



GORNO ZINC PROJECT
Lombardy, Northern Italy

“Recommencing supply of high quality concentrates in Western Europe underpinned by existing resource, infrastructure & strong local support”



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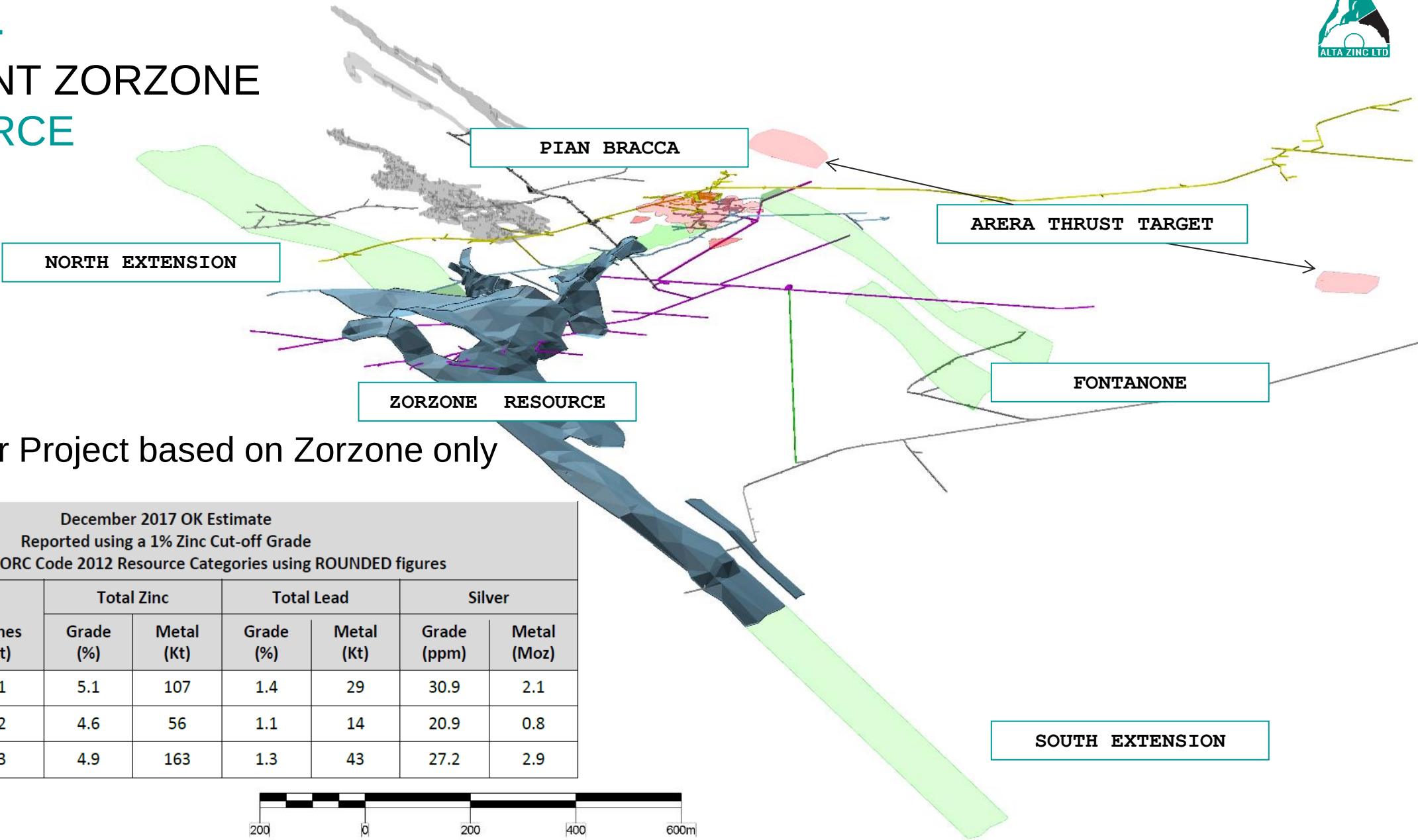
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GORNO ZINC PROJECT – 100% OWNERSHIP

- Brownfield project located in northern Italy – mining friendly jurisdiction with existing infrastructure
- Gorno is able to be developed in 2 Phases
- **Phase 1 Starter Project**
 - Feasibility Study due Q4-2018 (Lycopodium/AMC)
 - Existing JORC Resource of 3.3Mt at 6.2 % Zn+Pb grade
 - Permitting well advanced with ML already approved
 - Targeting Zn & Pb concentrate production from 2020
- **Phase 2 (Growth Potential)**
 - Existing Resource remains open in numerous directions
 - Significant growth potential based on near resource mineralisation
- Strategic partnership with Arete Capital provides significant project development & financing capability



