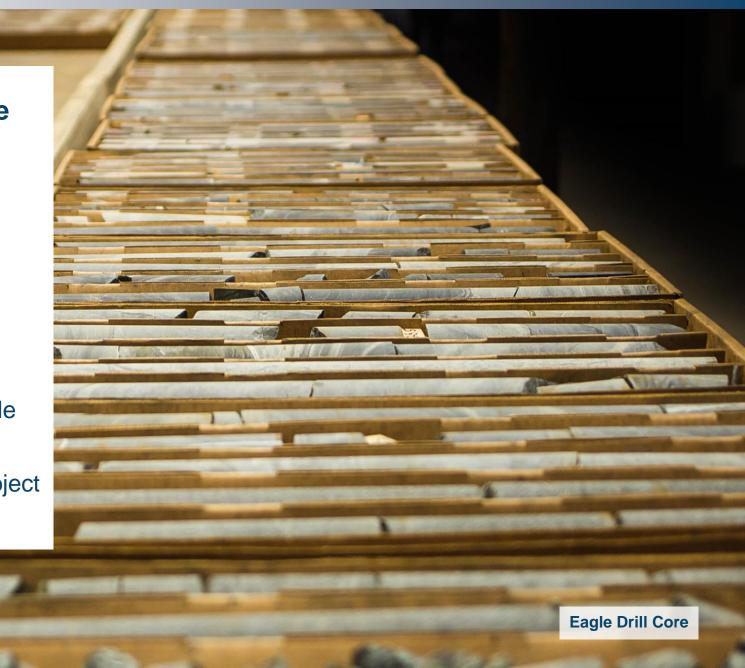
<sup>1.</sup> Excludes capitalized interest. Amounts forecast above are on a cash basis and may vary from accrual based estimates.

<sup>2.</sup> During the production phase, waste stripping costs which provide probable future economic benefits and improved access to the orebody are capitalized to mineral properties. The Company capitalizes waste costs when experienced strip ratios are above the average planned strip ratio for each open pit phase under development.

# 2019 Exploration Expenditure Guidance

# **Aggressive In-Mine and Near-Mine Exploration Programs**

- \$80M to be invested in 2019 in exploration programs
- nearly 206,000 meters of planned drilling
- \$23M at Eagle, \$23M at Zinkgruvan and \$7M at Neves-Corvo
- \$14M at Candelaria reflecting a scale back from successful program
- to commence drilling on Amauta project in South America



# Candelaria



### Candelaria

#### On Track to Achieve 2018 Guidance

- mill throughput and copper head grade modestly exceeded plan in the third quarter
- open pit waste mining rates have increased with delivery of new equipment and ramp-up of contractor; waste movement on track

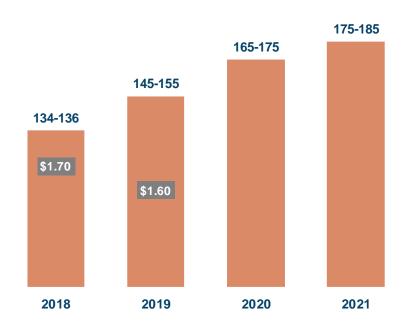
### **Underground Development and Ramp-Up Advancing Well**

- Candelaria North Sector produced ~9,700 tpd on average in third quarter
- South Sector on track for start-up in H2 2019

### Fleet Reinvestment and Mill Optimization Progressing

- 38 pieces of equipment on site in October; delivery of additional
   10 haul trucks, two shovels and other equipment in Q4 2018
- >95% of Mill Optimization Project equipment orders placed and construction >30% complete as at the end of Q3 2018

Copper Production & Cash Cost Outlook (100% basis; kt & \$/lb Cu, net of by-product credits)



# Candelaria Copper Production Profile<sup>1</sup> (kt)



Forecast copper production has increased by 742kt (+31%) over the remaining life-of-mine (2019-2040) from December 2017 Technical Report

Contained copper in the Mineral Reserve estimate<sup>2</sup> has increased by over 103%<sup>3</sup> and the production profile significantly improved since acquisition

<sup>1.</sup> Production shown on 100% basis and is based on the NI 43-101 Technical Reports dated November 28, 2018 and November 30, 2017, copies of which is are available on SEDAR under the Company's profile page. See also slide 32.

