

# 

An emerging giant copper-gold-silver district in Argentina/Chile



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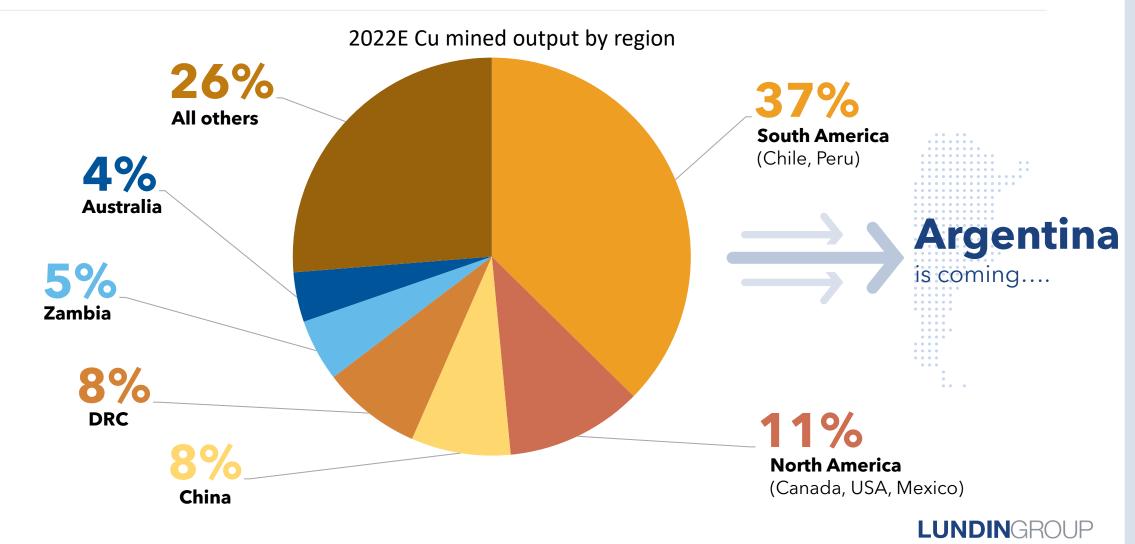


# A great time to be in the copper business ....and the energy transition is just beginning



3 Source: trandingeconomics.com

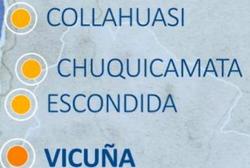
## The central Andes produce 37% of global copper



# ARGENTINA & CHILE GIANT DEPOSITS AND BIG RETURNS

#### Now there is a new cluster

SOUTHERN PERU



ANDINAEL TENIENTE

40% of the world's copper comes from the central Andes. Most of it from several giant deposit clusters.



### Video Lundin in Argentina

### The Lundin Group Three generations in Argentina



# Background

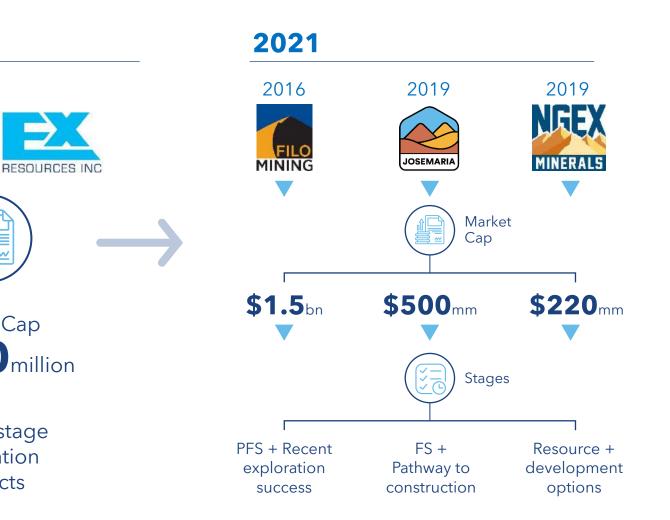
Market Cap

~\$40million

3 early stage

Exploration

Projects



#### Giant in size, rare by nature

 Vicuña is an emerging giant copper-gold-silver district controlled by Lundin Group junior companies.

# Long runway of value creation

 A portfolio of major Cu-Au-Ag projects from exploration to mine development stage.

#### Lundin Group advantage

 A track record of discovery, development and mining to realize the full value of an entirely new giant copper-goldsilver district.

LUNDINGROUP

2009

# Vicuna flyover video





# When you find something big, think bigger.

### **Giant metal districts:**

- The Holy Grail of the mining business
- Geological "freaks of nature"
- Hard to find, easy to overlook

#### CURRENT INDUSTRY GIANTS



#### **Escondida, Chile** 31 years of Cu production; 55+ years of reserves



**Chuquicamata, Chile** >100 years of Cu production; 35+ years of reserves

**Red Dog, Alaska** 32 years of Zn-Pb production; 20+ years of reserves



**Grasberg, Indonesia** 48 years of Au-Cu production; 20+ years of reserves

### Giant metal districts are unique & complex but most share 3 simple giant characteristics:



Typically outsized for their deposit class



They commonly offer a regional cluster of giant ore deposits

3 Ore Structures

Big, long-life faults



# Giant by definition.

"Giant" is not a superlative or promotional description. Size of districts are formally classified and quantified by industry academia.



A.H.Clark, Society of Economic Geologists (SEG), Special Publication No. 2, 1993.

#### SIZE CLASSIFICATIONS Based on contained copper metal





### The giant formula technical excellence leveraging entrepreneurial spirit.

- Lundin Group has a 30-year history of success in South America: Alumbrera, Veladero, Candelaria, Fruta del Norte
- 1999: first field season exploring a gap
- Why was there a gap?: geological dogma
- Long term commitment to regional exploration
- Success due to strong local team and entrepreneurial leadership



Giant districts are not built on one discovery but **many** 

- Giant metal districts contain multiple giant metal deposits. We have three
- Vicuña is an emerging giant copper-gold-silver district controlled by Lundin Group companies



# Industry analogs

Scale
 Clusters
 Structures

# Giant metal deposits are commonly district scale

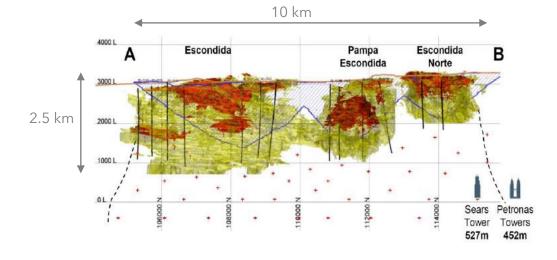
#### Escondida

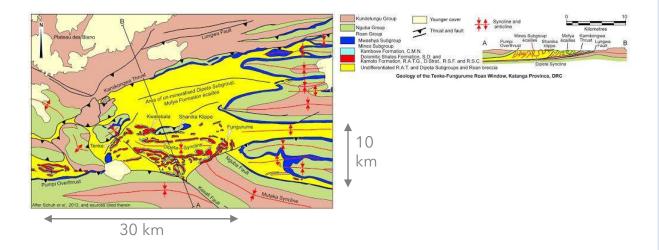
#### Chile

- A district-scale cluster of porphyry deposits hosting ~150 Mt Cu. The world's largest copper mine
- World's largest copper mine; 2020 production of 1,185 kt Cu; LoM of 58 years (2018)

#### **Tenke Fungurume** DRC

- 24.7 Mt Cu as Total Resources (2020)
- 120 known, mineralized tectonic mega-blocks; 30 with delineated Mineral Resources







Scale

# Giant metal deposits typically occur in clusters

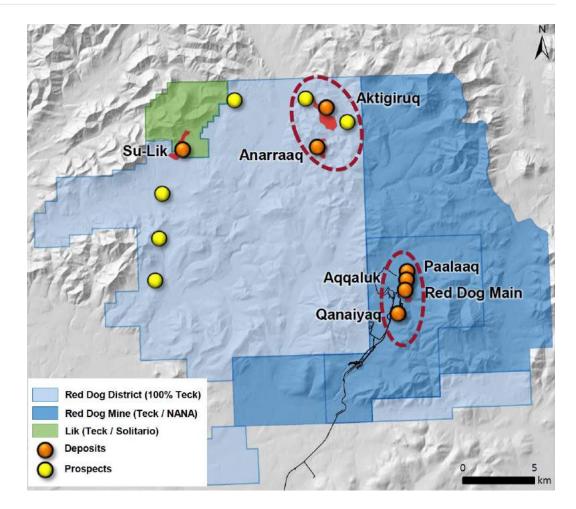
# **2** Clusters

#### Red Dog

Alaska

- One of the World's greatest zinc repositories
- Two major ore clusters
- Numerous other regional deposits and prospects
- Robust, formational "basin-wide" Zn-Pb mineralizing event

Independent of the metal the same geological principles apply



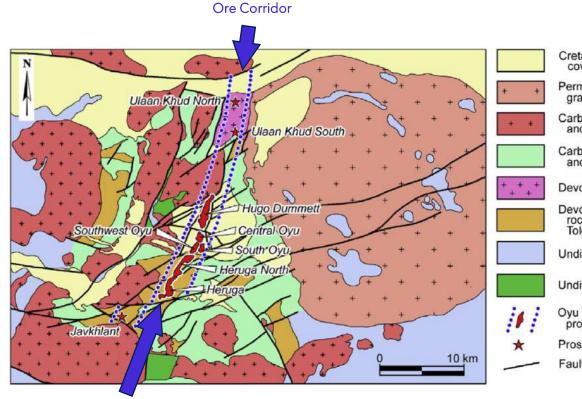


# Big structures – ore corridors control the giant deposits

# **3** Structures

#### **Oyu Tolgoi** Mongolia

- 20 km long mineralized • corridor with 13 km of mineral resources
- Similar to the distance ٠ between Los Helados and Filo del Sol



Cretaceous clays and Cainozoic superficial cover

Permian Khanbogd Mountain peralkaline granite complex (287±2 Ma)

Carboniferous Javkhlant Mountain Batholith and North Granite (324±3 Ma)

Carboniferous layered pyroclastic, intrusive and sedimentary rocks

Devonian felsic intrusions (~370 Ma)

Devonian basaltic volcanic and volcaniclastic rocks and pelites of the Heruga and Oyu Tolgoi sequences

Undifferentiated Palaeozoic rocks

Undifferentiated mafic intrusions

Oyu Tolgoi mineralised corridor and surface projection of ore deposit

Prospect

Fault (at pre-Cretaceous bedrock)

