



CONSOLIDATED ZINC LTD

PLOMOSAS MINE DELIVERS

SYDNEY MINING CLUB

September 2019



CZL has commenced commercial operations at Plomosas Mine the highest grade zinc mine on ASX



CZL is a proven explorer & developer and operator



Plomosas Mine exploration potential to support a larger operation



Strategy to delineate sufficient mineral resources to support a 500ktpa concentrator



Significant holder of ground in under-explored district



Aggressive exploration program and development in 2020 >US\$2M

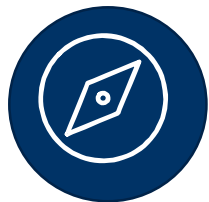


PLOMOSAS MINE TODAY



- Plant expansion – commissioning
- Doubling output – Q3, 2019
- Exploiting >20% Zn Eq over next 12 months
- Free cash being generated, margin 35c/lb

THE LONGER VIEW



- Stage 1:
- Targeting 500,000 tonnes zinc discovery 2020
- DFS planned targeting 50,000 tpa zinc concentrate completed 2021



CORPORATE OVERVIEW



100%

CONSOLIDATED ZINC LTD



MINERA LATIN
AMERICA
ZINC (MLAZ)



100%

OWNER OF
PLOMOSAS PROJECT

CZL has entered into a binding agreement to acquire Retec Guarú 10% interest in exchange for a 1% NSR Royalty on Zinc and Lead concentrate sales

CAPITAL STRUCTURE

Share price	A\$0.013
Market Capitalisation	A\$17.6M
Shares on Issue	1,353,342,190
Options on Issue	103,283,882
Performance Rights	138,500,000
Cash & Accounts Receivable (30/06/19)	US\$1.5M approx
Debt & Con Notes (31/08/19)	US\$1.326M

SUBSTANTIAL SHAREHOLDERS

Copulos Group	29.5%
Chris Retzos	9%
Farjoy Pty Ltd	5%
Retec Guarú	4%

SHARE REGISTRY

Board/Management	30%
Other	70%





DIRECTORS AND MANAGEMENT

LED BY A TEAM OF HIGHLY SUCCESSFUL, EXPERIENCED MINING PROFESSIONALS

CHAIRMAN Mr Stephen Copulos

- More than 35 years' experience in business and investments
- 20 years experience as a company Director of both listed and unlisted entities
- Successful businessman with history of performance in Mining and other business sectors.

MANAGING DIRECTOR Mr Brad Marwood

- Mining Engineer with over 30 years' experience developing mines globally
- Grown ASX junior explorers to ASX 200 listed production companies
- Specialist in large scale open cut and small scale underground mines in base metal and precious metals
- Served with public companies for the past 20 years.

EXECUTIVE DIRECTOR Mr Andrew Richards

- Over 30 years' experience geologist in exploration, mine production, corporate management and project finance with an international bank
- Andrew has extensive international experience and has been on the boards of several unlisted and listed companies on the ASX and AIM.

NON-EXECUTIVE DIRECTOR Ms Angela Pankhurst

- 20 years experience as executive and non-executive director with a background in corporate governance, accounting and business management
- Angela is Managing Director of MerGen Biopharma Limited, and a Director of PanTerra Gold Limited and Imritec Limited
- Expertise in transitioning explorers to miners in numerous countries.

CHIEF FINANCIAL OFFICER / COMPANY SECRETARY Mr Anthony Italiano

- A Chartered Accountant with more than 15 years' corporate experience across senior finance roles in the resources sector
- Anthony has experience internationally in corporate governance, operations, financing, commodity marketing and trading
- Extensive experience in transitioning junior explorers to producers.

EXPLORATION MANAGER Mr Steve Boda

- 20 years' experience in exploration and occupied senior management roles with mining and exploration in Australia, China, SE Asia and Zambia
- A track record in using structural geology to target economic mineralisation across a variety of commodities and estimation of JORC Resources.