<sup>2.</sup> Refer to Press Release "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" dated September 6 2018. See also slide 32.

<sup>3.</sup> Mine depletion included.

# **Neves-Corvo**



### **Neves-Corvo**

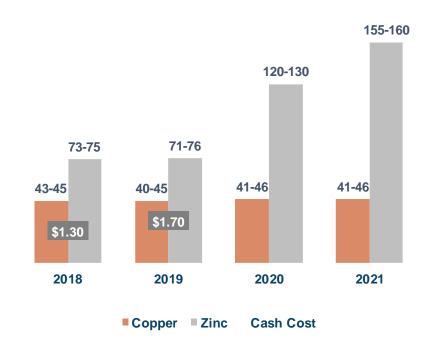
#### **Continued Excellent Mine and Mill Performance**

- improved mine productivity and mill throughput all contributing to significant performance increase
- produced more copper Q1-Q3 2018 than all of 2017

### **Zinc Expansion Project Advancing**

- all major surface and underground activities underway
- surface facilities are expected to commence commissioning in early 2020
- total project capital cost is now estimated at €320M
- through 2018 approximately €112M (\$135M) is forecast to be capitalized for the project

# Copper, Zinc Production & Cash Cost Outlook (kt & \$/lb Cu, net of by-product credits)



## **Neves-Corvo Zinc Expansion Project Update**



# **Eagle**



# **Eagle**

#### **Robust Mine and Mill Performance**

slightly above plan throughput and grade in third quarter

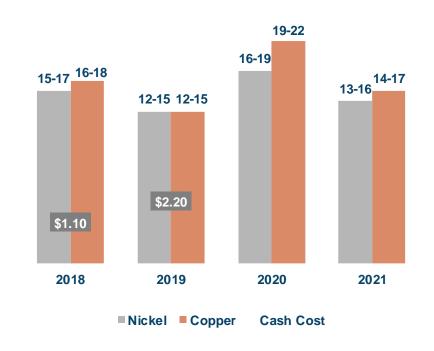
### **Excellent Progress on Eagle East**

- ramp development continues above planned rates
- ahead of schedule and under budget
- first ore from Eagle East is now expected in Q4 2019, ahead of original plan of early 2020, and completed for \$10M less than the Feasibility Study estimate of \$102M

