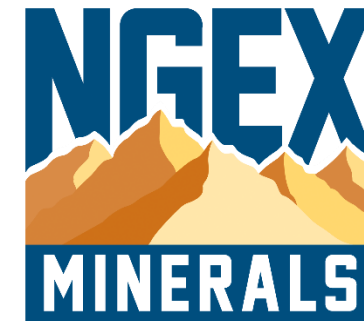


# The Quest for High-Grade



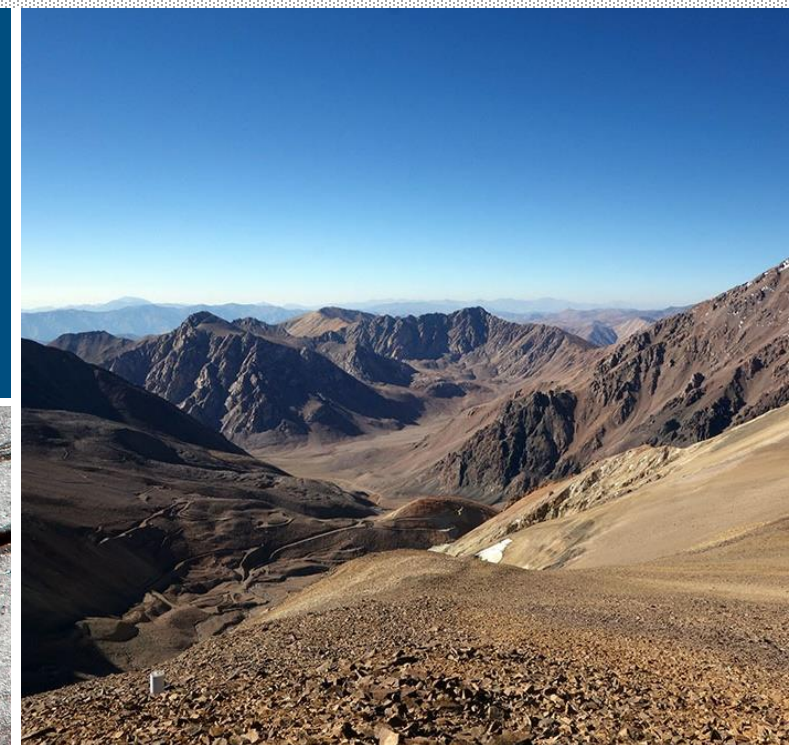
A Lundin Group Company

September 2022



NO GUTS  
NO GLORY

TSXV: NGEX



[www.ngexminerals.com](http://www.ngexminerals.com)

# 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 available to the company as of the date of this presentation. Except as required under applicable securities legislation, the company does not intend, and does 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 timing for additional drill result, potential exploration upside, potential of current drill program to add to resources, timing for a new drill program following a break for the Southern Hemisphere winter. 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 NGEX Minerals 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 NGEX Minerals 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 NGEX’s periodic filings with Canadian securities regulators, available under the company’s profile at [www.Sedar.Com](http://www.Sedar.Com).

These factors are not, and should not be construed as being, exhaustive. Although the company 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 Reserves 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 contained in this presentation concerning descriptions of mineralization and resources under Canadian standards is not comparable to similar information made public by United States companies subject to the reporting and disclosure requirements of the United States Securities and Exchange Commission. An “Inferred Mineral Resource” has a great amount of uncertainty as to its 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 of Inferred Mineral Resources may not form the basis of feasibility or other economic studies. Readers are cautioned not to assume that all or any part of Measured or Indicated Resources will ever be converted into Mineral Reserves. Readers are also cautioned not to assume that all or any part of an “Inferred Mineral Resource” exists or is economically or legally mineable. In addition, the definitions of “Proven Mineral Reserves” and “Probable Mineral Reserves” under CIM standards differ in certain respects from the standards of the United States Securities and Exchange Commission. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

## **Qualified Persons**

The disclosure of scientific and technical information regarding the Company’s properties in this presentation was prepared by or 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 Company.

## **Technical Reports**

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 is available on SEDAR.

# NGEX MINERALS – NO GUTS NO GLORY



## COMPANY PROFILE

South American  
Advanced  
Exploration  
Company

Key Project – Los Helados (~68% interest)  
Current Indicated Resource\* of:

- » 17.6 Billion lbs Copper
- » 10 million oz Gold
- » 92 million oz Silver

## CAPITAL STRUCTURE

NGEX	TSX VENTURE
\$2.15	Share Price (CAD)
156.9mm	Issued & Outstanding Shares
\$337mm	Market Cap. (CAD)
\$4.22 / \$0.62	52 week high/low (CAD)

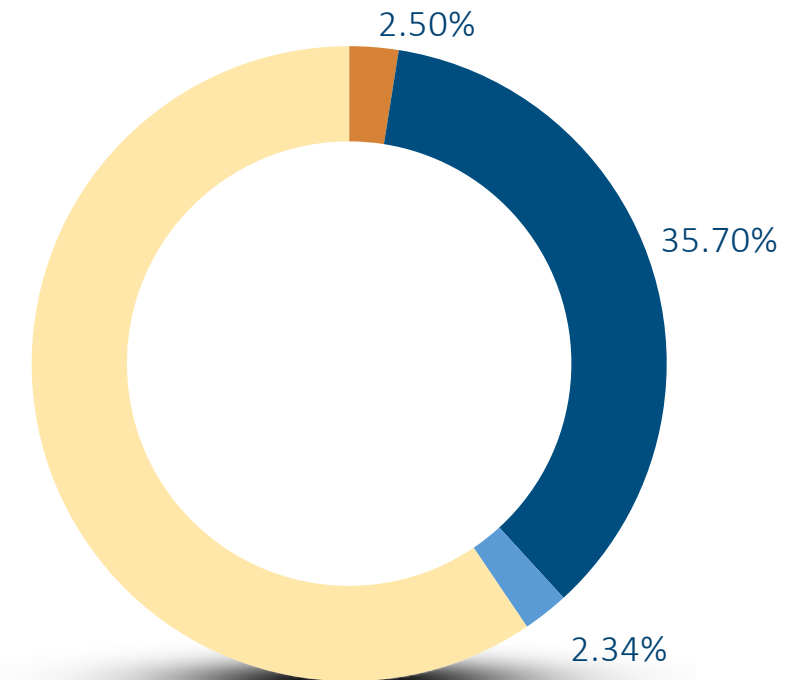
## 2022 CATALYSTS

- New Los Helados Drill Program Q4
- Los Helados Drill Results – Q4
- Drill Permit for Potro Cliffs Q4

current slide data as of September 06, 2022

\*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](http://www.sedar.com)

## SHARE OWNERSHIP



○ Institutions   ○ Insiders   ○ Lundin Trusts



# BACKGROUND



## 2009 THE BEGINNING



Market Cap  
~\$40 million

3 early stage  
Exploration  
Projects



## HISTORY OF VALUE CREATION



## NGEX TODAY

### Los Helados

- One of the world's largest undeveloped copper projects. Indicated Resource includes
  - 17.6 billion pounds copper
  - 10 million ounces gold;
  - 92 million ounces silver
- A key deposit in the Vicuña District