PLOMOSAS MINE, MEXICO





PLOMOSAS MINE – HISTORY TO DATE

+2Mt

+2M tonnes grading 22% Zn+Pb mined by ASARCO between 1945 and 1974 mined at **15.6% Zn, 7.8% Pb and 60 g/t Ag**



Historically high quality concentrates – high demand



Extensive system of underground access drives and shafts - immediate access for exploration and production



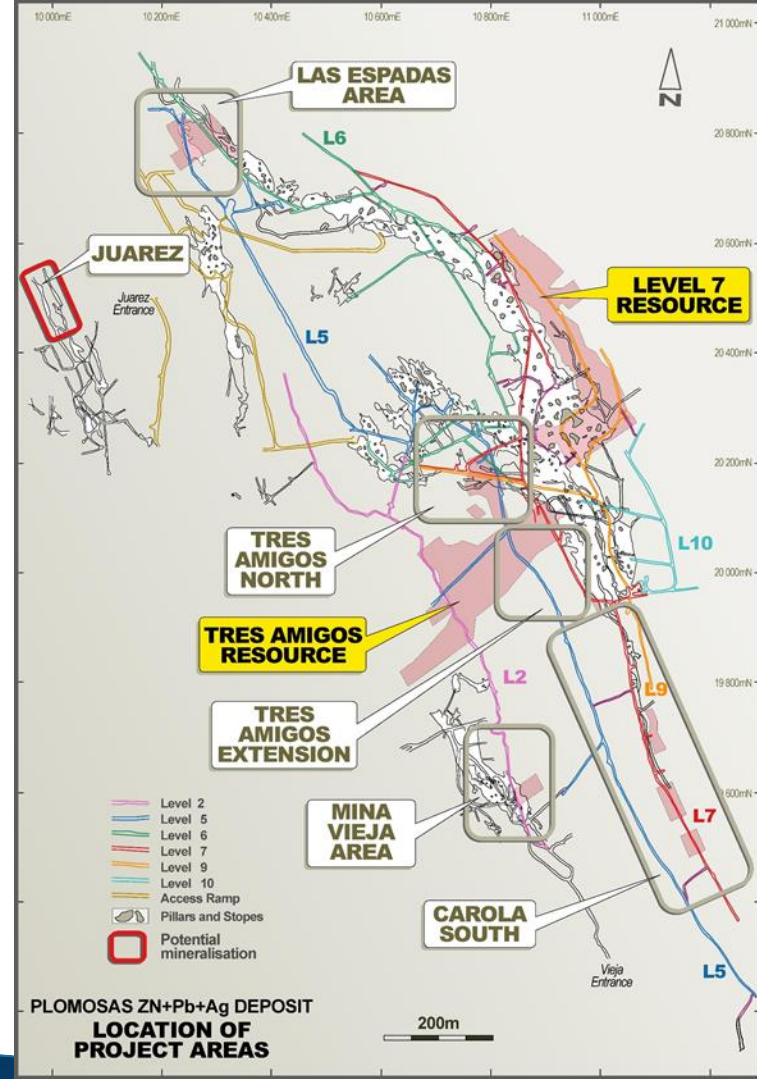
First systematic exploration and drill out by CZL in 2016-18



JORC Resource of **1.17Mt @14.3% Zn, 2.63% Pb, 17g/t Ag** - 31 December 2018

09/18

CZL commenced mining September 2018





RAMPING UP HIGH-GRADE, LOW-COST PRODUCTION



CZL is a growth stock operating one of the world's highest grade zinc mines in Chihuahua, Mexico (> 22% Zn Eq)