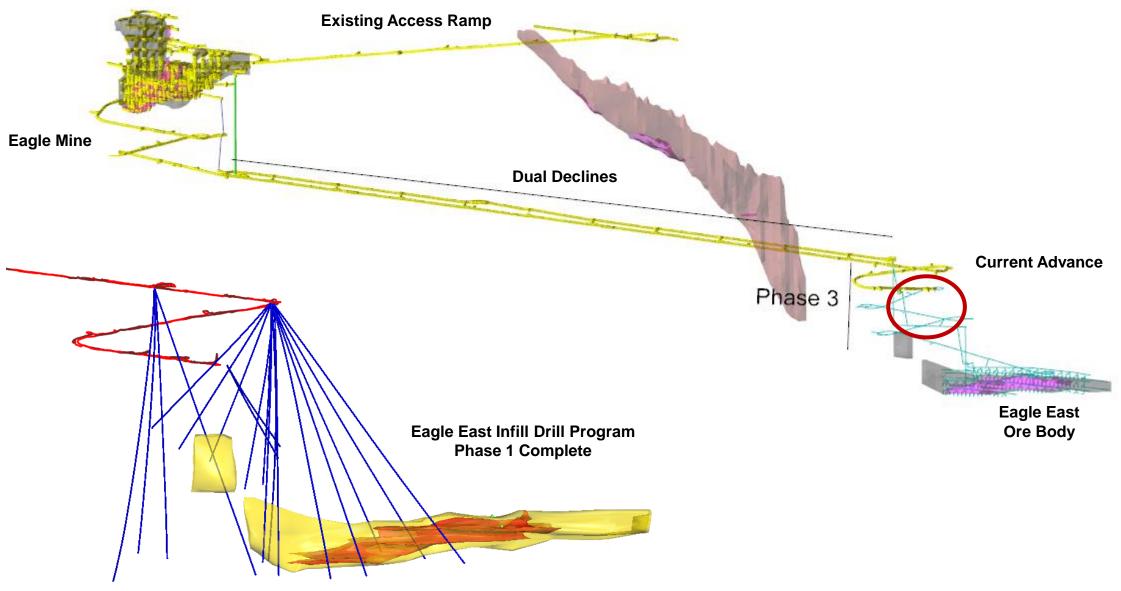
### **Active Exploration Program**

- over 11,200 m drilled from surface in the third quarter testing near-mine targets
- seismic survey completed outside Eagle Mine area to guide future drilling targets
- active program planned for 2019 with \$23M budget

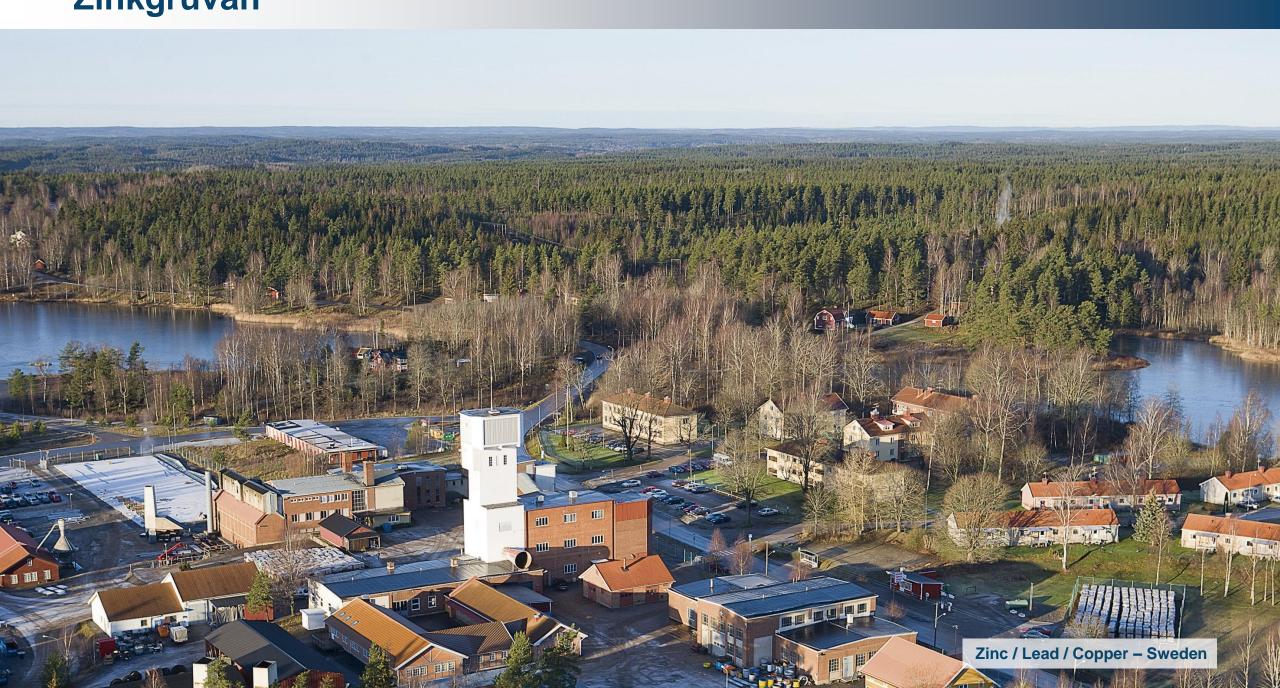
#### Nickel, Copper Production & Cash Cost Outlook (kt & \$/lb Ni, net of by-product credits)



# **Eagle East**



# Zinkgruvan



# Zinkgruvan

### **Focus on Improving Head Grade**

- zinc ore head grade hampered as a result of mine sequencing and greater than planned dilution in Q1-Q3 2018
- site teams focusing on head grade improvements; grades returned to forecast in September

### **Active Exploration Program**

- over 8,800 meters drilled from surface and underground in third quarter 2018
- initial 5.9 Mt 8.7% zinc and 4.7% lead Inferred Mineral Resource announced for Dalby
- active program planned for 2019 with \$23M budget
- highest exploration priority to expand and upgrade the Mineral Resource estimate of the Dalby mineralization<sup>1</sup>