### Valle Ancho + Other Vicuna District Discovery Targets

- Large, high potential copper-gold exploration projects

### Strong Track Record

- NGEX team's copper discoveries have created market value of >\$3 billion

# NGEX – A SIMPLE STORY

## Overview

- Focused on our Vicuña District land package
- Adding as much high-grade material as possible at Los Helados
- Getting other district targets ready for drilling – Potro Cliffs

## Next Steps

- Resume drilling after Southern Hemisphere winter break
- Add as much high grade as possible at Los Helados
- Make a new discovery at other district targets





# VICUÑA

## A MAJOR NEW COPPER DISTRICT

controlled by  
Lundin Group companies



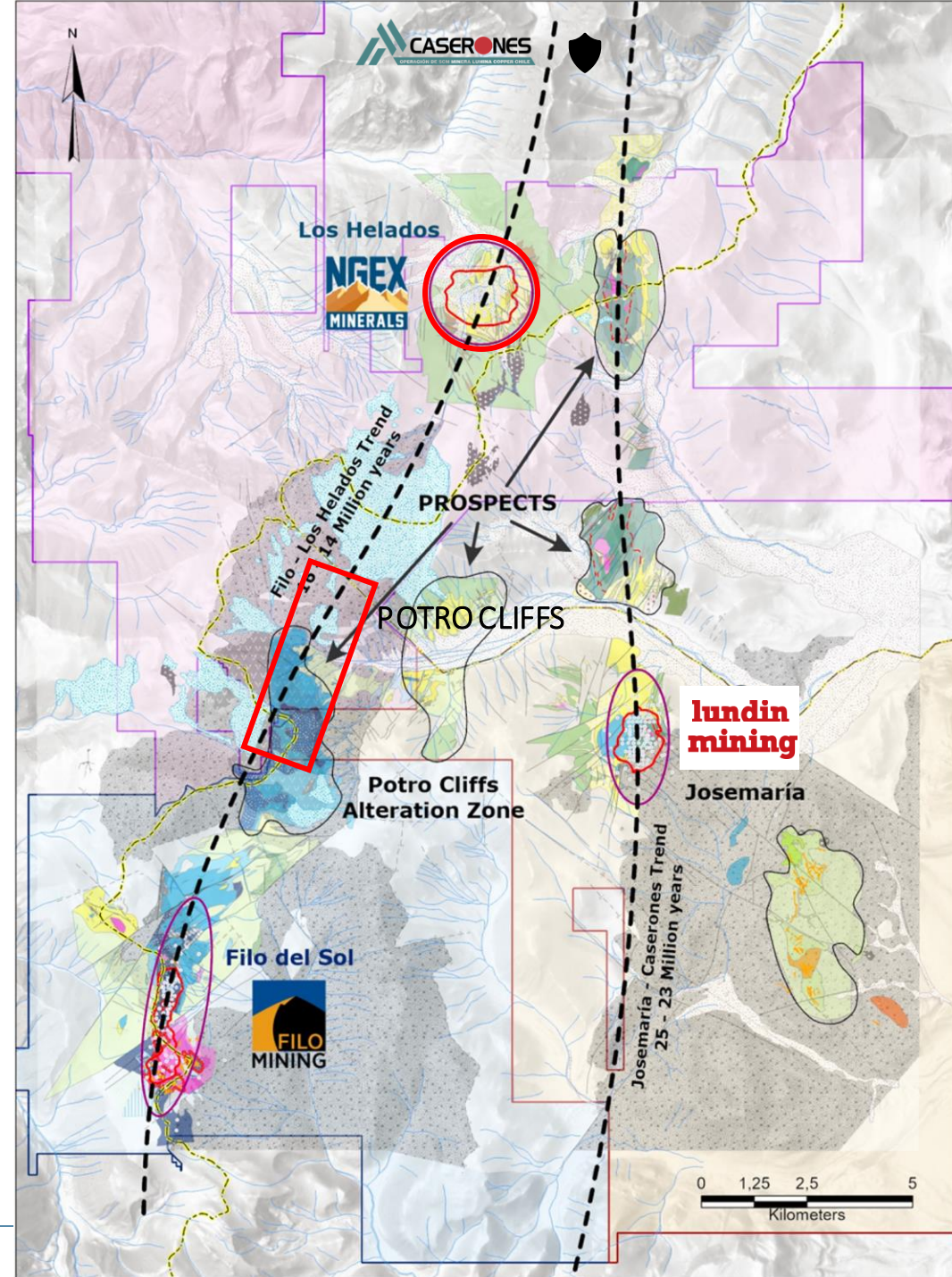
Los Helados deposit is located 16km northeast of the Filo del Sol deposit and 12 km from the Josemaria deposit



# HOLDS A KEY PIECE OF THE VICUÑA DISTRICT

## LARGE CENTRALLY LOCATED LAND PACKAGE

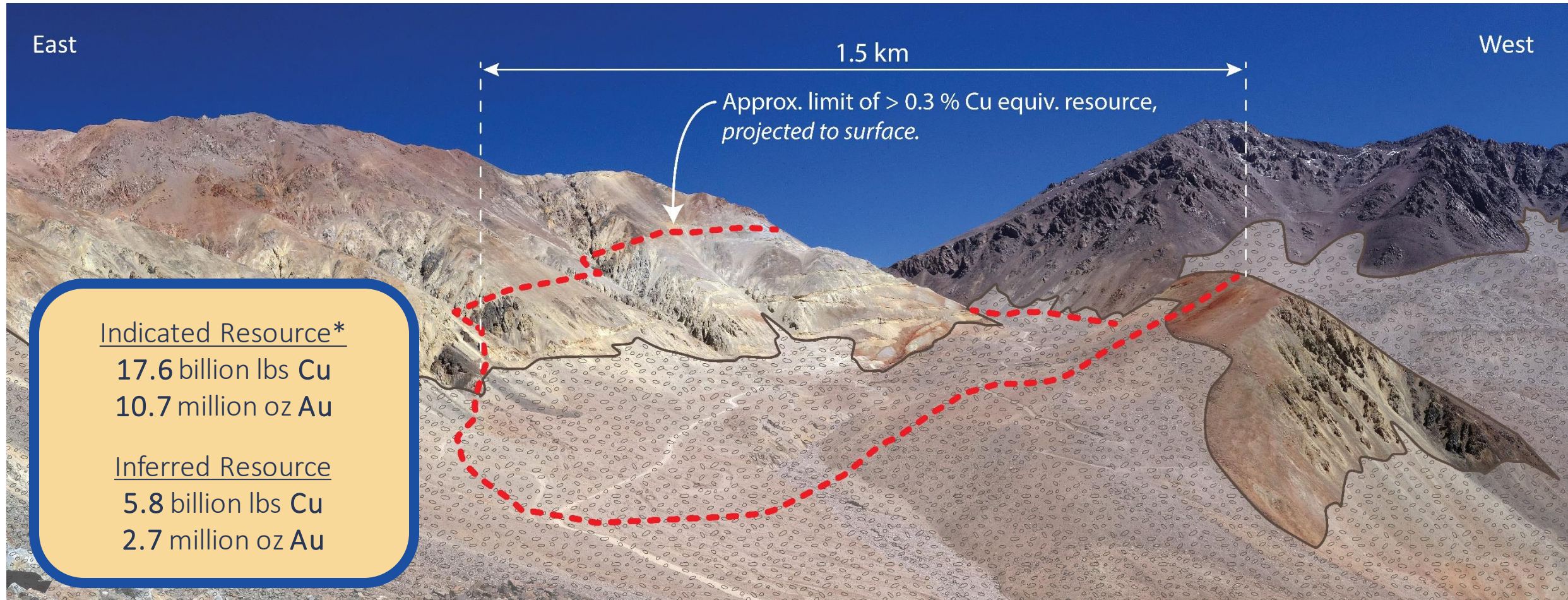
- Large M&I&I resource at Los Helados. Surrounds high grade core (~0.8% CuEq) which is current focus
- Close to existing operations and development projects
- Favourable metallurgy
- High potential exploration target at Potro Cliffs





# LOS HELADOS – LARGE RESOURCE

UNDERPINS CURRENT VALUATION



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](http://www.sedar.com) .