100%

CZL achieved 100% ownership in Plomosas Mine in 2H, 2019



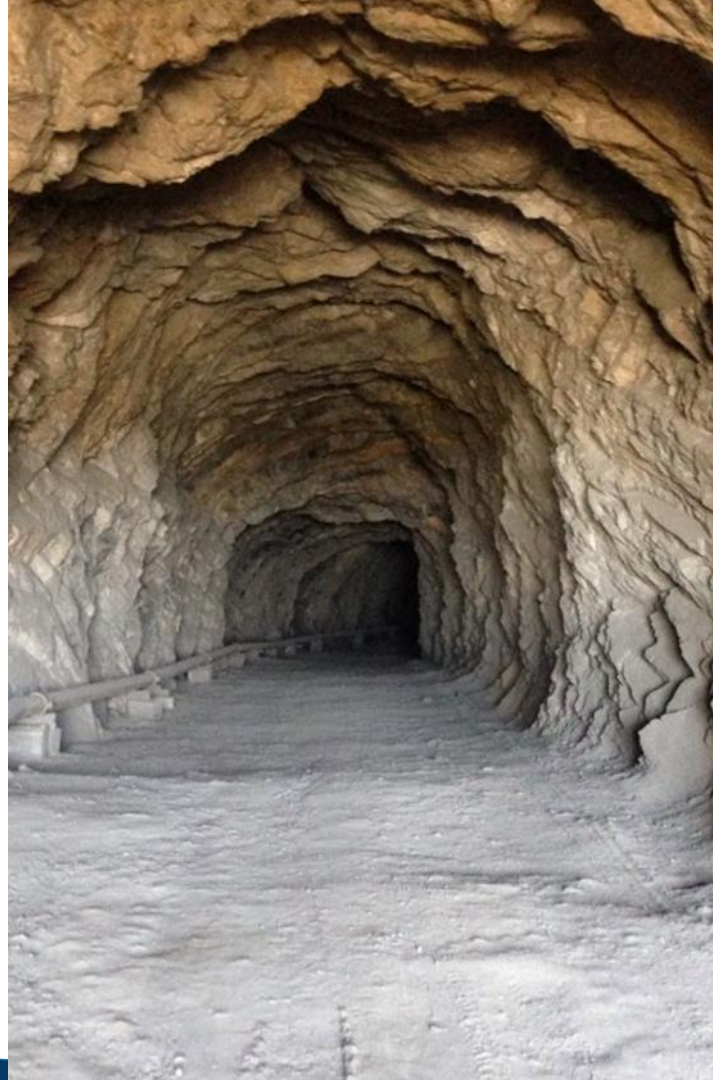
Commenced mining in September 2018 with production planned to ramp up through 2019 and 2020



Toll treating through nearby Aldama plant – upgrading process to improve treatment of high grade Semi-oxide (SOX) ore.



Established relationship and treatment/offtake contracts in Mexico





STAGE ONE PRODUCTION – COMMENCED SEPT 2018



STAGE 1: INITIAL PRODUCTION – RAMPING UP IN 2019

Mining started at
Tres Amigos,
Level 5

Schedule: 445,518t
at 14.3% Zn, 2.61%
Pb, 17 g/t Ag

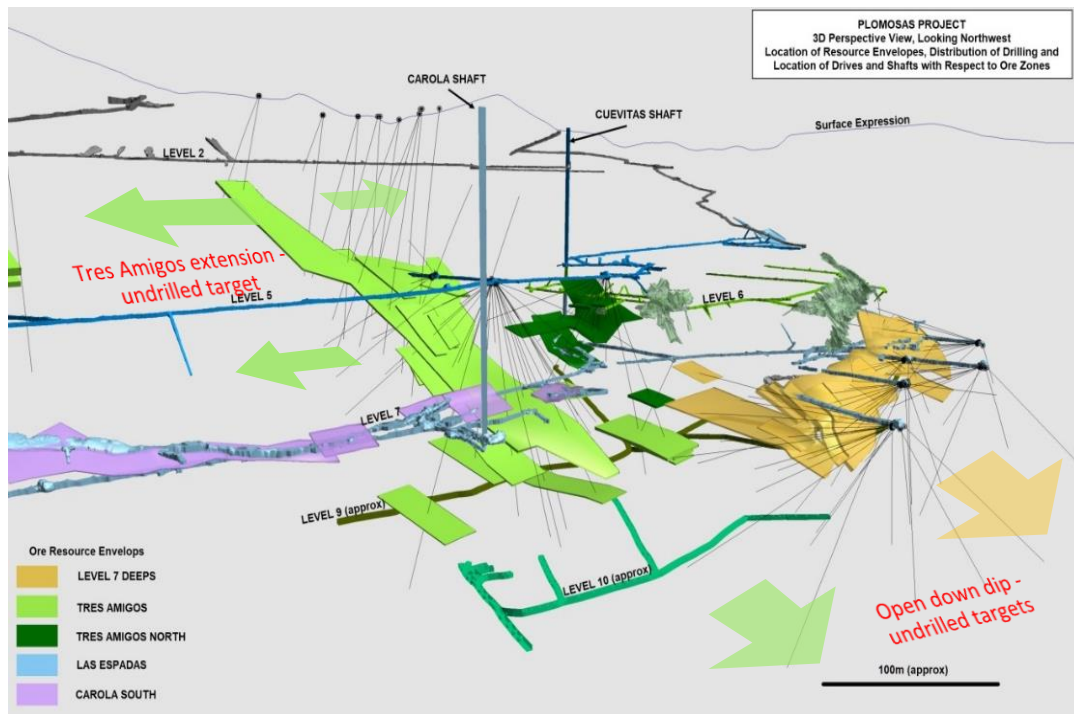
Room & Pillar mining
via decline haulage
until shaft refurbished