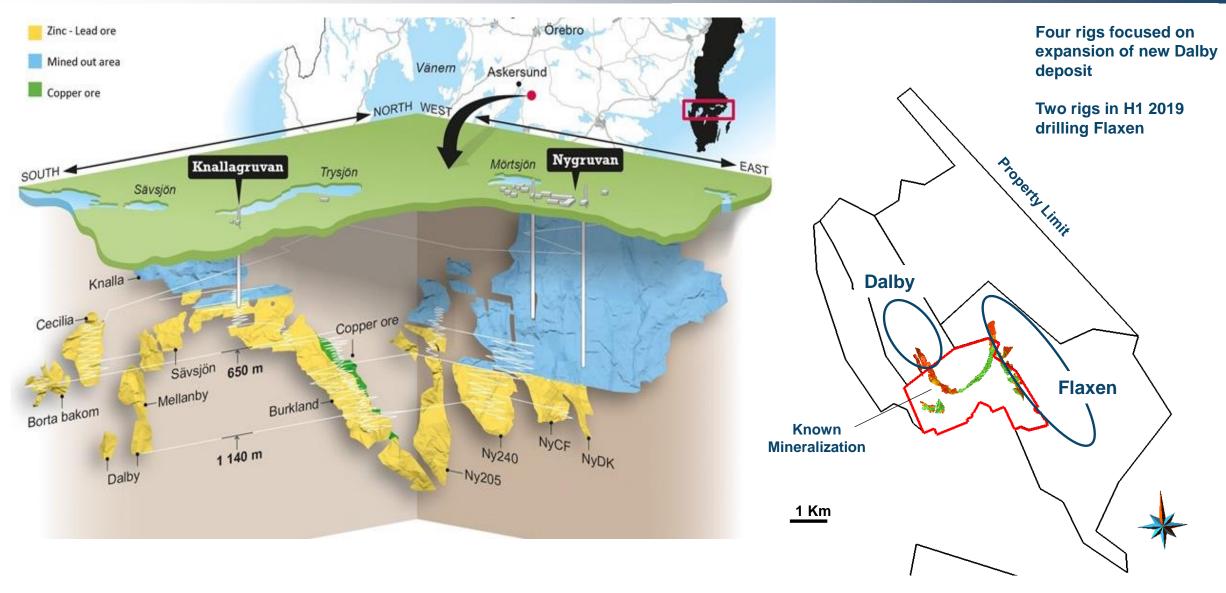
### **Zinc Production & Cash Cost Outlook**

(kt & \$/lb Zn, net of by-product credits)



<sup>1.</sup> Refer to news release "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" dated September 6, 2018. See also slide 32.

# Zinkgruvan – New Dalby Mineral Resource<sup>1</sup>



<sup>1.</sup> For more information please refer to the Company's new release dated September 6, 2018 entitled "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" on the Company's website (<a href="www.lundinmining.com">www.lundinmining.com</a>). See also slide 32.

# **Lundin Mining**



High Quality Competitive Mines

- strong margins at all operations
- demonstrated operational excellence and culture of continuous improvement
- low-risk mining jurisdictions



**Meaningful Scale Growth Oriented** 

- exploration upside and high value expansion projects underway
- advancing external acquisition initiatives with disciplined criteria



**Financial Strength** 

- proven track record for rigorous investment approach, focused on value creation
- substantial balance sheet strength and flexibility to respond to opportunities

