

**OPERATIONAL CONTROL**  
**APRIL 2021**



# IMPORTANT INFORMATION

## FORWARD-LOOKING STATEMENTS AND INFORMATION

This report contains forward looking statements and forward-looking information, which are based on assumptions and judgments of management regarding future events and results. Such forward-looking statements and forward-looking information involve known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking statements. Such factors include, among others, the actual market prices of zinc and lead, the actual results of current exploration, the availability of debt and equity financing, the volatility in global financial markets, the actual results of future mining, processing and development activities, receipt of regulatory approvals as and when required and changes in project parameters as plans continue to be evaluated.

Except as required by law or regulation (including the ASX Listing Rules), Consolidated Zinc undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise. Indications of, and guidance or outlook on, future earnings or financial position or performance are also forward-looking statements.

## PRODUCTION TARGETS

Production targets referred to in this report are underpinned by estimated Mineral Resources which have been prepared by competent persons in accordance with the requirements of the JORC Code. The production targets in this report are sourced from both Indicated and Inferred Mineral Resources and it should be noted that there is a low geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target will be realised.

There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised. The stated production target is based on the Company's current expectations of future results or events and should not be solely relied upon by investors when making investment decisions. Further evaluation work and appropriate studies are required to establish sufficient confidence that this target will be met.

## COMPETENT PERSONS' STATEMENT

The information in this report that relates to exploration results, data collection and geological interpretation is based on information compiled by Mr Bradley Marwood BSc, FAusIMM.

Mr Marwood has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves' (JORC Code). Mr Marwood consents to the inclusion in this report of the matters based on their information in the form and context in which it appears.

The information in this report that relates to the Mineral Resources were first reported by the Company in compliance with JORC 2012 in market release dated 29 April 2020.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements referred to above and further confirms that all material assumptions and technical parameters underpinning the ore reserve and mineral resource estimates contained in those market releases continue to apply and have not materially changed.



# CZL CORPORATE OVERVIEW



MLAZ has 1% NSR Royalty on all mineral sales with the former Joint Venture Partner

## CAPITAL STRUCTURE

Share price	A\$0.048
Market Capitalisation	A\$14.1M
Shares on Issue	293,857,802
Quoted Options on Issue	68,118,999
Unquoted Options/Performance Rights	7,783,331
Cash, Receivables & Inventory (31/12/2020)	US\$3.2M
Debt (31/12/2020)	US\$0.1M