When you find something big,  
**keep looking**

**Giant deposits get bigger**

**The best place to look for grade is in and  
around a giant deposit**

- Scale**
- Clusters**
- Structures**

#### SEG SIZE CLASSIFICATIONS

##### **Super Giant**

>10,000,000 -  
31,162,000 tCu

##### **Giant**

>3,162,000 -  
10,000,000 tCu

LOS HELADOS

10.6 million tonnes Cu

12.8 million ounces Au

127 million ounces Ag

**LUNDINGROUP**

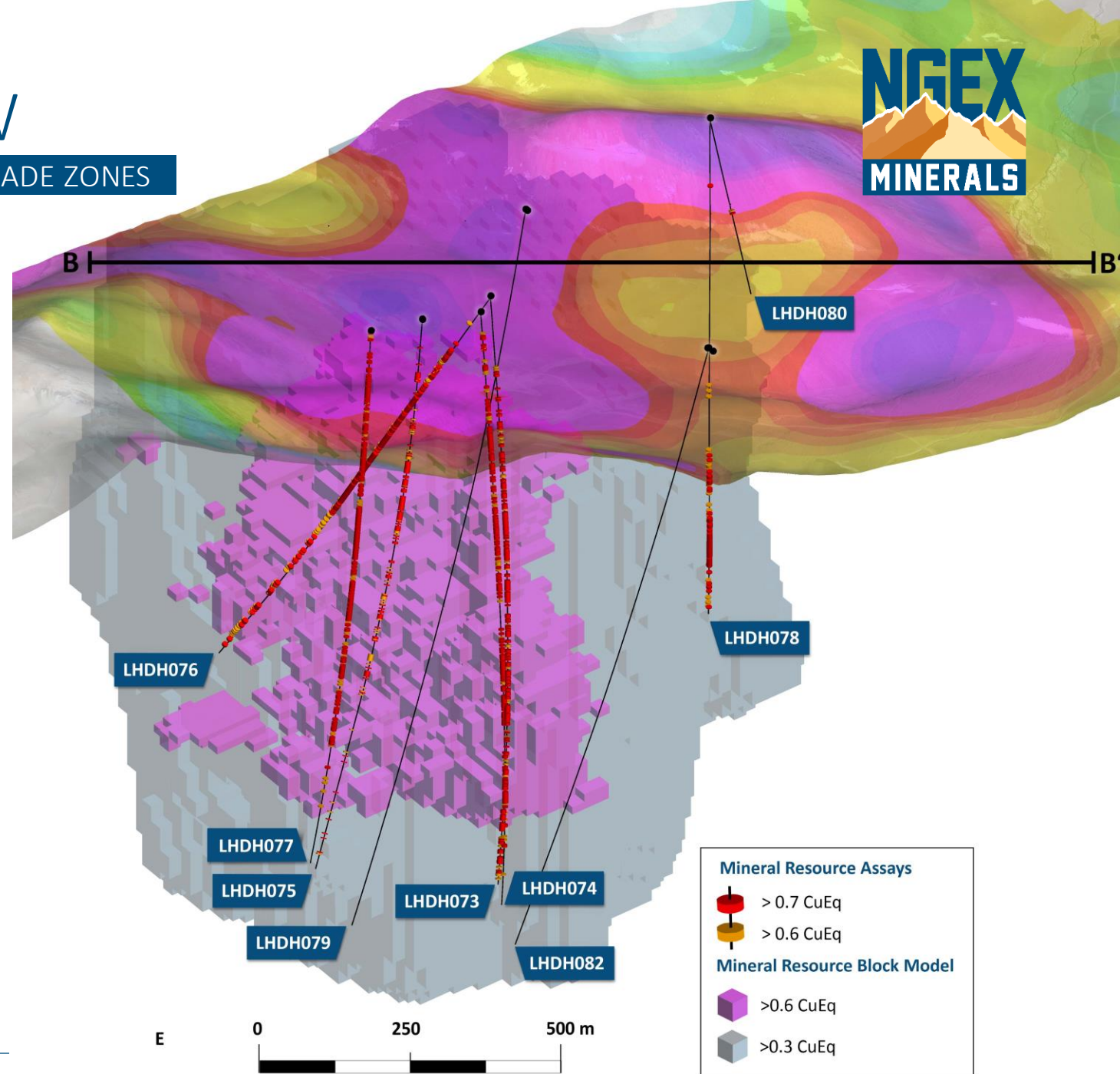
# LOS HELADOS DATA REVIEW

## IDENTIFIED POTENTIAL EXTENSIONS AND NEW HIGH GRADE ZONES

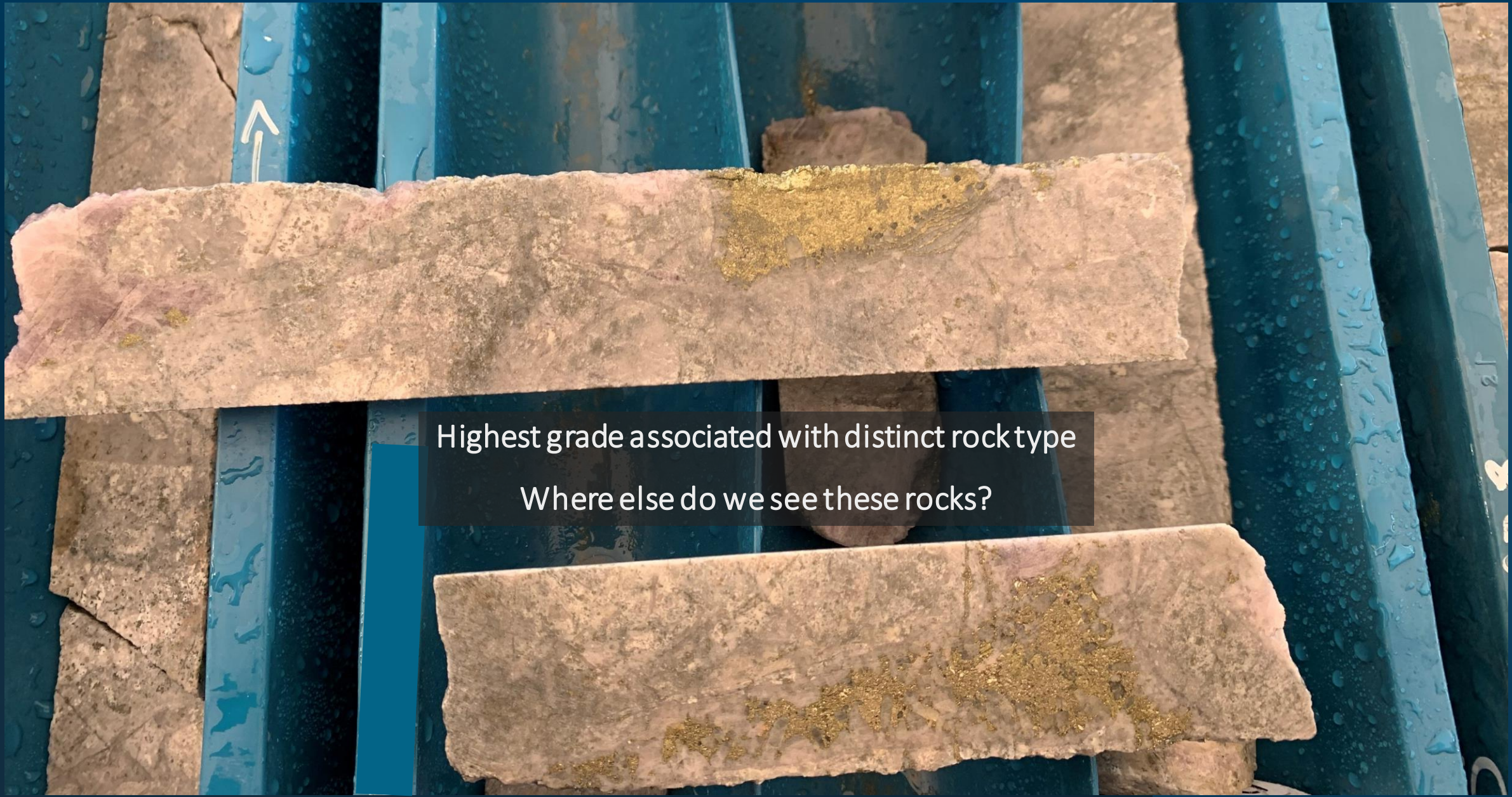


### GEOPHYSICAL SURVEY

- High grade zones appear to correlate to very low resistivities (pink-purple)