# lundin mining

# Appendices

### **Production Outlook<sup>1</sup>**

		2018	2019	2020	2021
Copper	Candelaria (100% basis)	133,750 – 136,250	145,000 – 155,000	165,000 – 175,000	175,000 – 185,000
	Eagle	16,000 – 18,000	12,000 - 15,000	19,000 – 22,000	14,000 – 17,000
	Neves-Corvo	43,000 - 45,000	40,000 - 45,000	41,000 – 46,000	41,000 – 46,000
	Zinkgruvan	1,000 – 2,000	2,000 - 3,000	2,000 – 3,000	2,000 – 3,000
	Total	193,750 - 201,250	199,000 - 218,000	227,000 – 246,000	232,000 - 251,000
Zinc	Neves-Corvo	73,000 – 75,000	71,000 – 76,000	120,000 – 130,000	155,000 – 160,000
	Zinkgruvan	74,000 – 76,000	76,000 – 81,000	75,000 – 80,000	76,000 – 81,000
	Total	147,000 - 151,000	147,000 - 157,000	195,000 – 210,000	231,000 - 241,000
Nickel	Eagle	15,000 – 17,000	12,000 – 15,000	16,000 – 19,000	13,000 – 16,000
	Total	15,000 – 17,000	12,000 - 15,000	16,000 – 19,000	13,000 – 16,000

<sup>1.</sup> Production guidance is based on certain estimates and assumptions, including but not limited to; Mineral Resource and Mineral Reserve estimates (see also slide 32), geological formations, grade and continuity of deposits and metallurgical characteristics. Production guidance for 2018 was revised in our news release on October 24, 2018. Production guidance for 2019 through 2021 was announced by news release on November 28, 2018. Both new releases are available on our website at <a href="https://www.lundinmining.com">www.lundinmining.com</a>.

### Mine Fleet Reinvestment

# Significantly Increased Production Profile and Extended Mine Life on Exploration Success

- 20-year LOM when the open pit began production in 1994; most open pit equipment dates back to when operation opened
- Mineral Reserve estimates now support mine life to 2040

### **New Equipment to Increase Haulage Capacity and Efficiency**

- 38 new latest generation Cat 793F trucks which are faster, have larger capacity and lower operating costs
- change to hydraulic shovels in backhoe configuration

### **High-Return Investment**

- in excess of 20% IRR expected
- \$220M total investment with \$75M to be spent in 2019.
   Remaining \$25M to be incurred over 2020 through 2022





# **Candelaria Mill Optimization Project**



# Low-Risk Investments to Increase Metal Production, Reduce Costs and Improve Safety

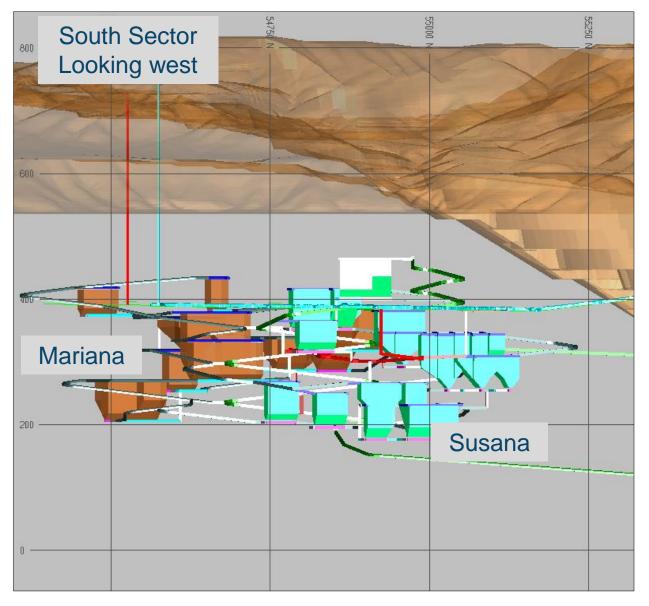
- primary crusher motor upgrade
- ball mill re-powering; pebble circuit upgrade;
   cyclone and feed pump upgrades
- flotation circuit upgrades
- front-end desalination plant and pipeline improvements

# Throughput Capacity Forecast to Increase ~4ktpd and Copper Recovery by ~1.7%

### **High-Return Initiatives**

- in excess of 20% IRR expected
- \$80M total investment; \$50M planned in 2019
- on track for completion end of 2019

# **Candelaria Underground Mine Expansions**



# Significant Underground Exploration Success Under Lundin Mining Ownership

- Candelaria North and South Sectors underground Mineral Reserve estimate now 101Mt at 0.85% copper
- South Sector remains significantly under-drilled