**Ore Corridor** 



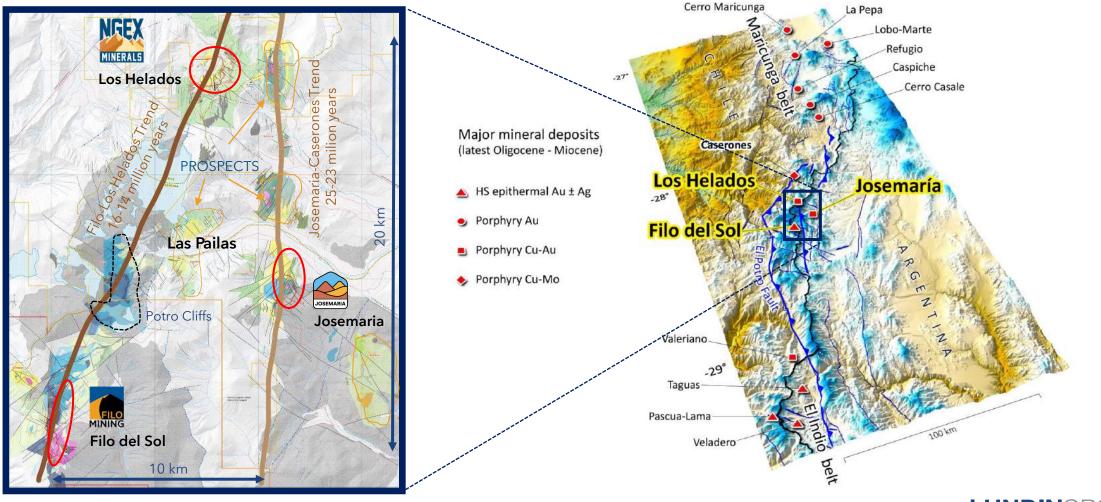
# Vicuña: a giant district in the making

Scale
Clusters
Structures





# Vicuña: a giant district in the making





### Los Helados copper-gold-silver deposit

Clusters Structures

#### A giant copper-gold-silver deposit on the cusp of becoming a super giant.

#### **Indicated Resource**

17.6 billion lbs Cu (8.0 Mt Cu)10.1 million oz Au92.5 million oz Ag

#### **Inferred Resource**

5.8 billion lbs Cu (2.6 Mt Cu)2.7 million oz Au35.1 million oz Ag





#### Still growing..

#### Indicated Resource

3.1 billion lbs Cu (1.4 Mt Cu)4.4 million oz Au147 million oz Ag

#### **Inferred Resource**

1.1 billion lbs Cu (.48 Mt Cu)
 1.8 million oz Au
 34.8 million oz Ag

#### **2021 drill intercepts:**

858m@1.80% CuEq; 0.86% Cu; 0.70 g/t Au; 48 g/t Ag 1081m@0.88% CuEq; 0.52% Cu, 0.43 g/t Au, 5.3 g/t Ag 1378m@0.71% CuEq; 0.45% Cu, 0.29 g/t Au, 6.1 g/t Ag



Scale Clusters Structures

#### SEG SIZE CLASSIFICATIONS

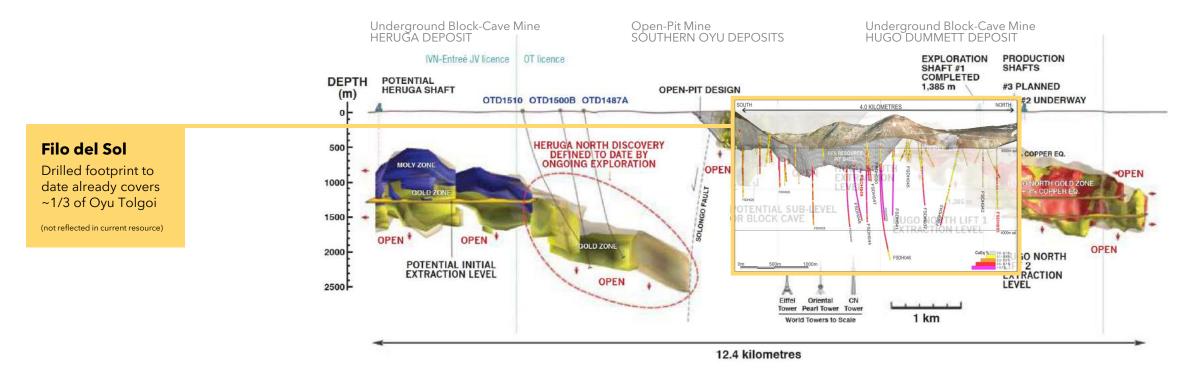
Super Giant >10,000,000 -31,162,000 t Cu Giant >3,162,000 -10,000,000 t Cu



Scale
Clusters
Structures

#### Giant deposits are freaks of nature

#### **Oyu Tolgoi Comparison with Filo del Sol**





### Filo del Sol FIIO del Sol copper-gold-silver deposit





Hole-ID	From (m)	To (m)	Length (m)	Cu %	Au g/t	Ag g/t	CuEq % <sup>1</sup>
FSDH041	188.0	1,046.	858.0	0.86	0.70	48.1	1.80
incl	376.0	1,046.	670.0	1.07	0.85	60.9	2.23
incl	780.3	943.3	163.0	2.31	2.07	183.0	5.43
and incl	780.3	864.0	83.7	3.13	2.40	272.2	7.27

<sup>1</sup> Copper Equivalent (CuEq) is calculated based on US\$ 3.00/lb Cu, US\$ 1,500/oz Au and US\$ 18/oz Aq. The formula is: CuEq % = Cu % + (0.7292 \* Au g/t) + (0.0088 \* Ag g/t).



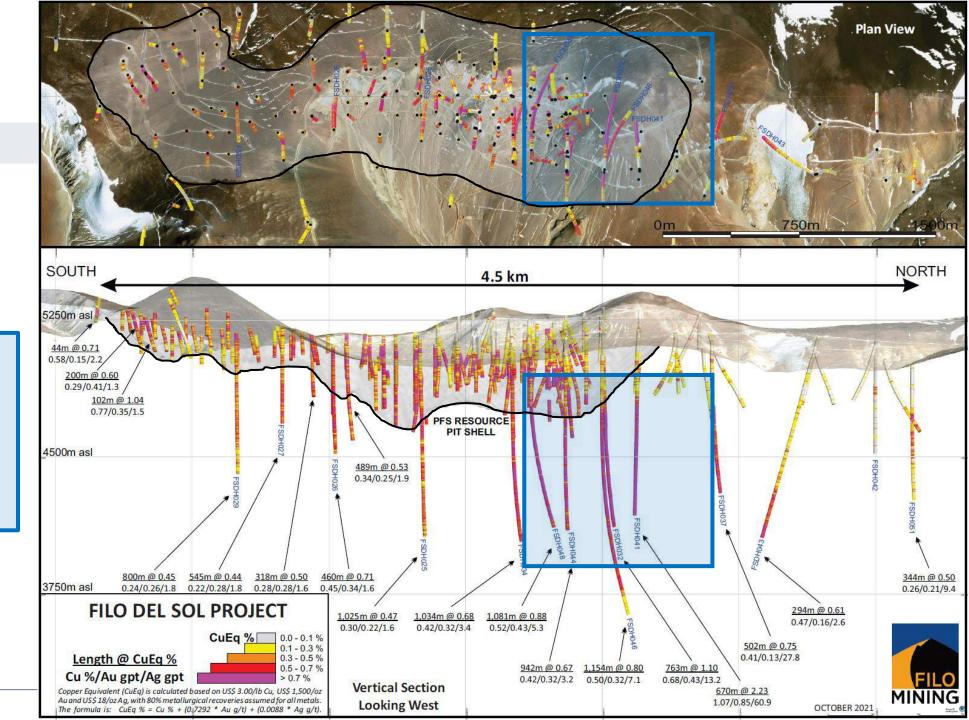
4.1% Cu, 4.4 g/t Au, 472 g/t Ag = **11.5% CuEq**<sup>1</sup>



# Filo del Sol

#### Size and grade

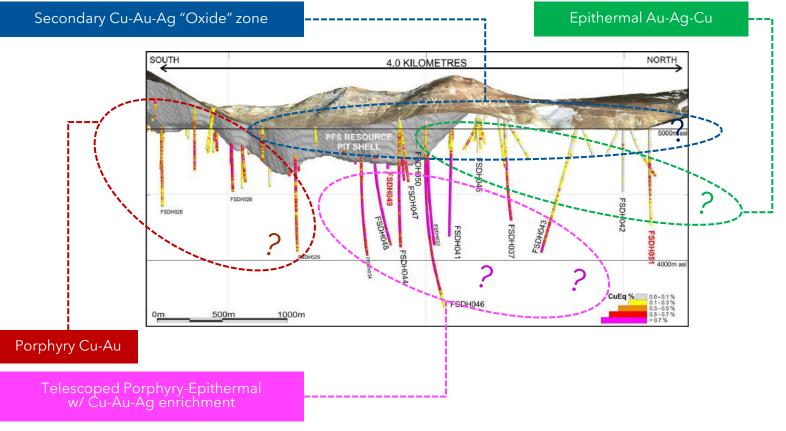
All of Los Helados would fit inside the blue box







- Clustering of different types of mineralization styles all in one deposit
- Repeated, overlapping episodes of mineralization
- Rare, large scale copper mineral upgrading process
- A dumping ground for copper, gold & silver

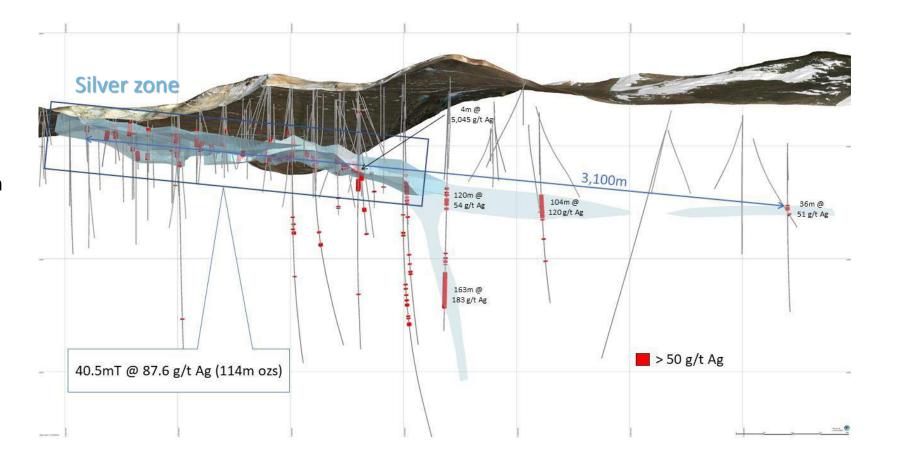








- Clustering of different types of mineralization styles all in one deposit
- Repeated, overlapping episodes of mineralization
- A major silver deposit "hidden" within a coppergold deposit
- A dumping ground for copper, gold & silver