- Limited testing to the north of the deposit (LHDH080)







Highest grade associated with distinct rock type  
Where else do we see these rocks?



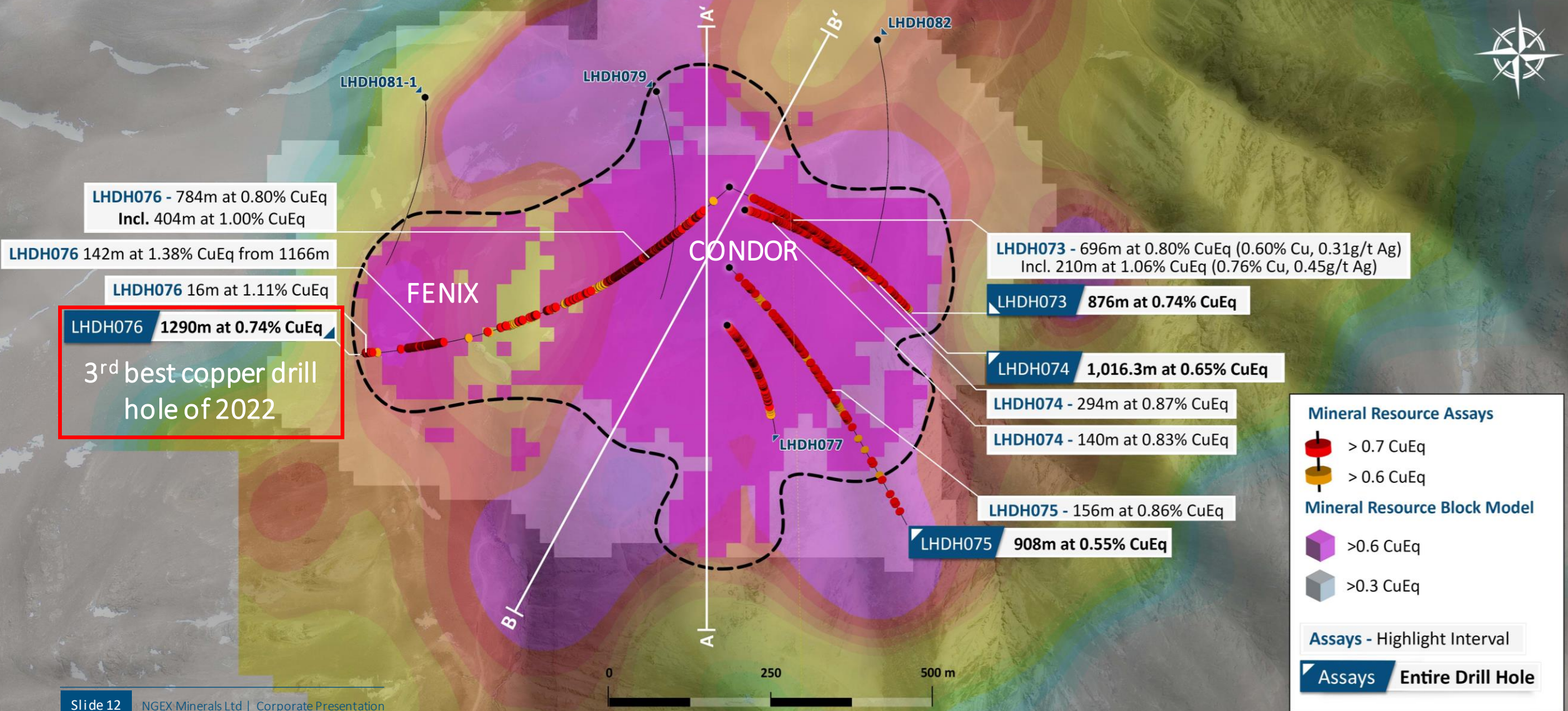
# 2022 DRILLING

HIGHLY SUCCESSFUL TEST OF HIGH GRADE EXPLORATION IDEAS



ALICANTO

LHDH078 - 475m at 0.60% CuEq  
Incl. 100m at 1.2% CuEq



LHDH076 - 784m at 0.80% CuEq  
Incl. 404m at 1.00% CuEq

LHDH076 142m at 1.38% CuEq from 1166m

LHDH076 16m at 1.11% CuEq

LHDH076 1290m at 0.74% CuEq

3<sup>rd</sup> best copper drill hole of 2022

FENIX

CONDOR

LHDH073 - 696m at 0.80% CuEq (0.60% Cu, 0.31g/t Ag)  
Incl. 210m at 1.06% CuEq (0.76% Cu, 0.45g/t Ag)