Producing 4,000tpm
ramping up to
6,000t/month end
2019

Processing and Offtake
Agreement in place until
2022



PLOMOSAS MINE LAYOUT



360m

Extensive underground access to 360 metres below surface (mbs) - in good condition for mining and exploration drilling



Initial haulage via decline, shaft to be refurbished



Stoping progressing on Tres Amigos ore from Level 5: 3 stopes, Level 7: 4 stopes and SOX from Level 7



Decline bypass completed



Decline extension to 972mRL completed, stope development completed



JORC (2012) MINERAL RESOURCE AS DEPLETED DECEMBER 2018

Prospect	Indicated Mineral Resource						
	Tonnes	%Zn	%Pb	g/t Ag	Zn tonnes	Pb tonnes	Ag oz
Level 7	107,000	18.5	8.6	55.1	19,900	9,300	190,300
Tres Amigos	97,000	12.5	1.8	15.9	12,000	1,800	49,400
Tres Amigos North	38,000	8.4	4.0	13.6	3,200	1,500	16,700
Sub Total	242,000	14.5	5.2	32.9	35,100	12,500	256,400
	Inferred Mineral Resource						
	Tonnes	%Zn	%Pb	g/t Ag	Zn tonnes	Pb tonnes	Ag oz
Level 7	212,000	10.9	5.0	32.3	23,100	10,600	220,000
Tres Amigos	507,000	12.9	1.9	13.4	65,400	9,600	218,300
Tres Amigos North	79,000	9.5	3.6	17.9	7,500	2,900	45,600
Carola	59,000	11.6	5.2	33.6	6,900	3,100	63,900
Las Espadas	79,000	11.7	5.0	14.3	9,200	3,900	36,200
Sub Total	935,000	12.0	3.2	19.4	112,100	30,000	584,000
	Total Mineral Resource						
	Tonnage	Zn	Pb	Ag	Zn	Pb	Ag
Level 7	319,000	13.5	6.2	40.0	43,000	19,900	410,300
Tres Amigos	603,000	12.8	1.9	13.8	77,400	11,400	267,700
Tres Amigos North	117,000	9.1	3.7	16.5	10,700	4,400	62,300
Carola	59,000	11.6	5.2	33.6	6,900	3,100	63,900
Las Espadas	79,000	11.7	5.0	14.3	9,200	3,900	36,200
Total	1,178,000	12.5	3.6	22.2	147,100	42,600	840,400