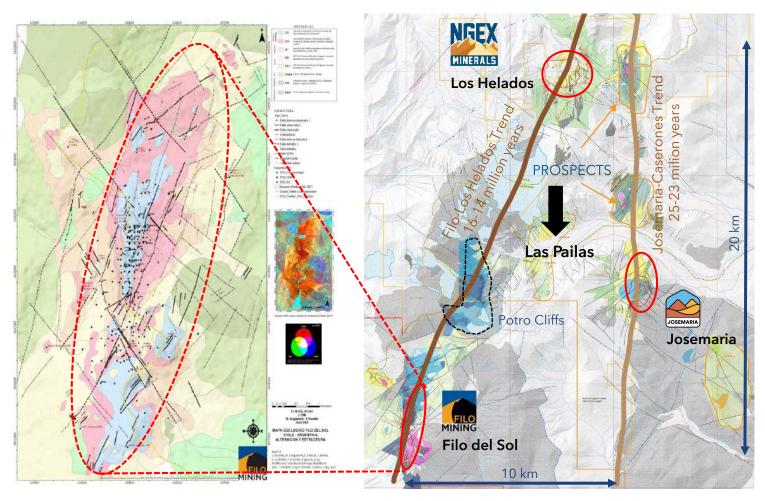






Scale
 Clusters
 Structures

Big, long life faults control location of deposits



# Las Pailas Porphyry Cu-Au-Ag Prospect





### Josemaría copper-gold-silver deposit

#### District's centre of gravity. Commercial production expected for early 2026.

#### Measured + indicated resources

7.4 billion lb copper (3.3M t Cu)7.8 million oz gold33.5 million oz silver

- Superior mine development site, low strip, good water supply
- Significant near-term copper production with high-grade front-end



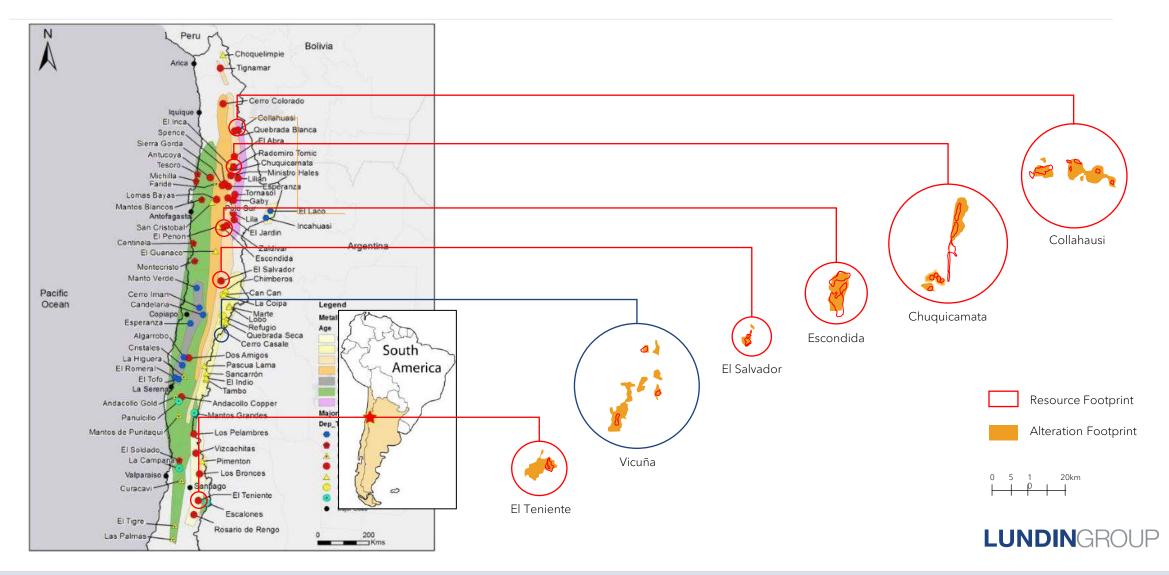
Clusters

**Structures** 

# lf it **walks** like a giant, and **talks** like a giant...

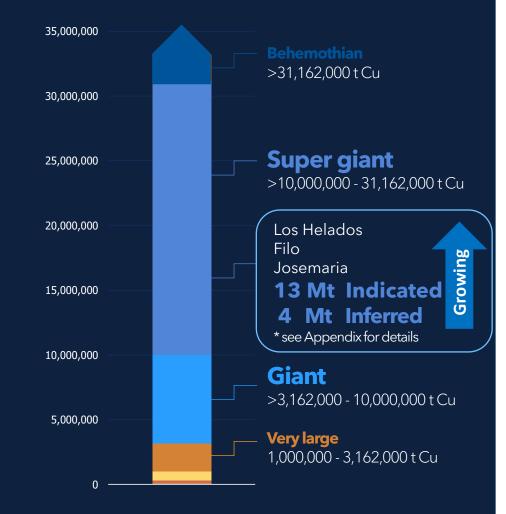


### Vicuña takes its place in the land of copper giants



# Super giant by definition.

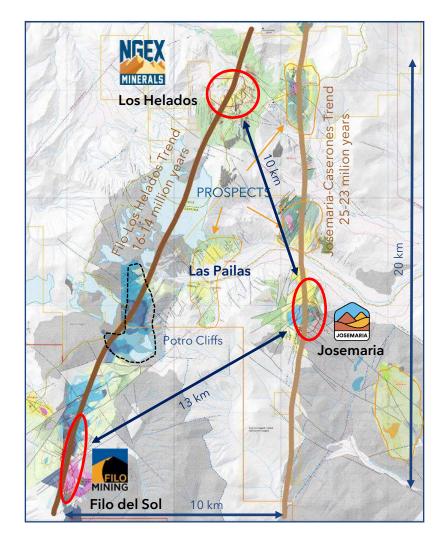
#### SIZE CLASSIFICATIONS Based on contained copper metal





### Vicuña: a giant opportunity Held by Junior Companies





#### Giant in size, rare by nature

 Vicuña is an emerging giant copper-gold-silver district controlled by Lundin Group junior companies.

#### Long runway of value creation

- A portfolio of world-class Cu-Au-Ag projects from PFS to mine development stage, plus several prospect to resource stage exploration projects, all within
  - ~150 sq km area.

#### Lundin Group advantage

 A discovery track record and project development abilities to realize the full potential of developing of an entirely new Cu-Au-Ag district.



### 30 years of success- and the best is yet to come









# Thank you. A giant journey









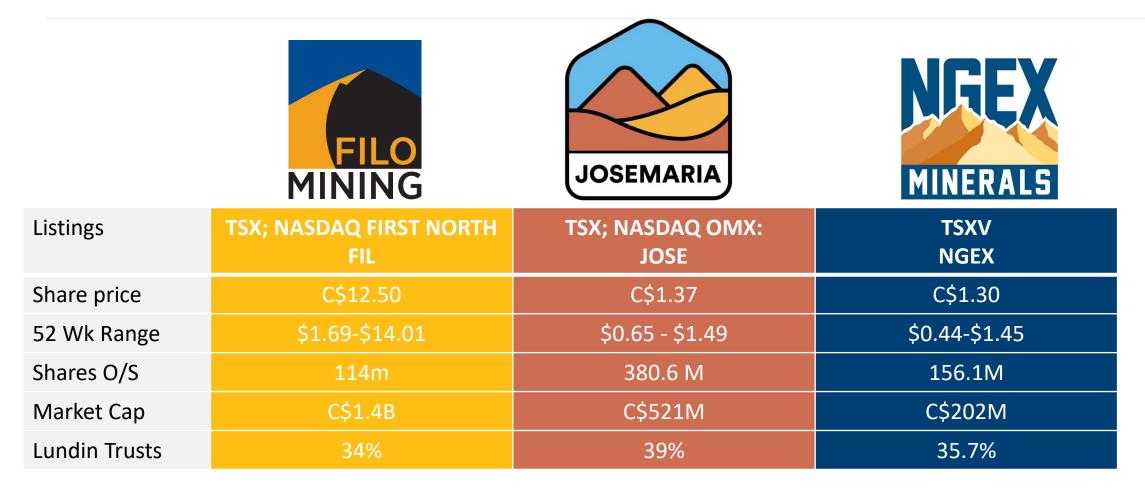


# APPENDIX

# CORPORATE SUMMARIES

Details on Filo Mining; Josemaria Resources; NGEX Minerals

# Summary Stock Information





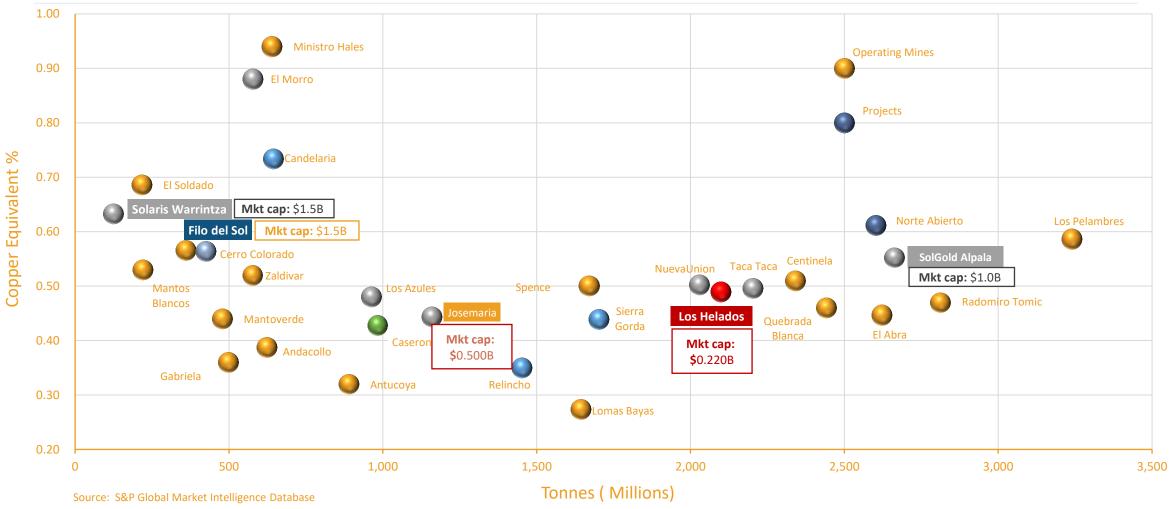
# Current Activity and Catalysts

	FILO MINING	JOSEMARIA	NGEX MINERALS
Key Activities	Drilling to follow up on hole 41 858m at 1.80% CuEq 0.86% Cu; 0.70g/t Au; 48.1g/t Ag 163m at 5.43% CuEq 2.31% Cu; 2.07g/t Au; 183.0g/t Ag	Fiscal Stability Talks Environmental Permitting Infill drill program Exploration drilling at Las Pailas	Drill Programs: Los Helados finalizing plans Valle Ancho starting December
Upcoming Catalysts	Drill results starting in Q1 2022	Fiscal Stability Permits Drill Results starting in Q1 2022	Drill results starting Q1 2022