## SUBSTANTIAL SHAREHOLDERS

Copulos Group	30%
Chris Retzos	7%

## SHARE REGISTRY

Board/Management	1%
Other	99%

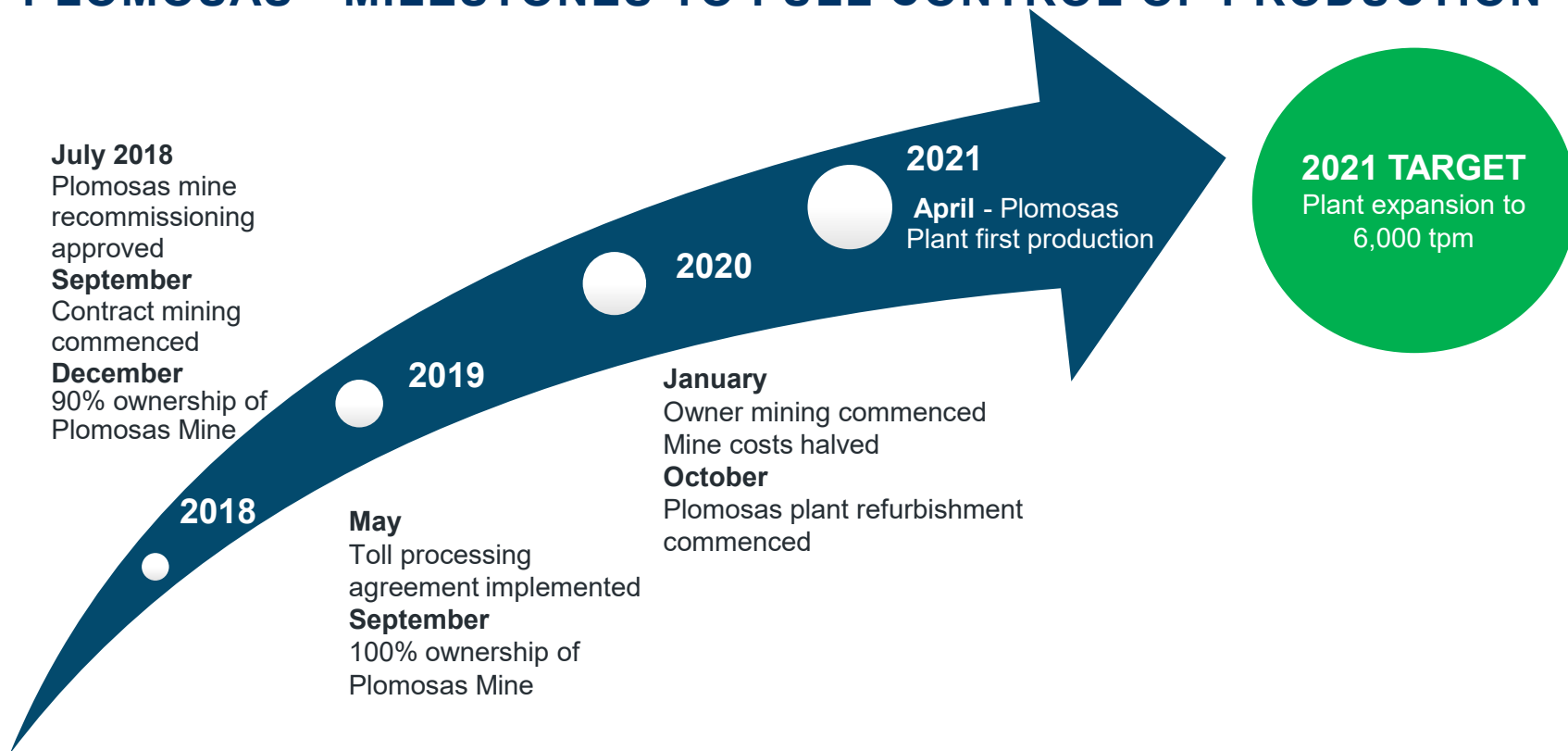


# PLOMOSAS MINE, MEXICO





# PLOMOSAS - MILESTONES TO FULL CONTROL OF PRODUCTION







## PLOMOSAS PLANT REFURBISHMENT COMPLETED

- Plant refurbishment completed within budget
- First production: Thursday afternoon 14 April 2021
- Zinc and lead concentrate looking good ( awaiting confirmation by assays)
- Tailings storage facility operating as expected
- Plant commenced operating at 100tpd, production being ramped up





## PLOMOSAS PLANT – DESIGNED FOR IMPROVED PERFORMANCE

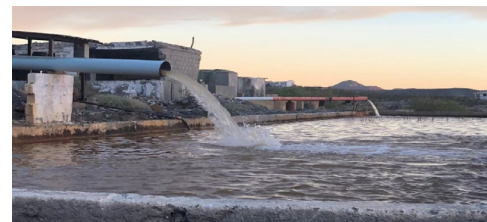
- Fit for purpose design
- Increased residence time for preconditioning and flotation
- Expected Zinc recoveries 75% (Aldama 70%)
- Expected lead recoveries 60% (Aldama 38%) after future installation of shaking tables
- Constant mine water quality stabilises reagent consumption and plant performance
- Mill oversized, targeting 200tpd at <63microns, mill designed for 300tpd
- Installed power 1 MW duty and 1 MW standby to increase plant availability