**December 2018
Mineral Resource
Estimate (3% Zn
Cut-off)**

IMMEDIATE EXPLORATION UPSIDE POTENTIAL

7KM UNEXPLORED MINE SEQUENCE WITHIN CURRENT LEASES





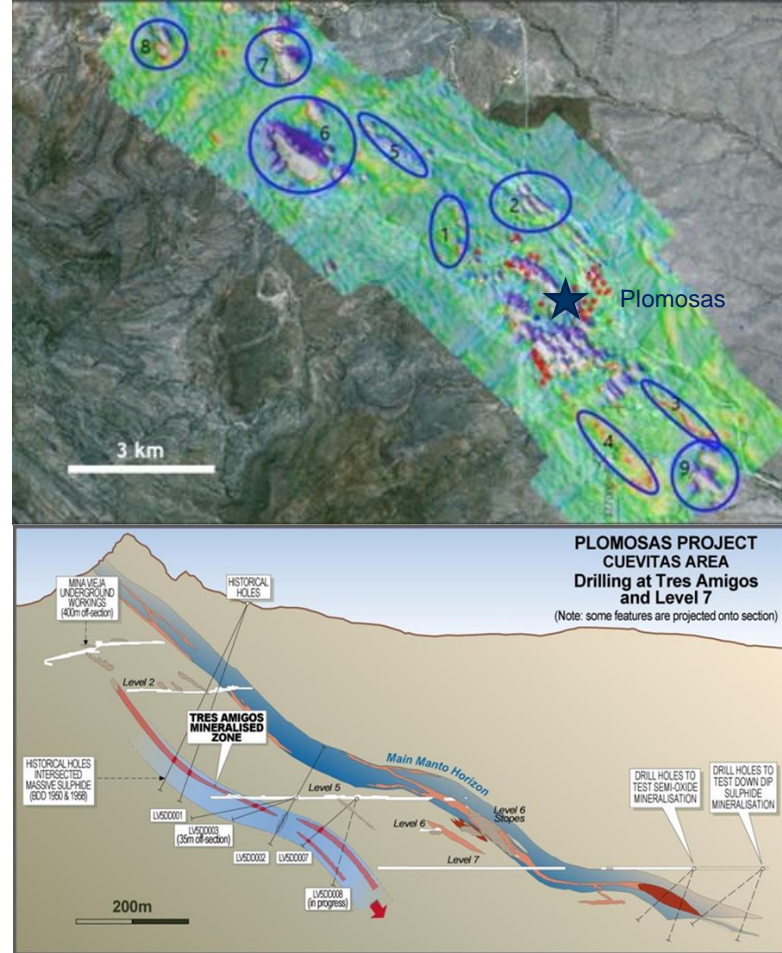
RESOURCE FOCUS – LONGER VIEW MINE LIFE

HIGHLY PROSPECTIVE TARGETS DEFINED WITHIN IMMEDIATE MINE AREA

- Prospective sequence is 4,000m along strike and 900m down dip
- Only partially drilled within 600m strike and ~400m down dip
- Underground access is available for drilling along the 4km of strike
- Require follow up drilling from available underground access

REGIONAL EXPLORATION POTENTIAL CONFIRMED BY RECENT SUCCESSFUL MAPPING WITH PROSPECTS DEFINED

- 7km of mineralised sequence largely undrilled and underexplored





SOCIAL RESPONSIBILITY

CZL HAS UNDERTAKEN ACTIVITIES IN:



Providing water to long-term residents in the 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





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 Andrew Richards BSc (Hons), Dip Ed, MAusIMM, MAIG, MSEG, GAICD who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Institute of Geoscientists (AIG). Mr Richards 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 a 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 Richards consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Mr Bradley Marwood BE Mining, FAusIMM, GAICD has sufficient experience that is relevant to the style and type of deposit under consideration and the activity that is being undertaken to qualify as a Competent Person with respect to mining activities under the 2012 JORC Code.