# **Resources and Valuations**

#### COMPARISON TO SOUTH AMERICAN PEERS



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# Vicuna District Resources

os Helados (0.33% CuEq Cutoff)											
	Tonnes millions	Cu %	Au g/t	Ag g/t	CuEq %	Cu (million tonnes)	Au (million ozs)	Ag (million ozs)			
Indicated	2,099	0.38	0.15	1.4	0.48	8.0	10.1	92.5			
Inferred	827	0.32	0.10	1.3	0.39	2.6	2.7	35.1			
Josemaria Sulp	osemaria Sulphide (0.10% CuEq Cutoff)										
	Tonnes millions	Cu %	Au g/t	Ag g/t	CuEq %	Cu (million tonnes)	Au (million ozs)	Ag (million ozs)			
Measured	197	0.43	0.34	1.3	0.63	0.8	2.2	8.5			
Indicated	962	0.26	0.18	0.9	0.36	2.5	5.6	26.6			
M+I	1,159	0.29	0.21	0.9	0.41	3.3	7.8	33.5			
Inferred	704	0.19	0.10	0.8	0.25	1.3	2.3	18.6			
Filo del Sol Tot	al (0.30% (	CuEq Cuto	off)			-					
	Tonnes millions	Cu %	Au g/t	Ag g/t	CuEq %	Cu (million tonnes)	Au (million ozs)	Ag (million ozs)			
Indicated	425	0.33	0.32	10.7		1.4	4.4	146.2			
Inferred	175	0.27	0.33	6.2		0.5	1.9	34.9			

#### **Technical Reports**

For details on data verification, sample, analytical and testing results and further details regarding methods used to estimate mineral reserves refer to the respective Technical Report available under each Company's profile on SEDAR:

Los Helados Project, refer to the technical report on the Los Helados Porphyry Copper-Gold Deposit Chile" dated August 6, 2019 (effective date April 26, 2019)

Josemaria Project refer to NI 43-101 Technical Report, Feasibility Study for the Josemaria Copper-Gold Project, San Juan Province, Argentina with an effective date of 28 September 2020 and an issue Date of 5 November 2020

Filo del Sol Project NI 43-101 Technical Report, Pre-feasibility Study for the Filo del Sol Project with an effective date of 13 January, 2019 and an issue date of 22 February 2019





**LUNDIN**GROUP

### FILO MINING CORP.

COMPANY PROFILE									
South American Advanced Exploration Company		<b>Project – Filo del Sol</b> Current Indicated Reso	· · · · · · · · · · · · · · · · · · ·						
		<ul> <li>» 4.4 Million oz Gold</li> <li>» 147 Million oz Silver</li> <li>» 3.1 Billion lbs Copper</li> </ul>							
CAPITAL S	TRUCTURE								
FIL	TSX, Nasdaq F	First North Growth Market							
FLMMF	ΟΤϹQΧ								
\$11.75	Share Price (CAD)								
114 M	Issued & Outs	standing Shares							

**\$1.4 Billion** Market Cap. (CAD)

**\$14.01/\$1.69** 52 week high/low (CAD)

current slide data as of Nov 22, 2021



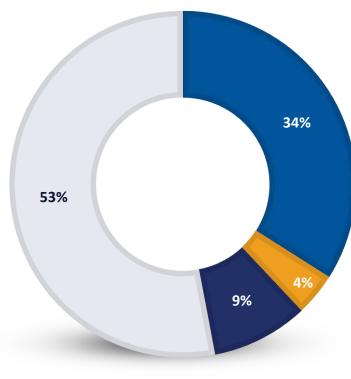
### SHARE OWNERSHIP

Lundin Family Trusts

Board & Management

Institutions

Other





### INVESTMENT HIGHLIGHTS

### UNPARALLELED GROWTH POTENTIAL



Existing Cu-Au-Ag resource, backstopped by a robust oxide project.



Outstanding drilling results, extending continuous mineralization over 4.5km strike, 1km east-west, and almost 1.5km deep.



New high-grade feeder zone discovered in FSDH041; 858m @ 1.80% CuEq.



Drilling has resumed with 5 rigs turning, two more to be added; planning 7 rigs active throughout 2022.



Lukas Lundin comments,

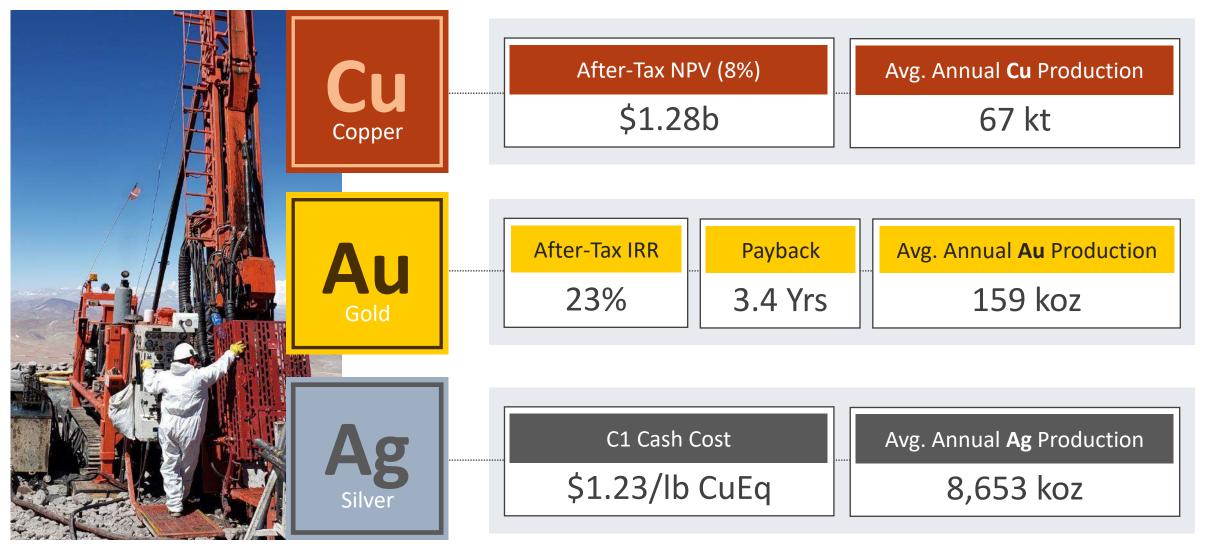
"...the potential size and scale of the Filo del Sol deposit is unparalleled to any project I have been involved with...

... Our drill results this season are truly exceptional, and rank amongst the best intercepts of my career...

...Filo del Sol is growing into one of the largest copper-gold-silver discoveries ever."

## FILO DEL SOL – PFS RESULTS SUMMARY – OXIDES ONLY



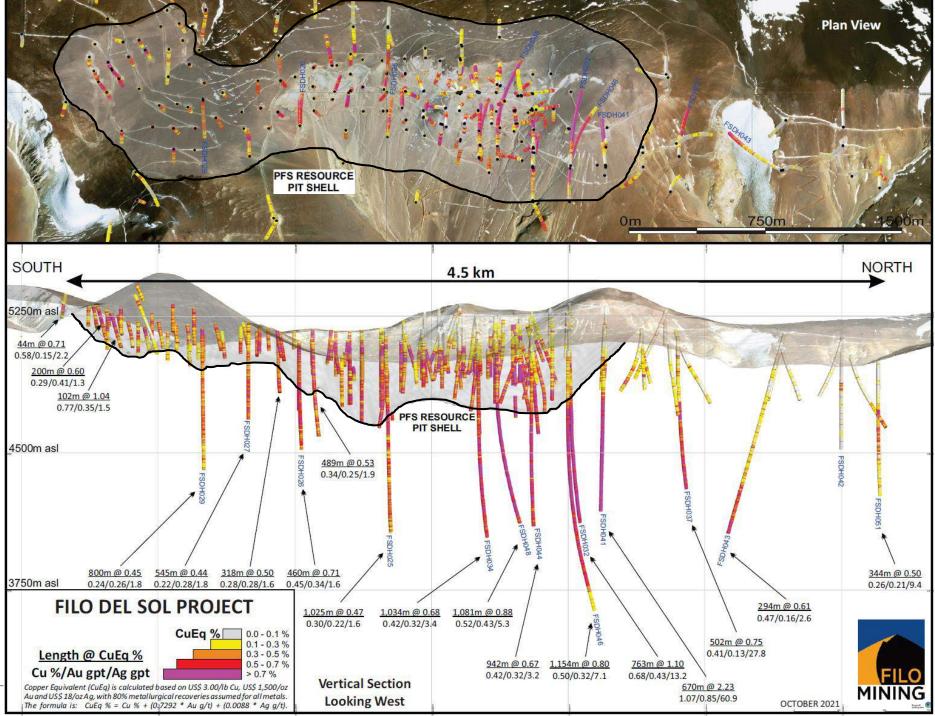


### 2021 DRILLING BELOW THE PFS PIT

502m @ 0.75% CuEq » FSDH037: **» FSDH040:** 118m @ 0.69% CuEq » FSDH041: 858m @ 1.80% CuEq **» FSDH042:** 48m @ 1.01 gpt Au » FSDH043: 768m @ 0.39% CuEq » FSDH044: 942m @ 0.67% CuEq » FSDH045: 18m @ 0.94% CuEq » FSDH046: 1,378m @ 0.71% CuEq » FSDH047: 408m @ 0.43% CuEq » FSDH048: 1,081m @ 0.88% CuEq 425m @ 1.55% CuEq » FSDH049: » FSDH050: 201m @ 0.60% CuEq » FSHD051: 344m @ 0.50% CuEq