## PLOMOSAS MINE OPERATIONS

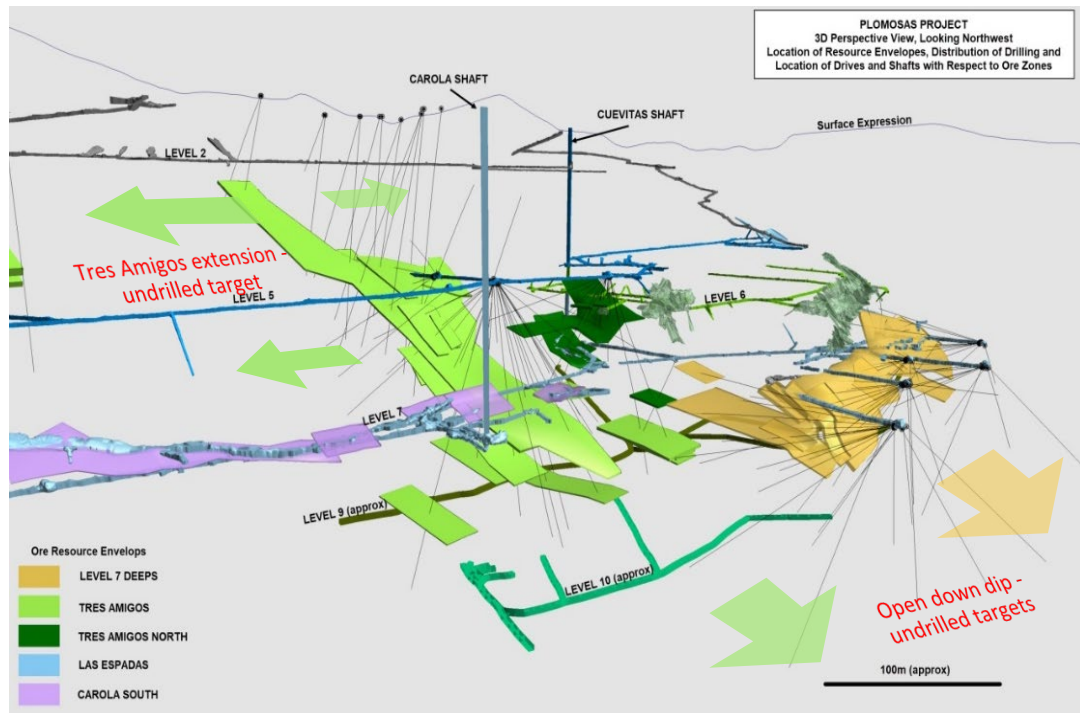
- Current production rates average 100 tpd, targeting 250 tpd
- Current stockpiles exceed 3,000t (~US\$1.2M NRV), plan to reduce by end Q2, 2021
- Pumping rates increased to reach target water level depth by November 2021 maintaining scheduled drawdown
- Mine infrastructure renewed with new pumps ventilation, services, offices and change house completed
- Purchase of updated key mobile mining equipment in progress







# PLOMOSAS MINE PLANNING



L7

Depth extension to L10  
Untested awaits dewatering  
to access for resource definition  
across the mineralised units

TA

Depth extension above L10  
Mineralised block at +25% zinc  
Requires drill testing  
Targeted for mining 2022

CS

Down dip extension hosts a  
Mineralised block at +22% zinc  
pure sulphide  
Targeted for mining 2022

LE

Structural review under way  
may be along strike extension of TA  
after major post depositional fault