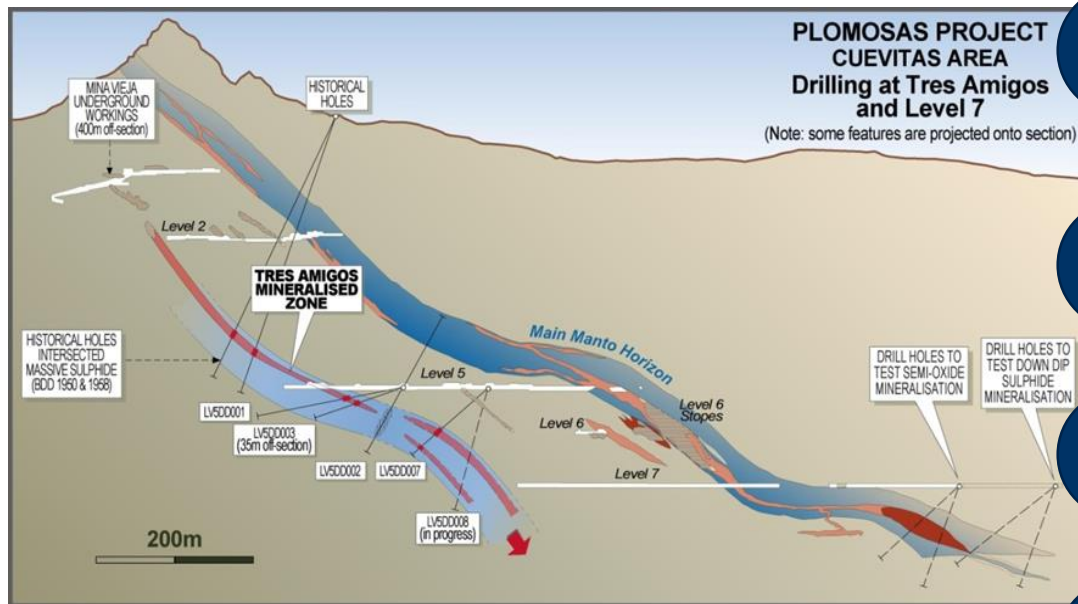


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APPENDIX

Geology and mineralisation
Tenement holdings
Exploration upside & Targets

PLOMOSAS GEOLOGY & MINERALISATION



**GENERALISED CROSS SECTION THROUGH PLOMOSAS
SHOWING MULTIPLE LIMESTONE RICH UNITS AND PINCH
AND SWELL OF THE OREBODIES**

✓

Zinc and lead sulphide **mineralisation is contained within carbonate-rich units** such as limestones and marbles within a large basinal sedimentary sequence.

✓

Mineralisation preferentially replaces the carbonate so **multiple stacked limestone sequences are highly prospective** for Zn, Pb and Ag, especially where cross-cutting structure can provide plumbing pathways.

✓

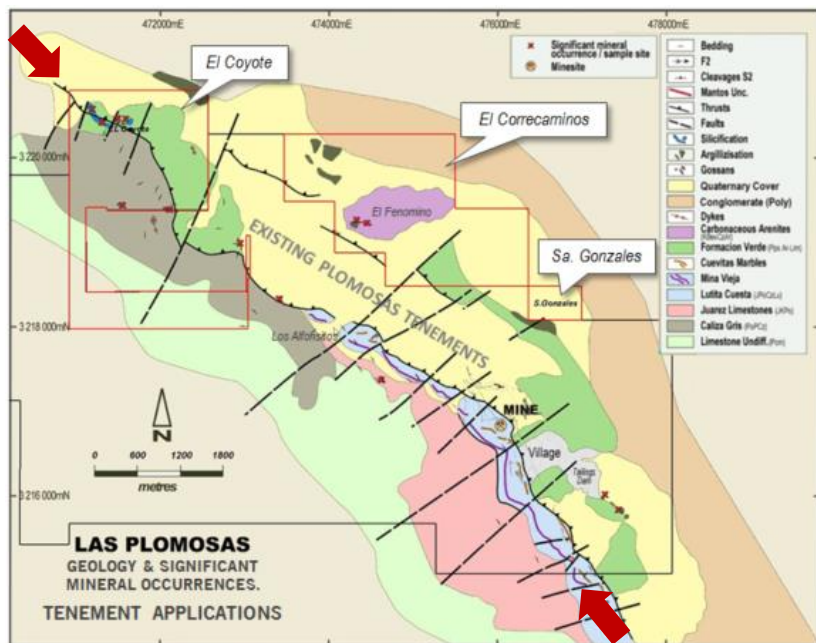
The **cross-cutting structures** along which mineralised fluids migrate between limestone units are also prospective.

✓

Flexures in the stratigraphy seems to **influence the thickness of the mineralisation** and some pinching and swelling can occur.