Filo Mining | Corporate Presentation

Slide 45



### COMPARISON WITH GLOBAL COPPER INTERCEPTS

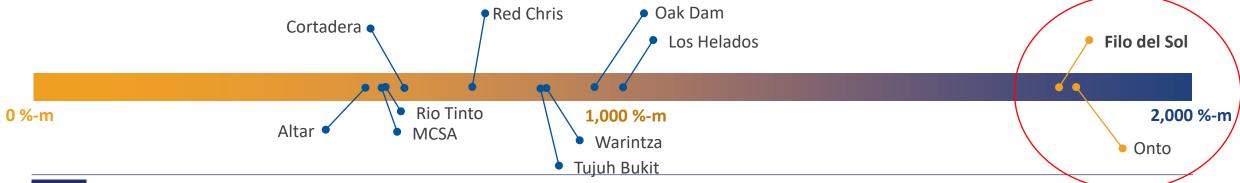


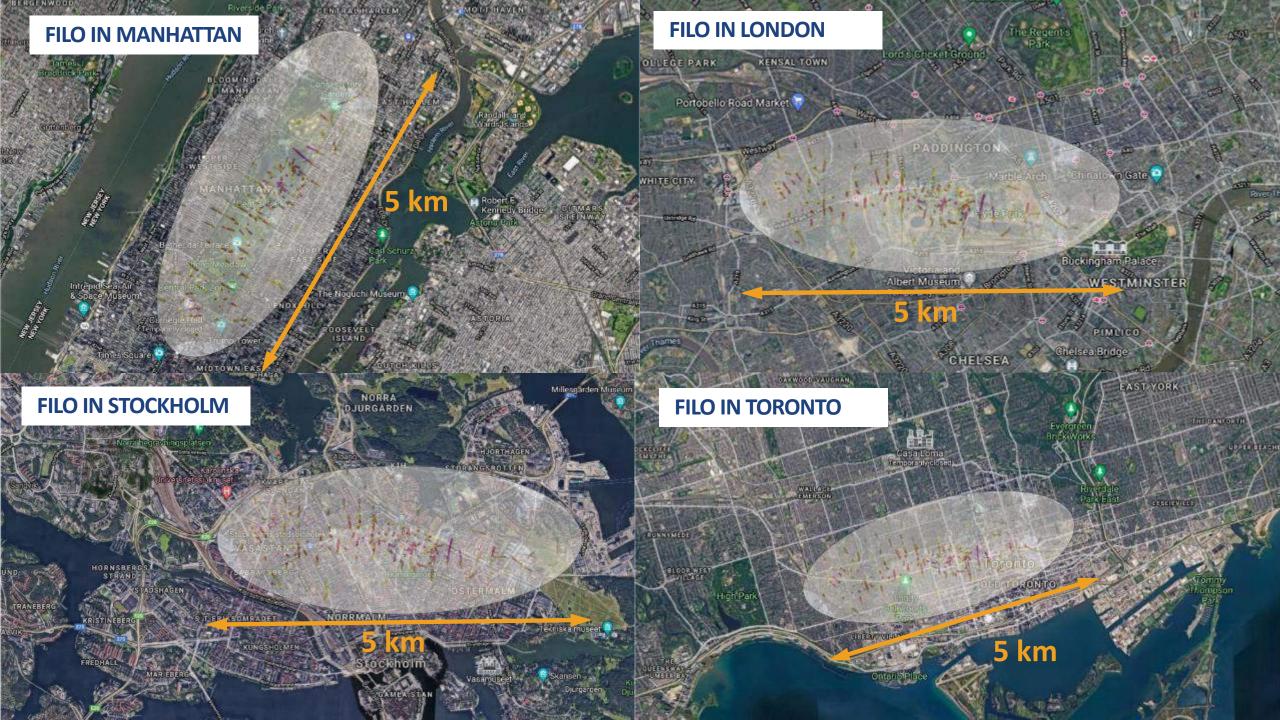
### Best holes over the past 2 years with Copper as the primary commodity

Date	Hole Number	Project	Country	Company	From (metres)	To (metres)	Interval (metres)	CuEq (%)	CuEq Grade x Interval <sup>1</sup> (%-m)	Source Document
2020-02-24	VHD037	Onto	Indonesia	PT Sumbawa Timur Mining	536.00	1,484.60	948.60	1.893	1,796.0	PT Sumbawa Timur PR
2021-05-13	FSDH041	Filo del Sol	Argentina	Filo Mining Corp.	188.00	1,046.00	858.00	2.043	1,752.9	Filo Mining PR
2021-09-08	LHDHG03	Los Helados	Chile	NGEx Minerals	6.00	1,140.40	1,134.00	0.883	1,001.4	NGEx Minerals Ltd PR
2020-10-20	AD30W1	Oak Dam	Australia	BHP Group	1,190.00	1,502.00	312.00	3.117	972.6	BHP Grp PR
2021-03-22	SLS-14	Warintza	Ecuador	Solaris Resources Inc.	0.00	922.00	922.00	0.972	896.2	Solaris Rsrc Inc PR
2021-06-14	UHGZ-21-045	Tujuh Bukit	Indonesia	PT Merdeka Copper	14.00	530.00	516.00	1.714	884.5	PT Merdeka Copper Expl. Report
2020-01-29	RC595	Red Chris	Canada	Newcrest	394.00	1,114.00	720.00	1.094	787.5	Imperial Metals PR
2019-12-04	CRP0020D	Cortadera	Chile	Hot Chili	0.00	972.00	972.00	0.709	689.3	Hot Chili Ltd PR
2021-06-24	ATD038	Proyecto de Rio Tinto	Spain	Atalaya	280.00	532.00	252.00	2.538	639.5	Atalaya Mining PR
2021-07-07	FC5522	MCSA Mining Complex	Brazil	Ero Copper	774.70	841.70	67.00	9.542	639.3	Ero Copper PR
2019-10-03	ALD-19-212	Altar	Argentina	Aldebaran	237.50	1,379.00	1,141.50	0.544	620.8	Aldebaran Rsrc Inc PR

### Filo's FSDH041 ranks as one of the best copper intercepts globally over the past 2 years... ...and the top hole held by a Junior Mining Company.

*Source*: S&P Global Market Intelligence, Drill Results – Copper, filtered by period for the last two years, as of September 13, 2021 (*Note: only one "best hole" from each project is included*) <sup>1</sup> Copper Equivalent (CuEq) Grades as reported by S&P Global Market Intelligence and may not match Company disclosure. CuEq Grade x Interval calculated by multiplying the CuEq% by the interval metres.







### FILO DEL SOL MINERAL RESERVE STATEMENT (@ 0.01 \$/T NVPT CUT-OFF)

	Tonnage	Grade				Contained Metal		
Category (all domains)	(Mt)	Cu (%)	Au (g/t)	Ag (g/t)	NVPT (\$/t)	Cu (M lbs)	Au (K oz)	Ag (K oz)
Proven	_	_	-	-	_	_	-	_
Probable	259.1	0.39	0.33	15.1	25.30	2,226	2,764	126,028
Total Proven and Probable	259.1	0.39	0.33	15.1	25.30	2,226	2,764	126,028

#### Notes to accompany Filo del Sol Mineral Reserves table:

- 1. Mineral Reserves have an effective date of 13 January 2019. The Qualified Person for the estimate is Mr. Jay Melnyk, P.Eng. of AGP Mining Consultants, Inc.
- 2. The Mineral Reserves were estimated in accordance with the CIM Definition Standards for Mineral Resources and Reserves;
- 3. The Mineral Reserves are supported by a mine plan, based on a pit design, guided by a Lerchs Grossmann (LG) pit shell. Inputs to that process are:
  - Metal prices of Cu \$3.00/lb, Ag \$20/oz, Au \$1300/oz;
  - Mining cost of \$2.00/t;
  - An average processing cost of \$9.73/t;
  - General and administration cost of \$2.02/t processed;
  - Pit slope angles varying from 29 to 45 degrees, inclusive of geotechnical berms and ramp allowances;
- Process recoveries were based on rocktype. The average recoveries applied were 83% for Cu, 73% for Au and 80% for Ag, which exclude the adjustments for operational efficiency and copper recovered as precipitate which were included in the financial evaluation;
- 4. Dilution and Mining Loss adjustments were applied at ore/waste contacts using a mixing zone approach. The volumes of dilution gain and ore loss were equal, resulting reductions in grades of 1.0%, 1.3% and 1.0% for Cu, Au and Ag respectively;
- 5. Ore/Waste delineation was based on a Net Value Per Tonne (NVPT) breakeven cut-off considering metal prices, recoveries, royalties, process and G&A costs as per LG shell parameters stated above;
- 6. The life-of-mine (LOM) stripping ratio in tonnes is 1.52:1;
- 7. All figures are rounded to reflect the relative accuracy of the estimate. Totals may not sum due to rounding as required by reporting guidelines.





50 | Building the world's next major copper producer | TSX: JOSE, NASDAQ OMX: JOSE, OTCQB: JOSMF

### Share structure

#### **KEY FINANCIAL DATA**

#### **NOVEMBER 1, 2021**

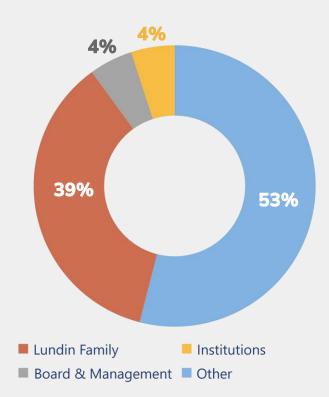
Source: IPREO // CAD:USD 1.23494

	Listings:	BMO Capital Markets	Rene Cartier	
Ø,	TSX: JOSE NASDAQ OMX: JOSE	Canaccord Genuity	Dalton Barretto	
	OTCQB: JOSMF Share Price:	Cormark Securities	Stefan Ioannou	
	\$1.37	National Bank Financial	Shane Nagle	
	52 week trading range: <b>\$0.62 – \$1.45</b>	Pareto Securities	Johan Spetz	
	Shares O/S:			
	380.6 M	PI Financial	Chris Thompson	
	Market Cap: <b>C\$521 M / US\$423M</b>	SpareBank 1 Markets	Vidar Lyngvaer	

#### **ANALYST COVERAGE – ALL BUYS**

Capital Markets	Rene Cartier
accord Genuity	Dalton Barretto
nark Securities	Stefan Ioannou
onal Bank Financial	Shane Nagle
to Securities	Johan Spetz
nancial	Chris Thompson
eBank 1 Markets	Vidar Lyngvaer

#### SHARE HOLDINGS

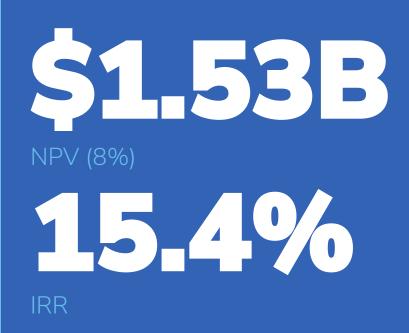




### A unique investment opportunity providing 100% exposure to a high-quality coppergold project whose true value has yet to be unlocked.

- Long-life copper-gold asset with strong economics.
- Advancing Josemaria to production a priority of our largest shareholders (Lundin Family Trusts have 39% equity ownership).
- Continues a 30-year mutually beneficial relationship with Argentina.

After tax



See detail on A National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") Technical Report, on CAUTIONARY NOTES. \*Please refer to Slide 23 for Reserve Statement and accompanying Footnotes .

#### MEMBER OF THE LUNDINGROUP



# **Fast-track to payback**



Conventional, logical, rapid pay-back, low risk project, forecast to deliver an attractive economic outcome



Open pit operation feeding a conventional process plant at an average 152,000 tonnes per day over a 19-year mine life



Mine design based on optimized mine plan for early cashflow while preserving long-term orebody value



3.8-year payback period with higher throughput optimization in first 3 years



# **De-risked and ready to deliver**



Optimally located 100% in the pro-mining San Juan province



100% Josemaria Ownership



Total contained metal in the proven and probable mineral reserve of 6.7 Billion lb Cu, 7.0 Million oz Au and 30.7 Million oz Ag with mineral resources open at depth



Environmental and Social Impact Assessment (ESIA) submitted Q1 2021



Ready access to water, grid powe transportation, logistics infrastru within San Juan province



Clear and achievable project execution plan demonstrates commercial production at Josemaria could be achieved by 2026

See detail on A National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101") Technical Report, on CAUTIONARY NOTES. \*Please refer to Slide 28 for Reserve Statement and accompanying Footnotes .