LHDH073 876m at 0.74% CuEq

LHDH074 1,016.3m at 0.65% CuEq

LHDH074 - 294m at 0.87% CuEq

LHDH074 - 140m at 0.83% CuEq

LHDH075 - 156m at 0.86% CuEq

LHDH075 908m at 0.55% CuEq

### Mineral Resource Assays

- > 0.7 CuEq
- > 0.6 CuEq

### Mineral Resource Block Model

- > 0.6 CuEq
- > 0.3 CuEq

Assays - Highlight Interval

Assays Entire Drill Hole



# SUMMARY OF 2022 DRILLING

POTENTIAL TO ADD TONNES THROUGH EXTENSION OF HIGH-GRADE ZONES



LOOKING W  
A I' ————— I A'

## Holes 73, 74, 75 - Extended Condor Zone

## Hole 76 opens up Fenix-a brand new zone

1,290m at 0.74% CuEq from 110m including:

- 784m at 0.80% CuEq from 138m
- 142m at 1.38% CuEq from 1,166m
- 16m at 1.11% CuEq in the final metres of the hole

## Hole 77 extends Condor Zone

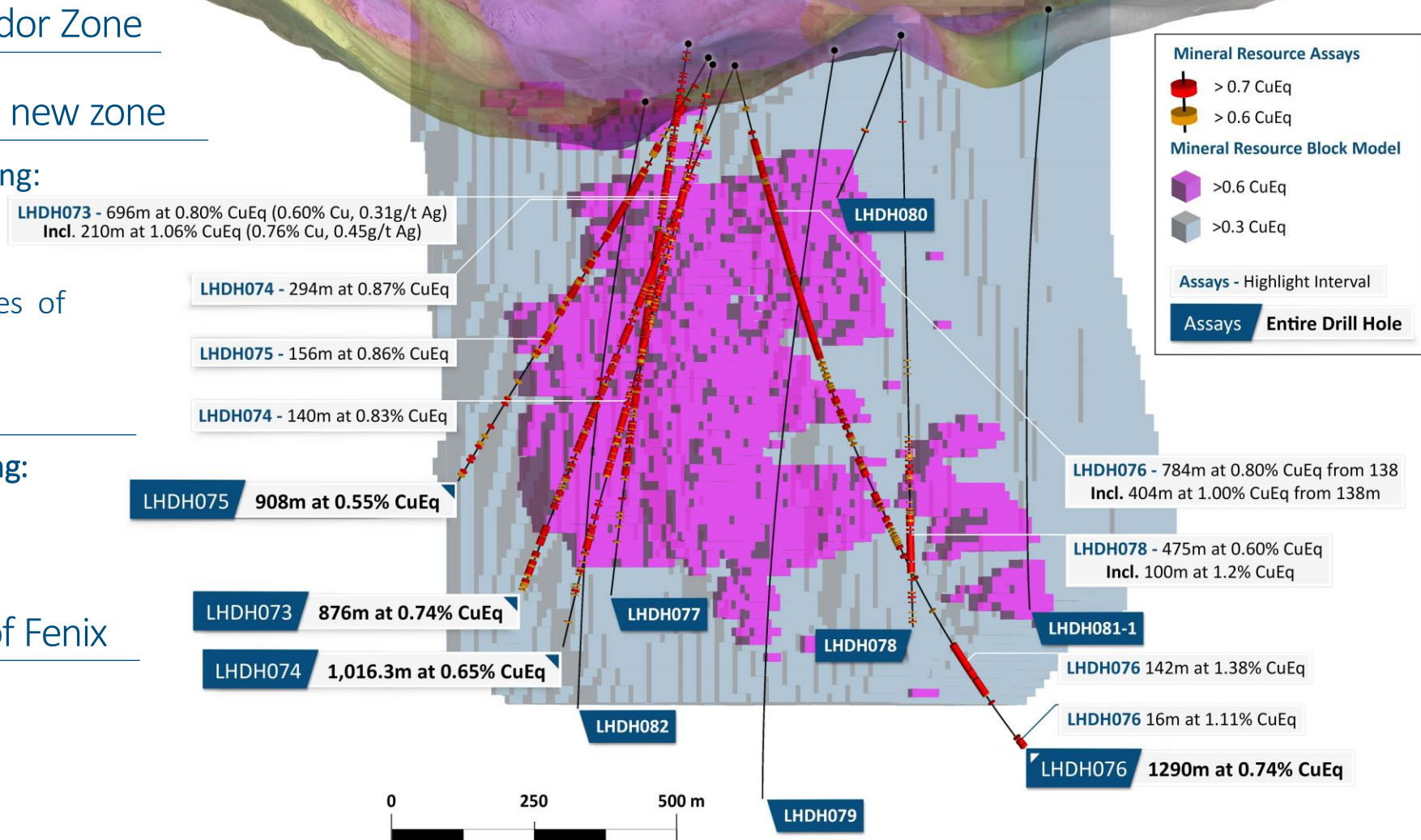
989m @ 0.69% CuEq from surface including:

- 736m at 0.79% CuEq from 42m
- 220m at 0.95% CuEq from 328m

## Hole 78 new zone 900m north of Fenix

474.8m @ 0.61% CuEq including:

- 100m @ 1.20% CuEq from 844m






# LOS HELADOS DRILL PROGRAM – THE QUEST FOR GRADE

## DRILL PROGRAM OBJECTIVES

- Define a higher grade resource amenable to more selective underground mining methods
- Target: +200Mt @ 0.8% CuEq
- Better define existing high-grade zone
- Test possible extensions
- Test new targets identified in data review