# EXPLORATION - BASE METAL AND GOLD

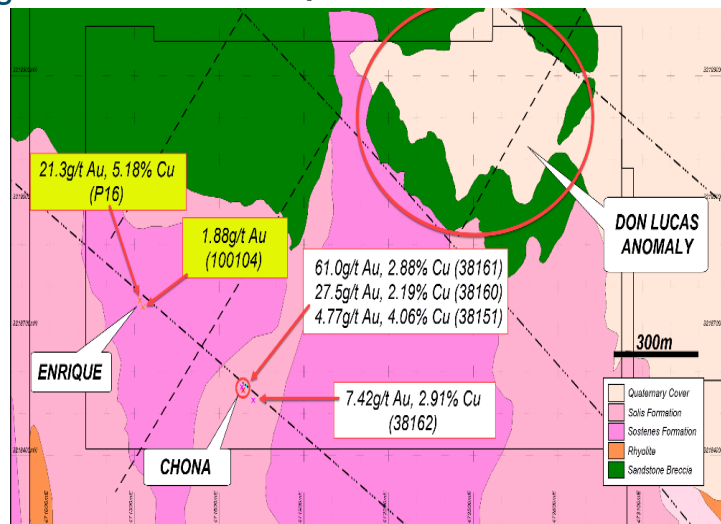
## Base Metal Exploration

- Recent surface mapping has resulted in a rethink of the orientation of the base metals north of the current mineralised blocks
- Targets generated along strike and down dip
- Exploration planned for 2021 to replace depleted resources and test north extension

## Gold Exploration

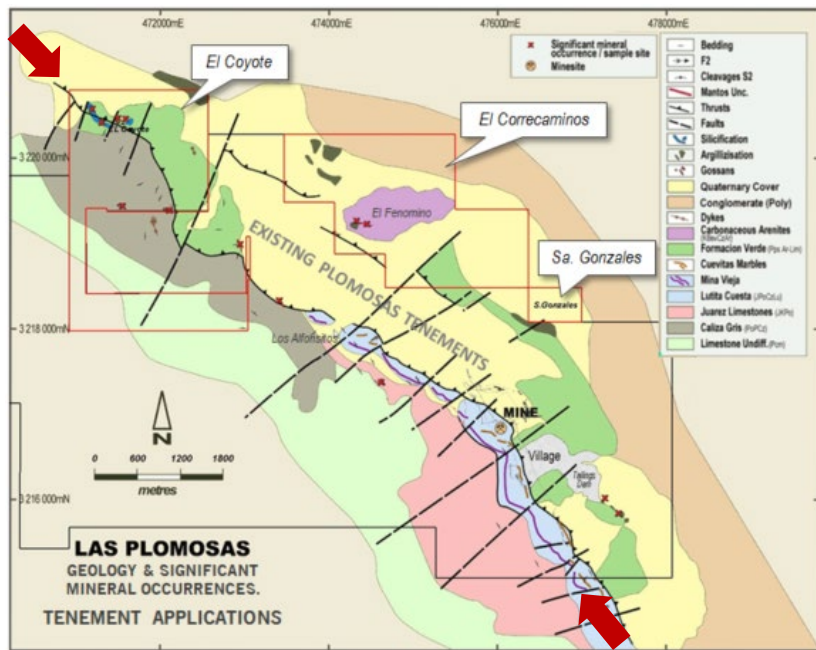
- Primary targets Enrique & Chona, assays pending
- Structural continuity of the Enrique-Chona mineralisation mapped for 2km to NE.
- Surface sampling in 2021 will define potential