#### MEMBER OF THE LUNDINGROUP



# We are on a first-name basis with Argentina

The Lundin Group has a successful working relationship with Argentina for more than 30 years, creating multiple direct and indirect positive impacts.

Josemaria is finalizing commercial and fiscal terms with federal and provincial authorities.

#### Value creation

Lundin Group's Intl Musto advanced the Alumbrera copper/gold deposit, in Catamarca province, through to a construction decision before selling to Rio Algom and North Limited.

Argentina Gold discovered the Veladero gold project, located in Josemaria's home province of San Juan, and sold it to Homestake Mining (now Barrick).

<sup>1</sup> Feb. 23, 2021 Presentation of Josemaria Environmental, Social Impact Assessment. <u>https://www.youtube.com/watch?v=rPMjM41ToFY</u> <sup>2</sup> <u>http://miningpress.com/nota/332969/hensel-josemaria-inicia-la-nueva-era-del-cobre-en-argentina</u>



What we want and where we are heading to is the fact that the construction of the Josemaria Project is a reality<sup>1</sup>.

**SERGIO UÑAC** Governor of San Juan Province

Josemaria has all the conditions to start the new era of copper in Argentina. It is a project in which we have been working toward for a long time and in which we place a lot of confidence.<sup>2</sup>

ALBERTO HENSEL Federal Mining Secretary

#### MEMBER OF THE LUNDINGROUP



### Creating value at scale Feasibility study highlights

LoM Average Annual Metal Production

### 131,000 t Cu | 224,000 oz Au | 1,048,000 oz Ag

#### **KEY FINANCIAL DATA**

Pre-Tax NPV <sub>8</sub>	\$2.37 billion
Pre-Tax IRR	18.4%
After-Tax NPV <sub>8</sub>	\$1.53 billion
After-Tax IRR	15.4%
Undiscounted After-Tax Net Cashflow	\$6.36 billion
Initial Capital Expenditures	\$3,091 million
Sustaining Capital Expenditure	\$940 million
Payback Period	3.8 Years
Total Cash Cost <sup>(1)</sup> (co-product)	\$1.55/lb Cu Eq <sup>(2)</sup>
Metal Prices	\$3.00/lb Cu; \$1,500/oz Au; \$18.00/oz Ag

#### **ANTICIPATED PRODUCTION PROFILE**

Average Process Capacity	152,000 tonnes/ day				
Mine Life	19 years				
Life-of-Mine Mill Feed	1,012 mill	ion tonnes			
Life-of-Mine Diluted Grades	0.30% Cu; 0.22g	/t Au; 0.94g/t Ag			
Life-of-Mine Strip Ratio (Waste:Ore)	0.98:1				
	First 3 years	Life of Mine			
Average Annual Payable	166,000t Cu	131,000t Cu			
Metal Production	331,000oz Au	224,000oz Au			
	1,248,000oz Ag	1,048,000oz Ag			
Life-of-Mine Average Process Recovery	85.2% Cu, 62.69	% Au, 72.0% Ag			

(1), (2) – See detail on Non-GAAP measures and copper equivalency in cautionary notes respectively on CAUTIONARY NOTES REGARDING FORWARD LOOKING STATEMENTS



### Josemaria – Mineral resources

#### SULPHIDE MINERAL RESOURCE STATEMENT @ 0.1% CUEQ CUT-OFF

		Grade				Contained Metal			
Category	Tonnes (millions)	Cu	Au	Ag	CuEq	lb Cu	oz Au	oz Ag	
		(%)	(g/t)	(g/t)	(%)	(billions)	(millions)	(millions)	
Measured	197	0.43	0.34	1.3	0.63	1.9	2.2	8.5	
Indicated	962	0.26	0.18	0.9	0.36	5.5	5.6	26.6	
Total (M&I)	1,159	0.29	0.21	0.9	0.41	7.4	7.8	33.5	
Inferred	704	0.19	0.10	0.8	0.25	2.9	2.3	18.6	

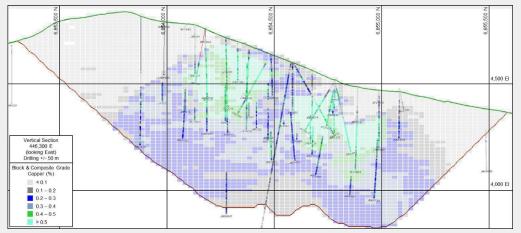
#### OXIDE MINERAL RESOURCE STATEMENT @ 0.2G/T GOLD CUT-OFF

Category	-	Gr	ade	Contained Metal		
	Tonnes (millions)	Au	Ag	oz Au	oz Ag (millions)	
		(g/t)	(g/t)	(millions)		
Measured	26	0.33	1.2	280	994	
Indicated	15	0.28	1.3	132	632	
Total (M&I)	41	0.31	1.2	410	1,585	
Inferred	0					

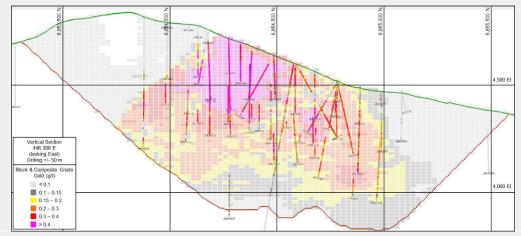
Notes to accompany the Josemaria Mineral Resource statement:

- 1. Mineral Resources have an effective date of 10 July 2020. The Qualified Person for the mineral resource estimate is Mr. James N. Gray, P.Geo
- 2. The mineral resources were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), Definition Standards for Mineral Resources and Reserves, as prepared by the CIM Standing Committee and adopted by CIM Council.
- 3. Sulphide copper equivalence (CuEq) assumes metal prices of \$3/lb copper, \$1,500/oz gold, \$18/oz silver.
- 4. CuEq is based on Cu, Au and Ag recoveries derived from metallurgical test work as applied in the pit optimisation and mine design process.
- 5. The copper Equivalency equation used is: CuEq (%) = (Cu grade (%) \* Cu recovery \* Cu price (\$/t) + Au grade (oz/t) \* Au recovery \* Au price (\$/oz) + Ag grade (oz/t) \* Ag recovery \* Ag price (\$/oz) ) / (Cu price (\$/t) \* Cu recovery)
- 6. Mineral resources are inclusive of mineral reserves.
- 7. Mineral resources that are not mineral reserves do not have demonstrated economic viability.
- 8. All figures are rounded to reflect the relative accuracy of the estimate. Totals may not sum due to rounding as required by reporting guidelines.

#### SECTION 446,300 E - COPPER BLOCK AND COMPOSITE GRADES



#### SECTION 446,300 E - GOLD BLOCK AND COMPOSITE GRADES



#### MEMBER OF THE LUNDINGROUP



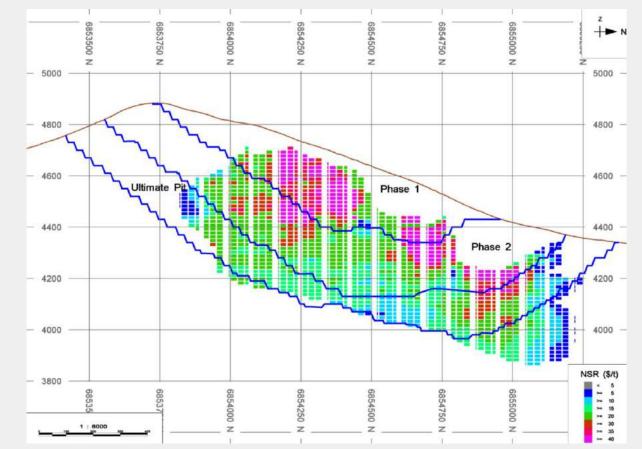
### Josemaria – Mineral reserves

Catagony	Tonnage		Grade		Contained Metal			
Category	(Mt)	Cu (%)	Au (g/t)	Ag (g/t)	Cu lbs (Millions)	Au oz (Millions)	Ag oz (Millions)	
Proven	197	0.43	0.34	1.33	1,844	2.14	8.43	
Probable	815	0.27	0.19	0.85	4,861	4.87	22.29	
Total Proven and Probable	1,012	0.30	0.22	0.94	6,705	7.02	30.72	

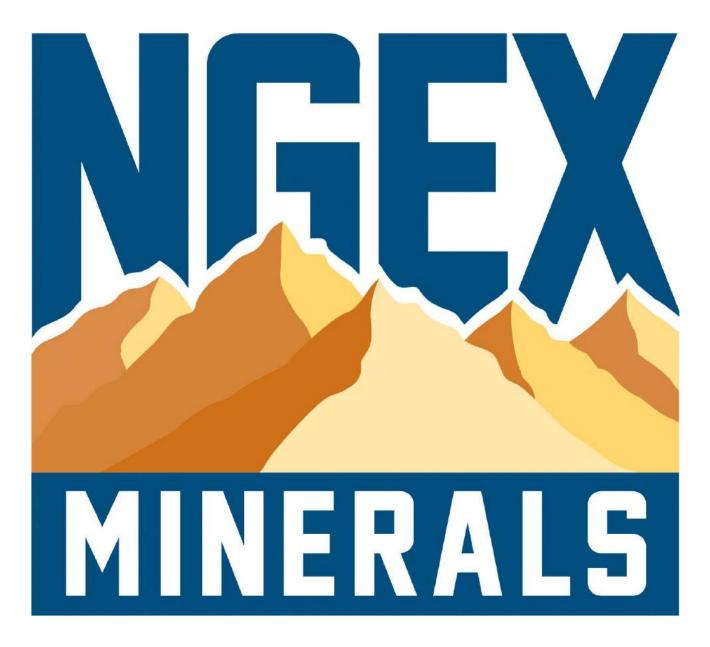
#### Notes to accompany the Josemaria Mineral Reserve statement:

- 1. Mineral reserves have an effective date of 28 September 2020. The Qualified Person for the estimate is Mr. Robert McCarthy, P.Eng.
- 2. The mineral reserves were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), Definition Standards for Mineral Resources and Reserves, as prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council.
- The mineral reserves were based on a pit design which in turn aligned with an ultimate pit shell selected from a Whittle<sup>™</sup> pit optimisation exercise. Key inputs for that process are:
  - Metal prices of \$3.00/lb Cu, \$1,500/oz Au; \$18.00/oz Ag
  - Variable Mining cost by bench and material type. Average costs are \$1.35/t, \$1.36/t and \$1.65/t for ore, Non Acid Generating waste and Potentially Acid Generating waste, respectively.
  - Processing costs vary by metallurgical zone, ranging from \$3.77/t for tonalite ore milled to \$3.71/t for supergene ore.
  - Infrastructure On and Off-site costs of \$0.43/t milled
  - Indirect Costs of \$0.46/t milled
  - Sustaining capital costs of \$0.54/t milled for tailings and \$0.17/t mined for mining equipment
  - Pit average slope angles varying from 37° to 43°
  - Process recoveries for Cu and Au are based on grade. The average recovery is estimated to be 85% for Cu and 63% for Au. Ag recovery is fixed at 72%.
- 4. Mining dilution is accounted for by averaging grades in adjacent blocks across a thickness of 2.5 m into each block (5.0 m per block contact).
- 5. The mineral reserve has an economic cut-off for prime mill feed, based on NSR, of \$5.22/t, \$5.18/t and \$5.16/t milled for tonalite, rhyolite, porphyry and supergene material respectively and an additional \$0.53/t for stockpiled ore.
- 6. There are 991 Mt of waste in the ultimate pit. The strip ratio is 0.98 (waste:ore).
- 7. All figures are rounded to reflect the relative accuracy of the estimate. Totals may not sum due to rounding as required by reporting guidelines.