# NEXT STEPS

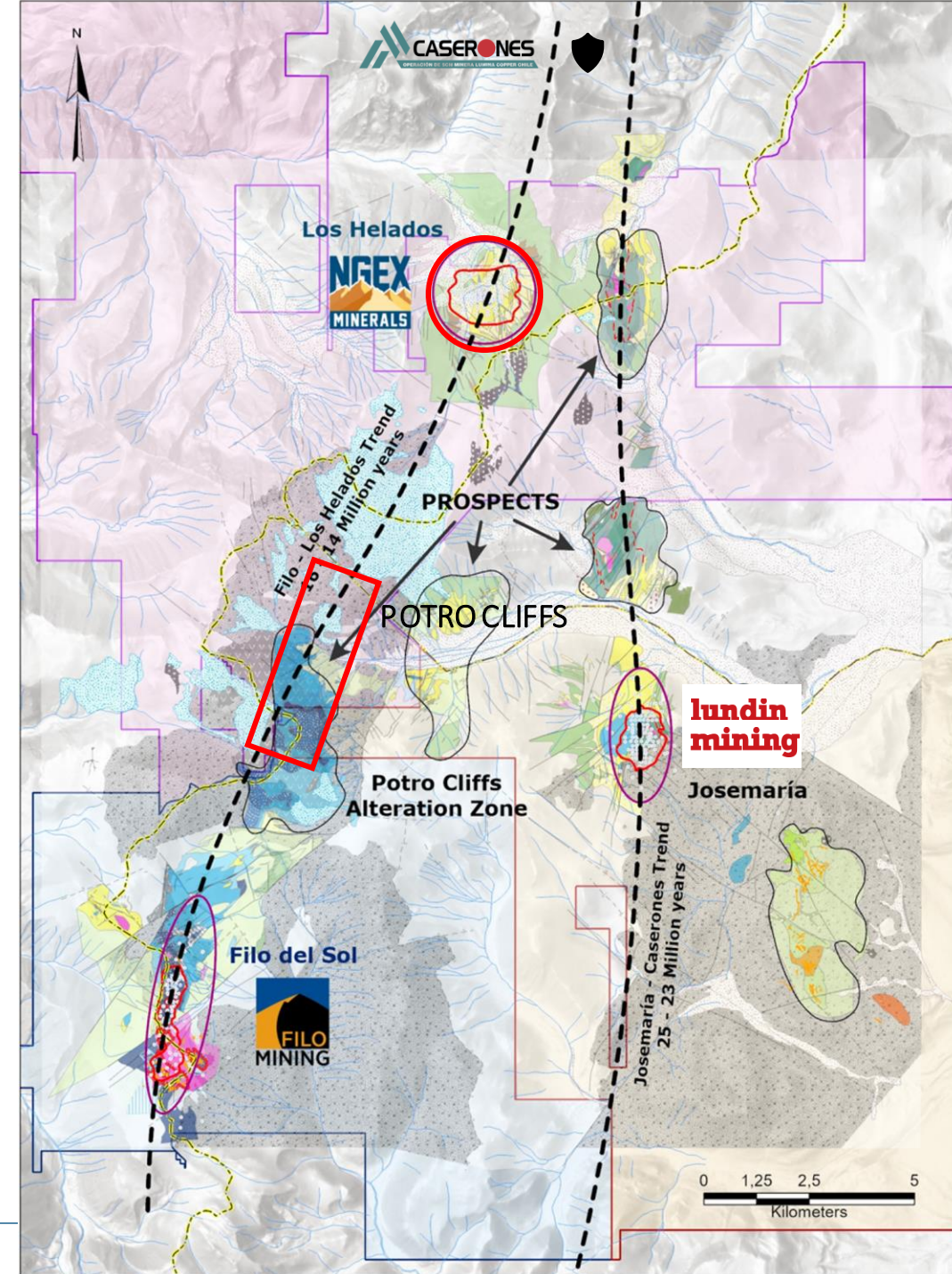
- 
- 
- Helados drilling to resume in October
  - Three holes suspended by onset of winter to be completed this season
  - Drilling to further test and extend Condor, Fenix, and Alicanto zones
  - Get permits for Potro Cliffs; drill



# POTRO CLIFFS – DISCOVERY TARGET

## VICUÑA DISTRICT

- Potro Cliffs lies along the same major northeast-trending structure which controls a series of alteration zones including Filo del Sol (5 km south, along trend)
- One of the largest untested alteration zones in the district
- Topography allows targeting of two levels of the system





# INVESTMENT SUMMARY

- Los Helados is a key strategic resource in an emerging giant district. **High potential brownfields drilling**
- Potro Cliffs is the largest untested target in the Vicuna District
- Valle Ancho is an exciting new exploration play
- 2022/2023 will be news and catalyst rich



**THE RIGHT PROJECTS**  
**THE RIGHT TIME**

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 [@ngex\\_minerals](https://twitter.com/ngex_minerals) | [ngexminerals.com](http://ngexminerals.com)



*A Lundin Group Company*

NO GUTS  
NO GLORY

EXPERIENCED AND SUCCESSFUL EXPLORERS





# VALLE ANCHO – COPPER/GOLD PROJECT



EXPLORATION UPSIDE | MARICUNGA BELT

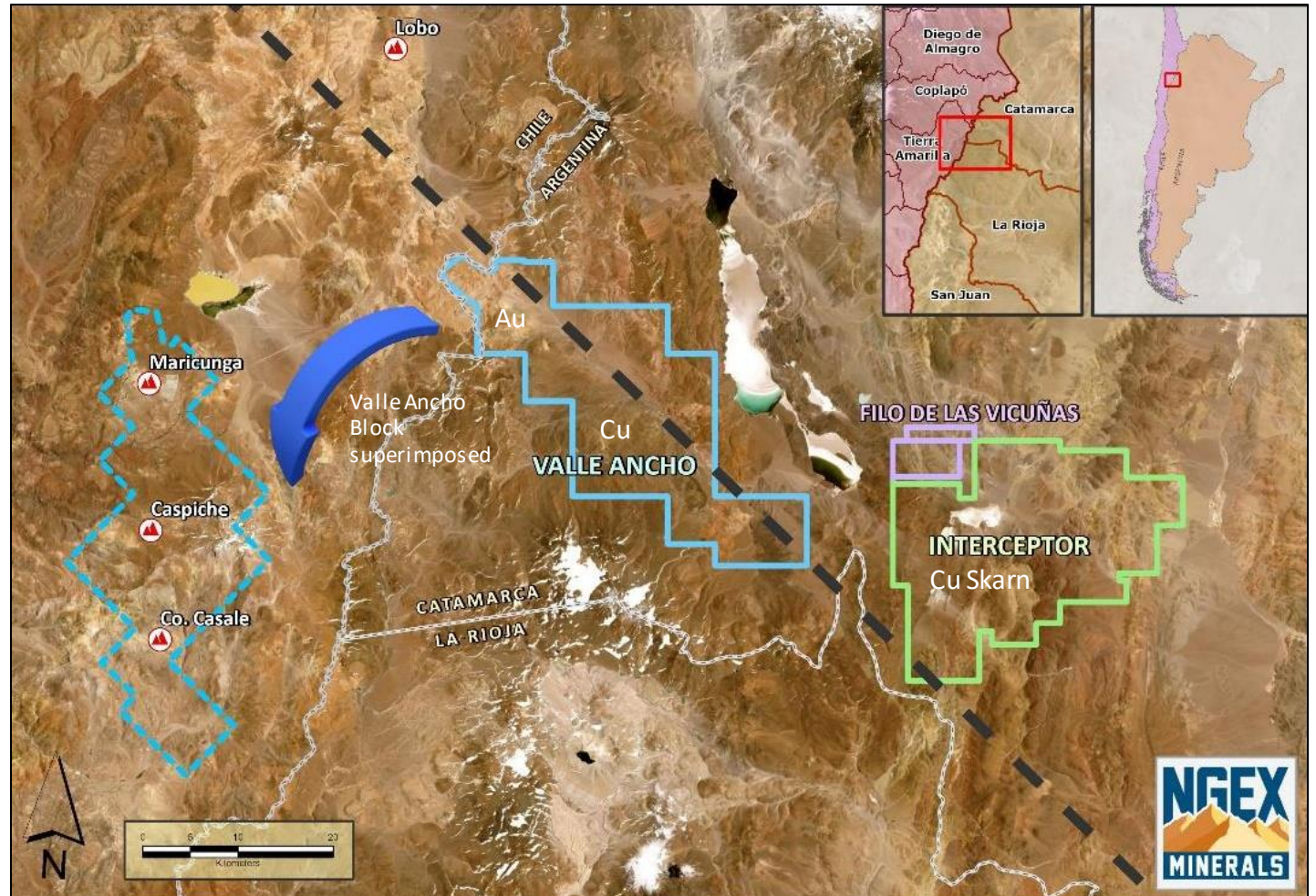
- Underexplored 100,000 Ha land package
- Argentina side of the Maricunga Gold Belt >100Moz on Chile side
- Along the crustal scale Valle Ancho lineament
- Successful 2022 program tested oxide gold and copper-gold potential
- Expect to complete earn-in to 100% by yearend 2022