## Gold exploration sites

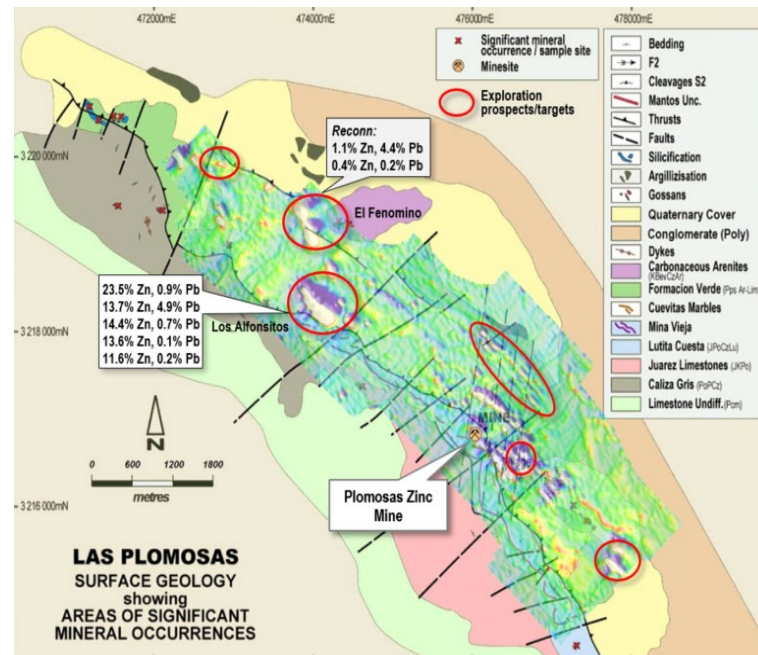




# MINE SEQUENCE BASE METAL EXPLORATION TARGETS



STRATIGRAPHY OF MINE MINERALISED SEQUENCE  
(BLUE SHOWS IDENTIFIED CARBONATE UNITS)



MINE SEQUENCE WITHIN TENEMENTS SHOWING PROSPECTIVE STRATIGRAPHY, STRUCTURES AND TARGETS.



# JORC (2012) MINERAL RESOURCE AS DEPLETED DECEMBER 2020

Prospect	Indicated Mineral Resource						
	Tonnes	%Zn	%Pb	g/t Ag	Zn tonnes	Pb tonnes	Ag oz
Level 7	72,000	19.4	9.3	57.0	14,000	6,700	132,600
Tres Amigos	42,000	7.7	2.3	12.0	3,300	1,000	16,200
Tres Amigos North	38,000	7.8	3.6	13.1	2,900	1,400	15,800
<b>Sub Total</b>	<b>152,000</b>	<b>13.3</b>	<b>6.0</b>	<b>33.6</b>	<b>20,200</b>	<b>9,100</b>	<b>164,600</b>
	Inferred Mineral Resource						
	Tonnes	%Zn	%Pb	g/t Ag	Zn tonnes	Pb tonnes	Ag oz
Level 7	136,000	13.2	6.1	30.9	17,900	8,300	134,800
Tres Amigos	439,000	14.0	1.2	11.6	61,600	5,300	163,100
Tres Amigos North	78,000	10.1	3.6	16.7	7,900	4,200	41,800
Carola	59,000	11.5	5.1	31.4	6,800	3,000	59,500
Las Espadas	77,000	10.5	4.2	14.8	8,000	3,200	41,800
<b>Sub Total</b>	<b>788,000</b>	<b>13.0</b>	<b>2.9</b>	<b>17.2</b>	<b>102,100</b>	<b>22,700</b>	<b>435,500</b>
	Total Mineral Resource						
	Tonnage	Zn	Pb	Ag	Zn	Pb	Ag
Level 7	208,000	15.3	7.2	39.9	31,900	15,100	267,300
Tres Amigos	481,000	13.5	1.3	11.6	64,800	6,300	179,300
Tres Amigos North	116,000	9.4	3.6	15.5	10,800	4,200	57,600
Carola	59,000	11.5	5.1	31.4	6,800	3,000	59,500
Las Espadas	77,000	9.4	3.6	14.8	8,000	3,200	36,400
<b>Total</b>	<b>941,000</b>	<b>13.0</b>	<b>3.4</b>	<b>19.9</b>	<b>122,300</b>	<b>31,700</b>	<b>600,200</b>

**February 2021  
Mineral Resource  
Estimate (3% Zn  
Cut-off)**

Refer to ASX announcement dated 18 March 2021 for full details.



# SOCIAL RESPONSIBILITY IN ACTION



Providing water to long-term residents in Chihuahua Desert



Assisting with waste management for local community Falomir



Maintaining the access road



Sustainable projects with Falomir mayor



Supporting local ranchers

**CZL IS WORKING WITH LOCAL GOVERNMENT TO BENEFIT THE COMMUNITY**