#### JOSEMARIA LONGITUDINAL SECTION (A-A') OF PIT PHASE DESIGNS



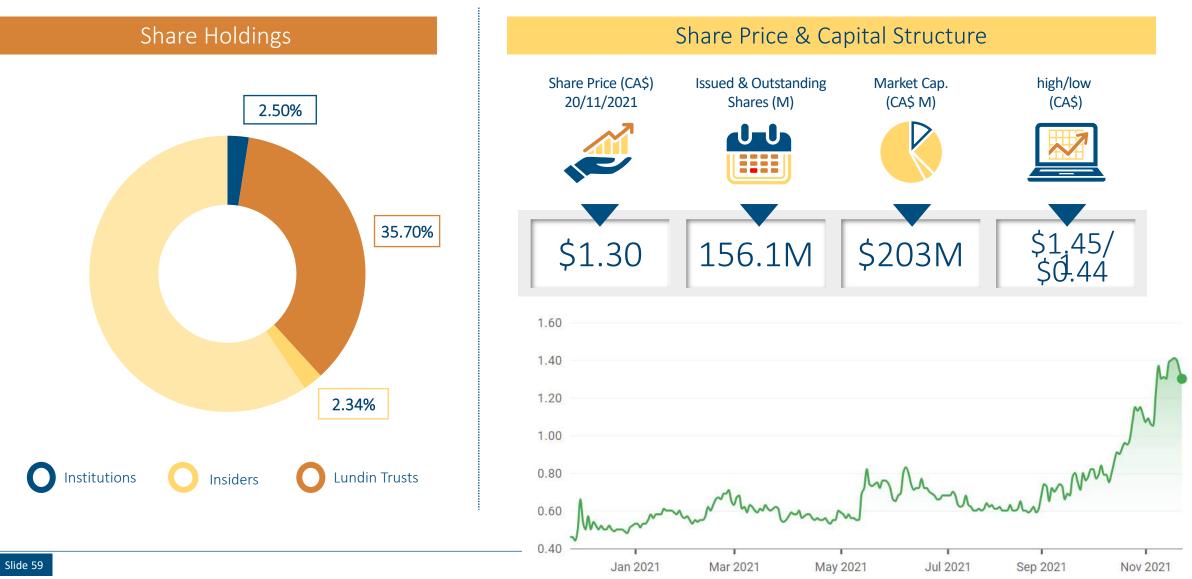
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### STOCK OVERVIEW TSXV: NGEX





## LOS HELADOS - A STRATEGIC ASSET

#### UNDERPINS CURRENT VALUATION - STRONG LEVERAGE TO COPPER PRICE

- Very large Indicated copper resource + gold in Chile
- Originally evaluated at \$3 Cu; \$1300 Au
- 10km from lower grade mine owned by our Japanese partners



For details on data verification, sample, analytical and testing results and the key assumptions, parameters and methods used to estimate mineral resources in respect of the Los Helados property, refer to the technical report entitled "*Technical Report on the Los Helados Porphyry Copper-Gold Deposit Chile*" dated August 6, 2019, with an effective date of April 26, 2019 <u>www.sedar.com</u>.







# LOS HELADOS 2.0 - FOCUS ON THE HIGH-GRADE CORE



West \* A CuEq grade was calculated using US\$3.00/lb Cu, US\$1,300/oz Au and US\$23/oz Ag, and includes a provision for selling costs and metallurgical recoveries. For details on data verification, sample, analytical and testing

For details on data verification, sample, analytical and testing results and the key assumptions, parameters and methods used to estimate mineral resources in respect of the Los Helados property, refer to the technical report entitled *"Technical Report on the Los Helados Porphyry Copper-Gold Deposit Chile"* dated August 26, 2019, with an effective date of May 27, 2017 (www.sedar.com).

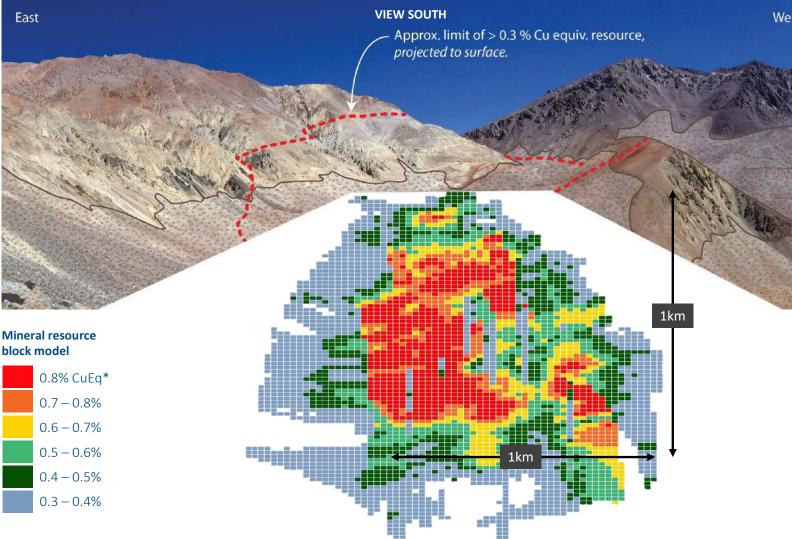


HIGH GRADE CORE- INFILL HOLES

1,101m @ 0.70% CuEq (0.52% Cu, 0.28 g/t Au, 1.7 g/t Ag), including 224m @ 1.04% CuEq (0.79% Cu, 0.37 g/t Au, 2.7 g/t Ag)

1,134m @ 0.79% CuEq (0.59% Cu, 0.30 g/t Au, 1.9 g/t Ag), including 440m @ 1.03% CuEq (0.82% Cu, 0.31 g/t Au, 2.9 g/t Ag)

News Release Dated: 08 September, 2021



### **RECENT DRILL RESULTS**



#### COMPARISON OF GLOBAL COPPER INTERCEPTS BEST HOLES OVER THE PAST 2 YEARS WITH COPPER AS THE PRIMARY COMMODITY

Date	Hole Number	Project	Country	Company	From (metres)	To (metres)	Interval (metres)	CuEq (%)	CuEq Grade x Interval <sup>1</sup> (%-m)	Source Document
2020-02-24	VHD037	Onto	Indonesia	PT Sumbawa Timur Mining	536.00	1,484.60	948.60	1.893	1,796.0	PT Sumbawa Timur PR
2021-05-13	FSDH041	Filo del Sol	Argentina	Filo Mining Corp.	188.00	1,046.00	858.00	2.043	1,752.9	Filo Mining PR
2021-09-08	LHDHG03	Los Helados	Chile	NGEx Minerals	6.00	1,140.40	1,134.00	0.883	1,001.4	NGEx Minerals Ltd PR
2020-10-20	AD30W1	Oak Dam	Australia	BHP Group	1,190.00	1,502.00	312.00	3.117	972.6	BHP Grp PR
2021-03-22	SLS-14	Warintza	Ecuador	Solaris Resources Inc.	0.00	922.00	922.00	0.972	896.2	Solaris Rsrc Inc PR
2021-06-14	UHGZ-21-045	Tujuh Bukit	Indonesia	PT Merdeka Copper	14.00	530.00	516.00	1.714	884.5	PT Merdeka Copper Expl.
2020-01-29	RC595	Red Chris	Canada	Newcrest	394.00	1,114.00	720.00	1.094	787.5	Imperial Metals PR
2019-12-04	CRP0020D	Cortadera	Chile	Hot Chili	0.00	972.00	972.00	0.709	689.3	Hot Chili Ltd PR
2021-06-24	ATD038	Proyecto de Rio Tinto	Spain	Atalaya	280.00	532.00	252.00	2.538	639.5	Atalaya Mining PR
2021-07-07	FC5522	MCSA Mining Complex	Brazil	Ero Copper	774.70	841.70	67.00	9.542	639.3	Ero Copper PR
2019-10-03	ALD-19-212	Altar	Argentina	Aldebaran	237.50	1,379.00	1,141.50	0.544	620.8	Aldebaran Rsrc Inc PR

# NGEX's LHDHG03 from the **Los Helados Deposit** in Chile ranks as one of the best copper intercepts globally over the past 2 years

Source: S&P Global Market Intelligence, Drill Results – Copper, filtered by period for the last two years, as of September 13, 2021. (Note only one best hole from each project is included) Copper Equivalent (CuEq) Grades as reported by S&P Global Market Intelligence and may not match Company disclosure. CuEq Grade x interval calculated by multiplying the CuEq% by the interval metres

### LOS HELADOS - A GLOBALLY SIGNIFICANT PROJECT

DISCOUNTING POLITICALLY-STALLED PROJECTS; LOS HELADOS IS THE SIXTH LARGEST COPPER DEVELOPMENT PROJECT GLOBALLY

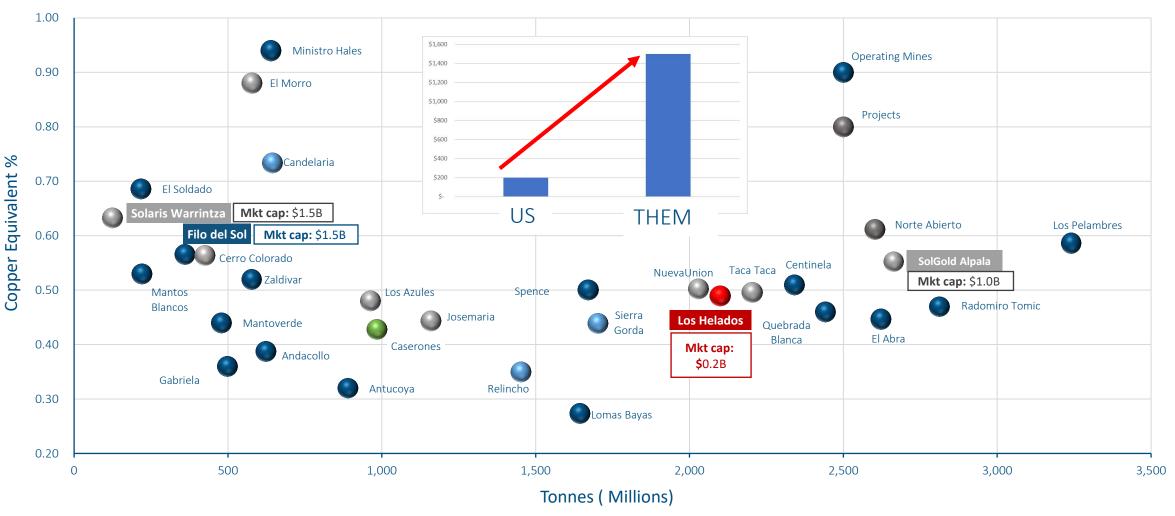


### Mining.com Top Twelve Copper Development Projects – February 2021

	Project	Location	Ownership	Stage	Contained Copper (t)
1	Kamoa-Kakula	DRC	Ivanhoe/Zijin	Construction	37,927,792
2	Pebble	Alaska	Northern Dynasty	PEA	26,047,959
3	Udokan	Russia	USM Group	Construction	18,469,997
4	Reko Diq	Pakistan	Under litigation	Feasibility	14,240,215
5	Tampakan	Philippines	Alcantara Group	Feasibility	12,566,992
6	Resolution	Arizona	Rio/BHP	Feasibility	10,176,000
7	Cascabel	Ecuador	SolGold/Cornerstone	PEA	9,837,581
8	Таса Таса	Argentina	First Quantum	PFS	9,478,002
9	Frieda River	Papua New Guinea	Guangdong Rising/Pala	Feasibility	9,425,532
10	El Pachon	Argentina	Glencore	Feasibility	8,742,385
11	Los Helados	Chile	NGEX/NCR	Resource	7,983,219*
12	Wafi Golpu	Papua New Guinea	Newcrest	Feasibility	7,400,000