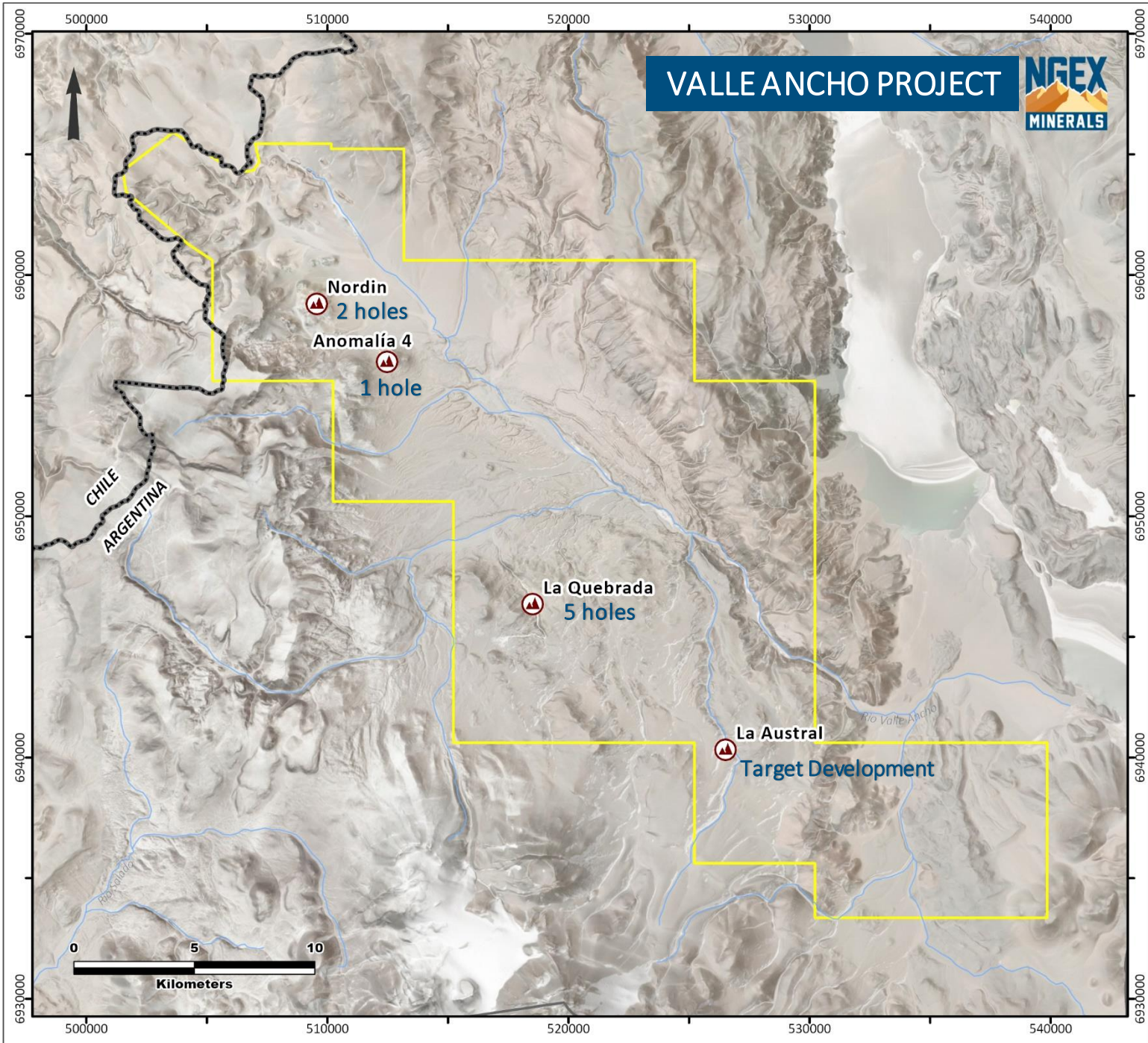
**2022 DRILL PROGRAM**  
8 holes/ 3,060m



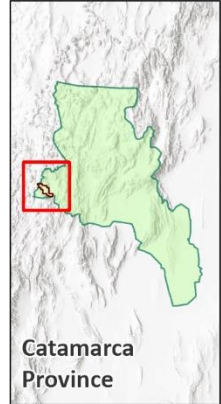
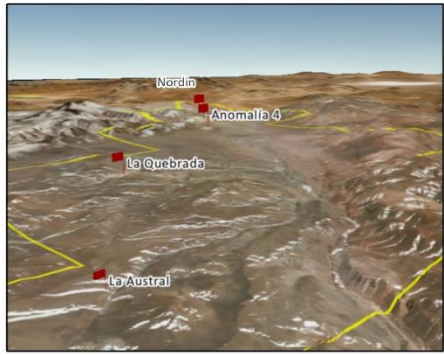
**News Releases**  
February 24, 2022  
May 4, 2022



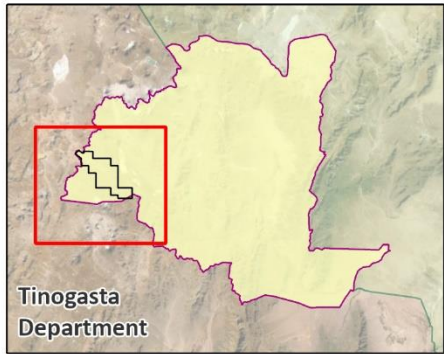




**VALLE ANCHO PROJECT** 



Catamarca Province



Tinogasta Department

**VALLE ANCHO PROJECT**  
LOCATION MAP


Coordinate System:  
 Ellipsoid: WGS1984  
 Reference System WGS84  
 Projection: UTM  
 Zone: 19S





# NORDIN OXIDE GOLD TARGET

VALLE ANCHO PROJECT | MARICUNGA BELT



VAD002 198m @ 0.63 g/t Au;  
including 70m @ 0.94 g/t Au

VADH002  
Az 040/-60  
EOH: 209 mts

VADH001  
Az 220/-60  
EOH: 299 mts

VAD001 150m @ 1.05 g/t Au

# LA QUEBRADA COPPER-GOLD TARGET

VALLE ANCHO PROJECT | MARICUNGA BELT



## Hole VADH003/3A: 596.5m of 0.50% CuEq

596.5m of 0.50% CuEq (0.23% Cu; 0.37 g/t Au; 1.4 g/t Ag) from 4.0m including:

- 104.0m of 0.62% CuEq (0.25% Cu; 0.50 g/t Au; 1.5 g/t Ag) from 6.0m
- Ended in mineralization, with the last 20m averaging 0.50% CuEq (0.23% Cu, 0.36 g/t Au, 1.1 g/t Ag)