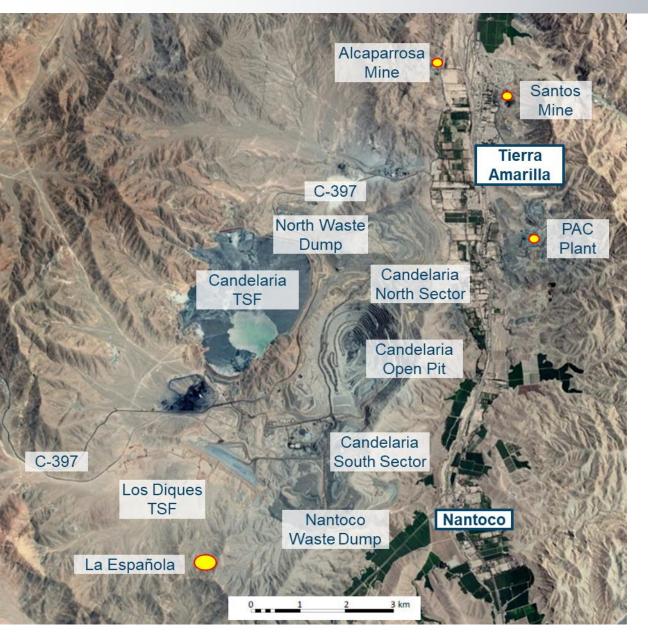
### **Increasing Underground Production Rates**

- permitted to expand Candelaria underground from 6ktpd to 14ktpd
- expansion of North sector to 10,000 tpd underway

### **Advancing Development of South Sector**

 production expected from new sector in 2019 and to reach 4,000 tpd in 2021

## Candelaria Complex – Mineral Resources and Mineral Reserves<sup>1</sup>



Ownership 80%
Location Region III, Chile
Mine life +20 years
2018 exploration budget ~\$34M

P&P Copper Mineral Reserves 3,413 kt contained (633,978 kt at 0.5%)
M&I Copper Mineral Resources 6,146 kt contained (952,474 kt at 0.6%)
Inferred Copper Mineral Resources 325 kt contained (52,719 kt at 0.6%)

P&P Gold Mineral Reserves 2.6 Moz contained (633,978 kt at 0.1 g/t)
M&I Gold Mineral Resources 4.6 Moz contained (952,474 kt at 0.1 g/t)
Inferred Gold Mineral Resources 0.2 Moz contained (52,719 kt at 0.1 g/t)

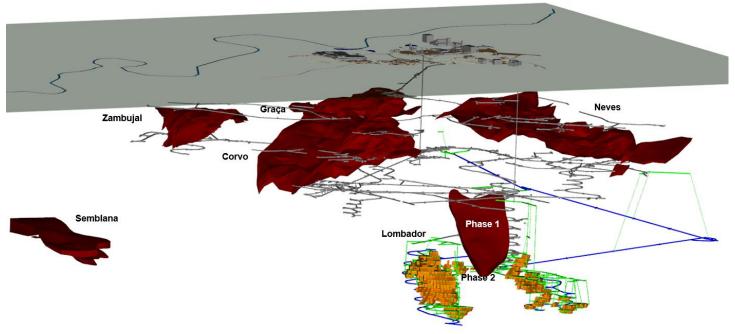
P&P Silver Mineral Reserves 36 Moz contained (633,978 kt at 2 g/t)
M&I Silver Mineral Resources 61 Moz contained (952,474 kt at 2 g/t)
Inferred Silver Mineral Resources 1.8 Moz contained (52,719 kt at 1 g/t)

For more information please refer to the Company's Technical Report for the Candelaria Copper Mining Complex, November 28, 2018 and the Company's new release dated September 6, 2018 entitled "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" on the Company's website (<a href="www.lundinmining.com">www.lundinmining.com</a>). See also slide 32.