### UNDER VALUED VS PEERS

#### IF WE CAN BRIDGE EVEN HALF THE GAP ....



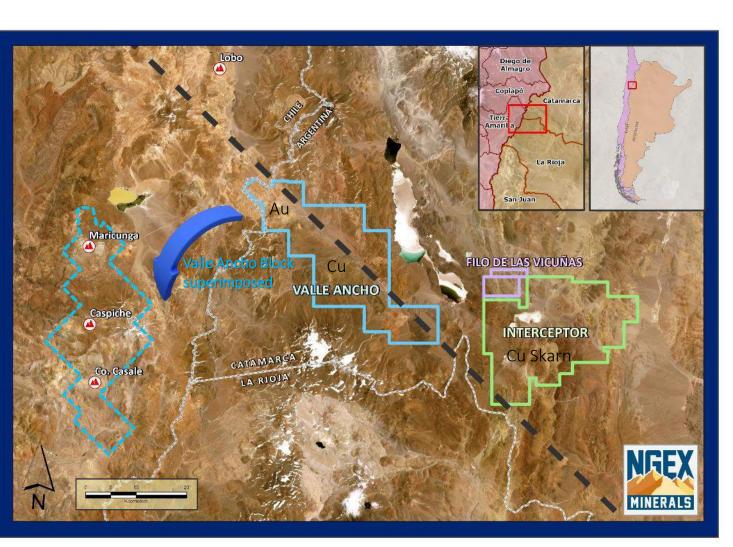
Source: S&P Global Market Intelligence Database



### VALLE ANCHO COPPER-GOLD PROJECT

#### WHAT'S NEXT?

- Large **underexplored** land package
- Argentina side of the Maricunga Gold Belt >100Moz on Chile side
- Along the crustal scale Valle Ancho lineament
- No exploration for almost 20 years
- Option from Catamarca Provincial Government
- Drill program planned to start Q4 2021
- Results Q1-Q2 2022





### Los Helados mineral resource estimate

Los Helados Indicated Mineral Resource									
	Tonnage	Resource Grade				Contained Metal			
Cutoff (CuEq)	(million tonnes)	Cu (%)	Au (g/t)	Ag (g/t)	CuEq (%)	Cu (billion lbs)	Au (million oz)	Ag (million oz)	
0.58	531	0.50	0.21	1.66	0.65	5.9	3.6	28.3	
0.50	981	0.45	0.18	1.56	0.58	9.7	5.7	49.2	
0.44	1,395	0.42	0.16	1.52	0.54	12.9	7.2	68.2	
0.40	1,733	0.40	0.15	1.45	0.51	15.3	8.4	80.8	
0.33	2,099	0.38	0.15	1.37	0.48	17.6	10.1	92.5	
Los Helados Inferred Mineral Resource									
	Tonnage	Resource Grade				Contained Metal			
Cutoff (CuEq)	(million tonnes)	Cu (%)	Au (g/t)	Ag (g/t)	CuEq (%)	Cu (billion lbs)	Au (million oz)	Ag (million oz)	
0.58	There are no Inferred Mineral Resources inside the mining shape at this cutoff grade								
0.50	41	0.41	0.13	1.78	0.51	0.4	0.2	2.3	
0.44	176	0.37	0.11	1.61	0.45	1.4	0.6	9.1	
0.40	399	0.35	0.10	1.47	0.43	3.1	1.3	18.9	
0.33	827	0.32	0.10	1.32	0.39	5.8	2.7	35.1	

For details on data verification, sample, analytical and testing results and further details regarding methods used to estimate mineral reserves in respect of the Los Helados project, refer to "The Technical Report on the Los Helados Porphyry Copper-Gold Deposit Chile" dated August 6, 2019 (effective date April 26, 2019), which incorporates the mineral resources statement for Los Helados and is available on SEDAR.

Notes to accompany Los Helados Mineral Resource table

Mineral Resource estimate has an effective date of April 26, 2019. The Qualified Person for the estimate is Mr. Gino Zandonai, RM CMC.

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability

Mineral Resources are reported using a copper equivalent (CuEq) cutoff grade. Copper equivalent is calculated using US\$3.00/lb copper, US\$1,300/oz gold and US\$23/oz Ag, and includes a provision for selling costs and metallurgical recoveries corresponding to three zones defined by depth below surface. The formulas used are: CuEq% = Cu% + 0.6264\*Au (g/t) + 0.0047\*Ag (g/t) for the Upper Zone (surface to ~ 250 m); Cu% + 0.6366\*Au (g/t) + 0.0077\*Ag (g/t) for the Intermediate Zone (~250 m to ~600 m); Cu% + 0.6337\*Au (g/t) + 0.0096\*Ag (g/t) for the Deep Zone (>~600 m)

Cutoff grades refer to diluted cutoff grades used to generate the corresponding block cave shapes. For each cutoff grade, the tonnes and grade represent the total Indicated or Inferred undiluted material within each of these shapes.

Mineral Resources are reported within block cave underground mining shapes based on diluted CuEq grades, US\$13.07/t operating costs and include a provision for capital expenditure. The base case cutoff grade of 0.33% CuEq was derived through an economic evaluation of several block cave shapes developed over a range of different cutoff grades and is the cutoff grade which results in a zero net present value

Totals may not sum due to rounding as required by reporting guidelines

### Cautionary Note Regarding Forward-Looking Statements

Certain statements made and information contained herein in the presentation constitutes "forward-looking information" and "forward-looking statements" within the meaning of applicable securities legislation (collectively, "forward-looking information"). The forward-looking information contained in this presentation is based on information regarding NGEX Minerals, Filo Mining , and Josemaria Resource (the "Companies") available to the author as of the date of this presentation. Except as required under applicable securities legislation, the author and the Companies do not intend, and do not assume any obligation, to update this forward-looking information. Generally, this forward-looking information can frequently, but not always, be identified by use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events, conditions or results "will", "may", "could", "would", "might" or "will be taken", "occur" or "be achieved" or the negative connotations thereof. All statements other than statements of historical fact may be forward-looking statements.

Forward-looking statements contained in this presentation include statements regarding the outlook for copper prices, potential to increase resources at Los Helados and Filo del Sol, Vicuna District exploration upside, that Josemaria is targeting commercial production by 2026 and potential for future value creation and shareholder returns. Information concerning mineral resource estimates are also forward-looking statements in that they reflect a prediction of the mineralization that would be encountered, and the results of mining, if a mineral deposit were developed and mined. Although the author believes that the expectations reflected in such forward-looking statements and/or information are reasonable, undue reliance should not be placed on forward-looking statements since the author can give no assurance that such expectations will prove to be correct. These statements 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 statements, including the risks, uncertainties and other factors identified in the Companies periodic filings with Canadian securities regulators, available under the respective Company's profile at www.Sedar.Com.

These factors are not, and should not be construed as being, exhaustive. Although the the author has attempted to identify important factors that would cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated, or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. All of the forward-looking information contained in this document is qualified by these cautionary statements. Readers are cautioned not to place undue reliance on forward-looking information due to the inherent uncertainty thereof.

#### **Estimates of Mineral Reserves and Mineral Resources**

Information regarding reserve and resource estimates has been prepared in accordance with Canadian standards under applicable Canadian securities laws, and may not be comparable to similar information for United States companies. The terms "Mineral Resource", "Measured Mineral Resource", "Indicated Mineral Resource" and "Inferred Mineral Resource" used in this presentation are Canadian mining terms as defined in accordance with NI 43-101 under guidelines set out in the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Mineral Resources adopted by the CIM Council on May 10, 2014. While the terms "Mineral Resource", "Measured Mineral Resource", "Indicated Mineral Resource" and "Inferred Mineral Resource" are recognized and required by Canadian regulations, they are not defined terms under standards of the United States Securities and Exchange Commission. Under United States standards, mineralization may not be classified as a "reserve" unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve calculation is made. As such, certain information concerning descriptions of mineralization and resource" has a great amount oble comparable to similar information state sto is existence and as to its economic and legal feasibility. It cannot be assumed that all or any part of an "Inferred Mineral Resource" will ever be upgraded to a higher category. Under Canadian rules, estimates are cautioned not to assume that all or any part of an "Inferred Mineral Resource" and "Inferred Mineral Resource" and "Inferred Mineral Resource" and the definitions of "Proven Mineral Resource" and "Inferred Mineral Resource" are teogrised on the definitions of "Proven Mineral Resource" and "Inferred Mineral Resource" are teogrised on the economic viability.

#### **Qualified Persons**

The disclosure of scientific and technical information regarding the Companies properties in this presentation was reviewed by Bob Carmichael, B.A.Sc., P.Eng., who is the Qualified Person as defined by NI 43-101. Mr. Carmichael is Vice President, Exploration for the Companies.

#### **Technical Reports**

For details on data verification, sample, analytical and testing results and further details regarding methods used to estimate mineral reserves refer to the respective Technical Report available under each Company's profile on SEDAR: Los Helados Project, refer to the technical report on the Los Helados Porphyry Copper-Gold Deposit Chile" dated August 6, 2019 (effective date April 26, 2019)

Josemaria Project refer to NI 43-101 Technical Report, Feasibility Study for the Josemaria Copper-Gold Project, San Juan Province, Argentina with an effective date of 28 September 2020 and an issue Date of 5 November 2020



Filo del Sol Project NI 43-101 Technical Report, Pre-feasibility Study for the Filo del Sol Project with an effective date of 13 January, 2019 and an issue date of 22 February 2019