## Hole VADH005: 271.0m of 0.32% CuEq

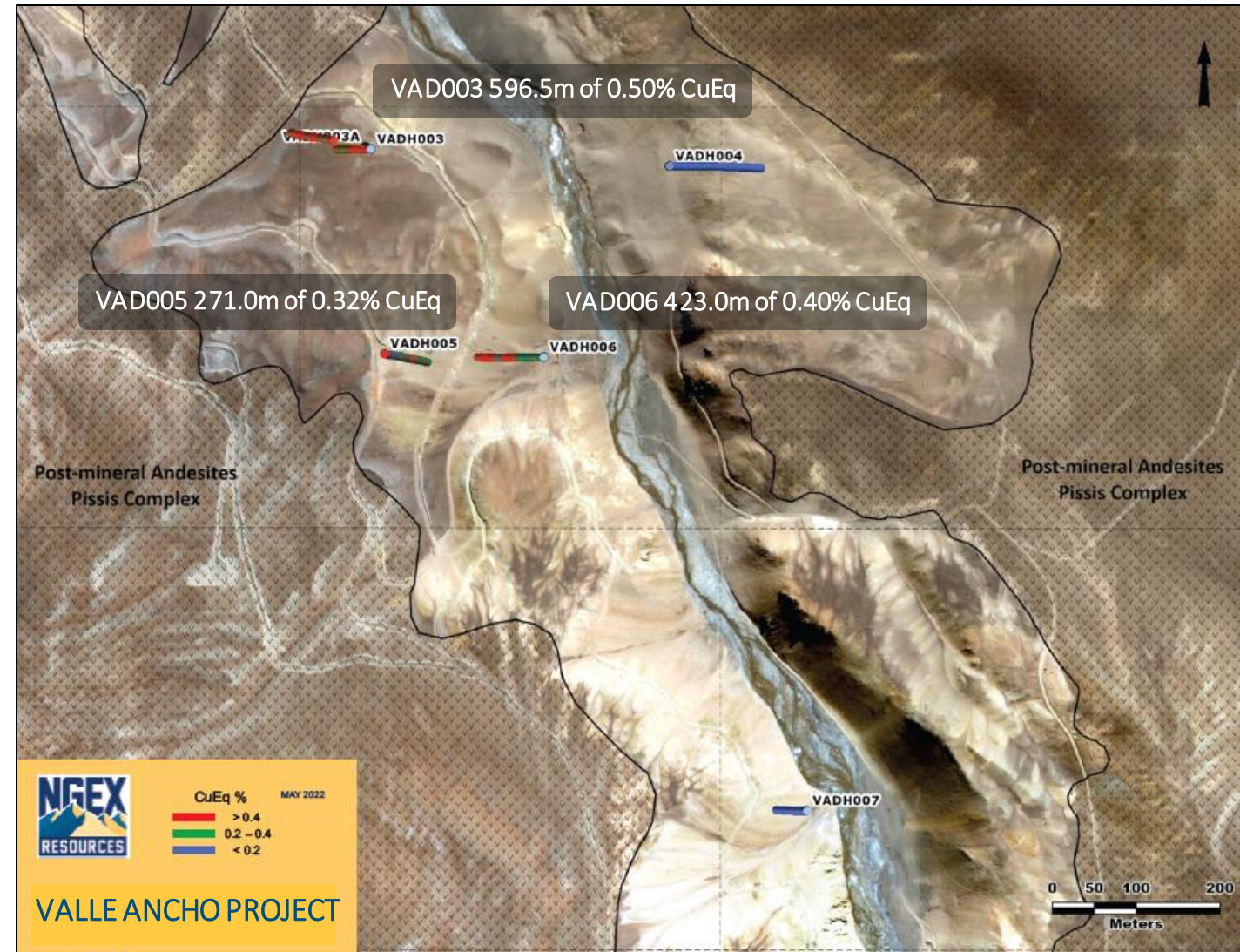
271.0m of 0.32% CuEq (0.12% Cu; 0.26 g/t Au; 1.1 g/t Ag), including:

- 86.0m of 0.40% CuEq (0.15% Cu; 0.33 g/t Au; 1.5 g/t Ag) from 138.0m
- Ended in mineralization, with the last 20m averaging 0.34% CuEq (0.17% Cu, 0.23 g/t Au, 1.2 g/t Ag)

## Hole VADH006: 423.0m of 0.40% CuEq

423.0m of 0.40% CuEq (0.19% Cu; 0.27 g/t Au; 2.2 g/t Ag) including:

- 108m of 0.50% CuEq (0.22% Cu; 0.38 g/t Au; 1.9 g/t Ag) from 162.0m
- 136m of 0.50% CuEq (0.25% Cu; 0.32 g/t Au; 4.2 g/t Ag) from 292.0m
- Ended in mineralization, with the last 20m averaging 0.52% CuEq (0.27% Cu, 0.34 g/t Au, 1.4 g/t Ag)





# PREVIOUSLY RELEASED 2022 LOS HELADOS DRILL HOLES



**LHDH073** 876m at 0.74% CuEq including

- 696m at 0.80% CuEq from a depth of 216m
- 210m at 1.06% CuEq from a depth of 314m

**LHDH074** 1,016.3m at 0.65% CuEq including:

- 294m at 0.87% CuEq from a depth of 210m and
- 140m at 0.83% CuEq from a depth of 606m

**LHDH075** 908m at 0.55% CuEq:

- 156m at 0.86% CuEq from a depth of 222m

**LHDH076** 1290m at 0.74% CuEq including:

- 784m at 0.80% CuEq from 138m
- 404m at 1.00% CuEq from 138m
- 142m at 1.38% CuEq from 1166m
- And 16m at 1.11% CuEq in the final metres of the hole

See News Releases dated April 26, 2022 (LHDH073); May 15, 2022 (LHDH074 & 75); May 24, 2022 (LHDH076) for details

*Copper Equivalent (CuEq) for drill intersections is calculated based on US\$ 3.50/lb Cu, US\$ 1,700/oz Au and US\$ 20/oz Ag, with metallurgical recoveries of 88% for copper, 76% for gold and 60% for silver based on a comprehensive program of metallurgical testwork. The formula is:  $CuEq \% = Cu \% + (0.6117 * Au \text{ g/t}) + (0.0057 * Ag \text{ g/t})$ .*



# PREVIOUSLY RELEASED 2022 LOS HELADOS DRILL HOLES



**LHDH077** 989 at 0.69% CuEq from surface, including:

- 736m at 0.79% CuEq from a depth of 42m, including
- 220m at 0.95% CuEq from a depth of 328m

**LHDH078** 474.8 m at 0.61% CuEq including:

- 100m at 1.20% CuEq from a depth of 844m

See News Releases dated July 6, 2022 (LHDH077); June 12, 2022 (LHDH078) for details

*Copper Equivalent (CuEq) for drill intersections is calculated based on US\$ 3.50/lb Cu, US\$ 1,700/oz Au and US\$ 20/oz Ag, with metallurgical recoveries of 88% for copper, 76% for gold and 60% for silver based on a comprehensive program of metallurgical testwork. The formula is:  $CuEq \% = Cu \% + (0.6117 * Au \text{ g/t}) + (0.0057 * Ag \text{ g/t})$ .*



# LOS HELADOS MINERAL RESOURCE ESTIMATE



Los Helados Indicated Mineral Resource								
Cutoff (CuEq)	Tonnage (million tonnes)	Resource Grade				Contained Metal		
		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								
Cutoff (CuEq)	Tonnage (million tonnes)	Resource Grade				Contained Metal		
		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