## Eagle Mine and Eagle East – Mineral Resources and Mineral Reserves<sup>1</sup>



### Neves-Corvo – Mineral Resources and Mineral Reserves<sup>1</sup>



Ownership
Location
Mine life
2018 exploration budget

P&P Zinc Mineral Reserves
M&I Zinc Mineral Resources
Inferred Zinc Mineral Resources

P&P Copper Mineral Reserves
M&I Copper Mineral Resources
Inferred Copper Mineral Resources

Inferred Semblana Copper Mineral Resources

100%

Alentejo region, Portugal

+10 years

~\$5M

2,331 kt contained (30,384 kt at 7.7%) 6,203 kt contained (103,516 kt at 6.0%) 606 kt contained (14,083 kt at 4.3%)

685 kt contained (30,349 kt at 2.3%) 1,483 kt contained (61,977 kt at 2.4%) 199 kt contained (10,463 kt at 1.9%)

223 kt contained (7,807 kt at 2.9%)

<sup>1.</sup> For more information refer to the NI 43-101 Technical Report for the Neves-Corvo Mine, Portugal dated June 23, 2017 and the Company's new release dated September 6, 2018 entitled "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" on the Company's website (<a href="www.lundinmining.com">www.lundinmining.com</a>). See also slide 32.

## Zinkgruvan – Mineral Resources and Mineral Reserves<sup>1</sup>



# NI 43-101 Compliance

Unless otherwise indicated, Lundin Mining Corporation (the "Company") has prepared the technical information in this presentation including Mineral Reserve and Mineral Resource estimates ("Technical Information") based on information contained in the technical reports and news releases (collectively the "Disclosure Documents") available under the Company's profile on SEDAR at www.sedar.com. Each Disclosure Document was prepared by or under the supervision of a qualified person ("Qualified Person") as defined in National Instrument 43-101 – Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators ("NI 43-101"). For readers to fully understand the information in this presentation, they should read the technical reports identified below in their entirety, including all qualifications, assumptions and exclusions that relate to the information set out in this presentation which qualifies the Technical Information. Readers are advised that Mineral Resource estimates that are not Mineral Reserves do not have demonstrated economic viability. The Disclosure Documents are each intended to be read as a whole, and sections should not be read or relied upon out of context. The Technical Information is subject to the assumptions and qualifications contained in the Disclosure Documents.

The Technical Information in this presentation has been prepared in accordance NI 43-101 and has been reviewed and approved by Stephen Gatley, BSc (Eng), C.Eng. Vice President - Technical Services of the Company, a "Qualified Person" under NI 43-101. Mr. Gatley has verified the data disclosed in this presentation and no limitations were imposed on his verification process.

Mineral Reserve and Mineral Resource estimates are shown on a 100 percent basis for each mine. The Measured and Indicated Mineral Resource estimates are inclusive of those Mineral Resources estimates modified to produce the Mineral Reserve estimates. All estimates are prepared as at June 30, 2018. Estimates for all majority owned operations are prepared by or under the supervision of a Qualified Person as defined in NI 43-101, or have been audited by independent Qualified Persons on behalf of the Company. Unless indicated otherwise in the "Notes on Mineral Resource and Reserve Table" in the Company's news release on September 6, 2018, Mineral Reserve estimates have been calculated using metal prices of US\$2.75/lb copper, US\$1.00/lb zinc, US\$1.00/lb lead, US\$8.00/lb nickel, US1,000/oz gold and exchange rates of EUR/US\$ 1.25, US\$/SEK 7.00 and Chilean Peso/US\$ 550.

Refer to the new release dated September 6, 2018 entitled "Lundin Mining Announces 2018 Mineral Resource and Mineral Reserve Estimates" on the Company's website (<a href="https://www.lundinmining.com">www.lundinmining.com</a>).

For further Technical Information on the Company's material properties, refer to the following technical reports, each of which is available on the Company's SEDAR profile at <a href="https://www.sedar.com">www.sedar.com</a>:

Candelaria: technical report entitled Technical Report for the Candelaria Copper Mining Complex, Atacama Region, Region III, Chile dated November 28, 2018. Candelaria: technical report entitled Technical Report for the Candelaria Copper Mining Complex, Atacama Region, Region III, Chile dated November 30, 2017. Neves-Corvo: technical report entitled NI 43-101 Technical Report for the Neves-Corvo Mine, Portugal dated June 23, 2017.

Zinkgruvan: technical report entitled NI 43-101 Technical Report for the Zinkgruvan Mine, Central Sweden dated November 30, 2017.

Eagle Mine: technical report entitled Technical Report on the Eagle Mine, Michigan, U.S.A. dated April 26, 2017.



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