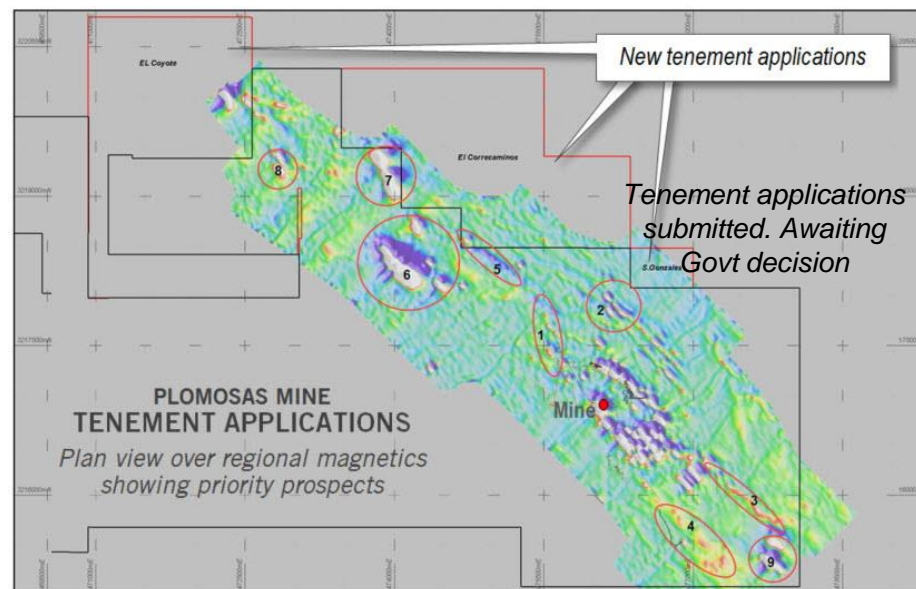


MINE SEQUENCE MINERALISED TARGETS



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

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





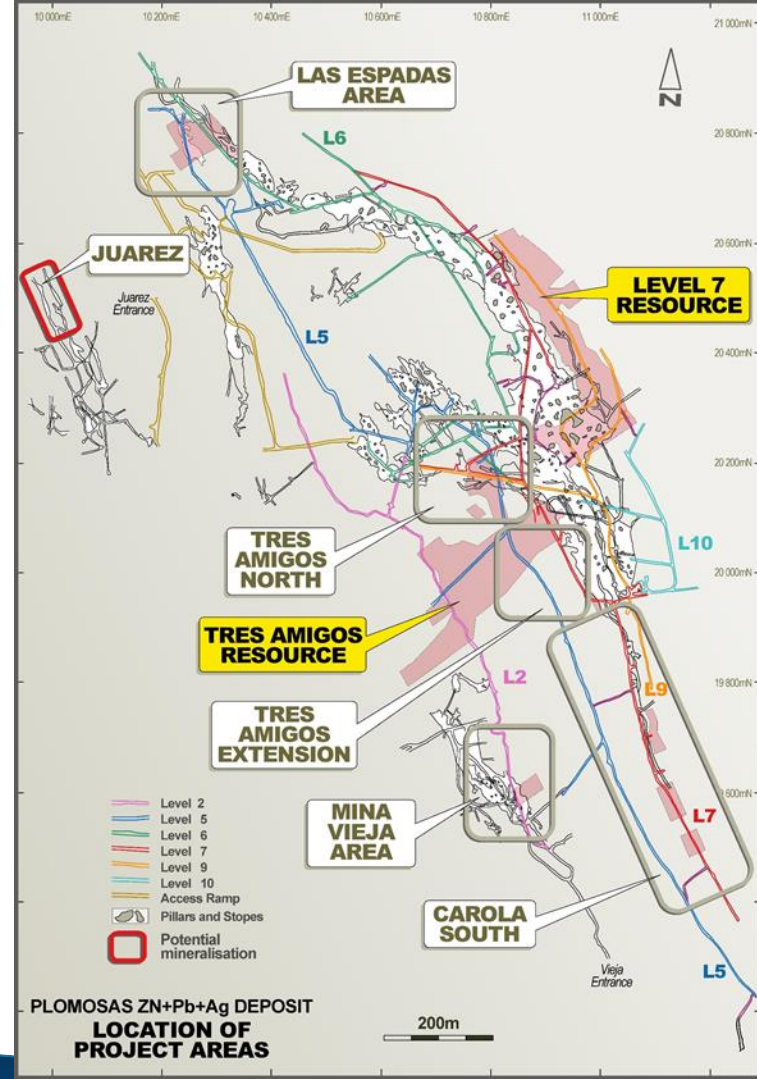
UNDEREXPLORED MINE AREA

FIRST 5 PRIORITY TARGET AREAS IDENTIFIED WITHIN MINE AREA:

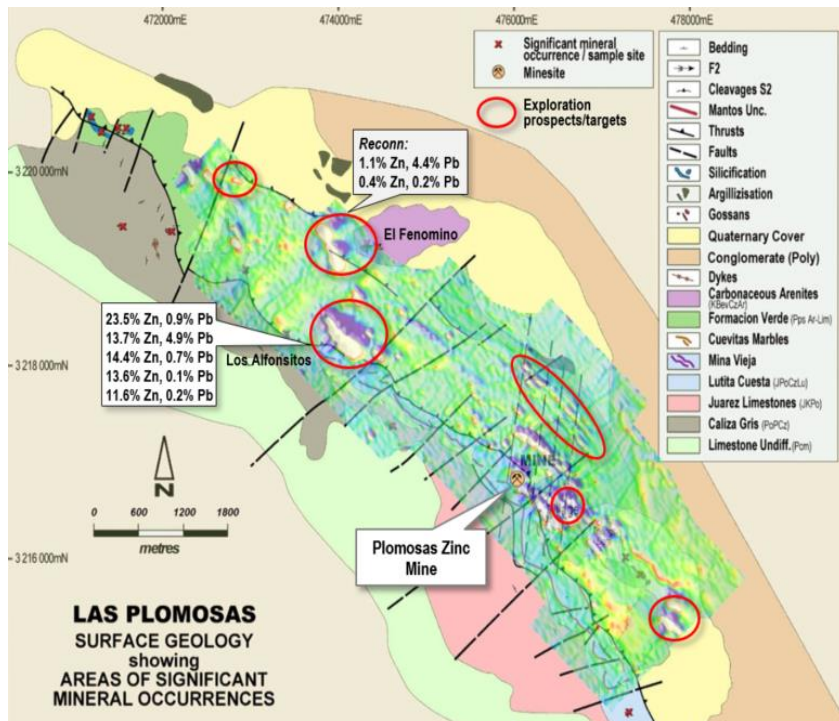
- 1 **Juarez:** Existing mineralisation in drives – **Not Drilled**
- 2 **Mina Vieja:** mineralisation requiring follow up – **Poorly Defined**
- 3 **Tres Amigos North:** Grades up to **33.2% Zn+Pb**
- 4 **Las Espadas West:** Untested and grades up to **50.2% Zn+Pb**
- 5 **Level 7 Expansion:** Resource open down plunge and along strike

SIGNIFICANT NEW DISCOVERIES ACCESSIBLE FROM UNDERGROUND

- 1 **Las Espadas East:** Grades up to **58.6% Zn+Pb – Undrilled**
- 2 **Carola South:** Grades up to **53.62% Zn+Pb; Undrilled 522m strike**



CZL REGIONAL EXPLORATION – MINE SEQUENCE



ADDITIONAL DRILL TARGETS TO BE IDENTIFIED 2019

- Alfonsitos Prospect – First of several
- 2.5km along trend from Plomosas
- First pass rock chip sampling found grades up to **24.34% Zn+Pb**
- Same geological setting as Plomosas

OUTCROPPING PROSPECTS IDENTIFIED BY CZL

CZL HAS DEMONSTRATED POTENTIAL FOR SIGNIFICANT NEW DISCOVERIES AND ADDITIONAL RESOURCE TONNES WITHIN EXISTING TENEMENT PORTFOLIO