CURRENT ZORZONE RESOURCE



Phase 1 Starter Project based on Zorzone only

December 2017 OK Estimate Reported using a 1% Zinc Cut-off Grade Subdivided by JORC Code 2012 Resource Categories using ROUNDED figures							
Category	Tonnes (Mt)	Total Zinc		Total Lead		Silver	
		Grade (%)	Metal (Kt)	Grade (%)	Metal (Kt)	Grade (ppm)	Metal (Moz)
Indicated	2.1	5.1	107	1.4	29	30.9	2.1
Inferred	1.2	4.6	56	1.1	14	20.9	0.8
Indicated + Inferred	3.3	4.9	163	1.3	43	27.2	2.9

ZORZONE RESOURCE “TIP OF THE ICEBERG”

Near resource mineralisation underpins future expansion

Colonna Zorzone Resource

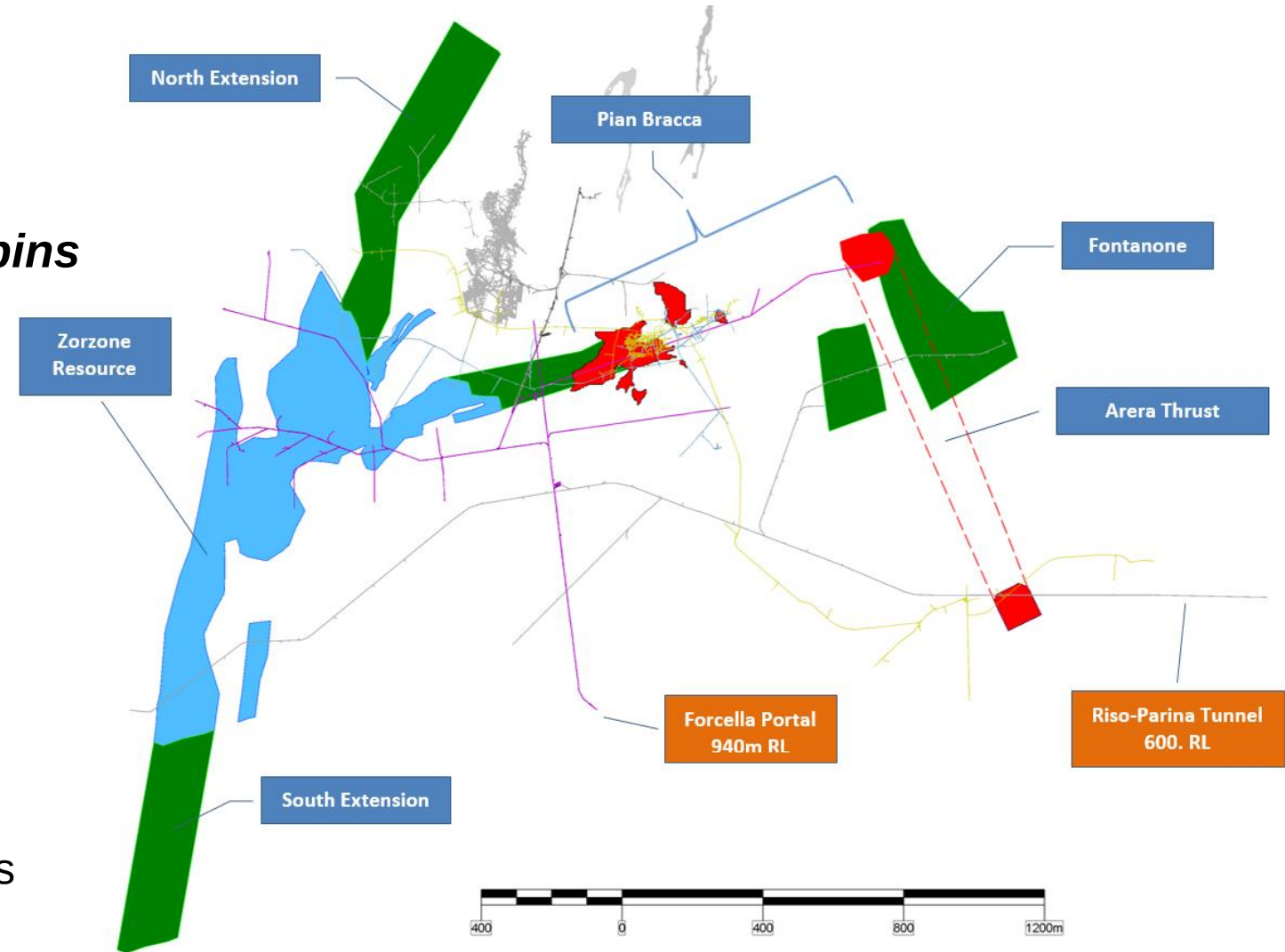
North & South mineralised extensions

Pian Bracca Mineralised Zone

Recently identified thick stratabound sequence of sulphides – remains open

Fontanone & Arera Targets

Fontanone discovered immediately prior to mine’s closure – exposed massive sulphides





PHASE 1 STARTER PROJECT

FEASIBILITY STUDY UNDERWAY:

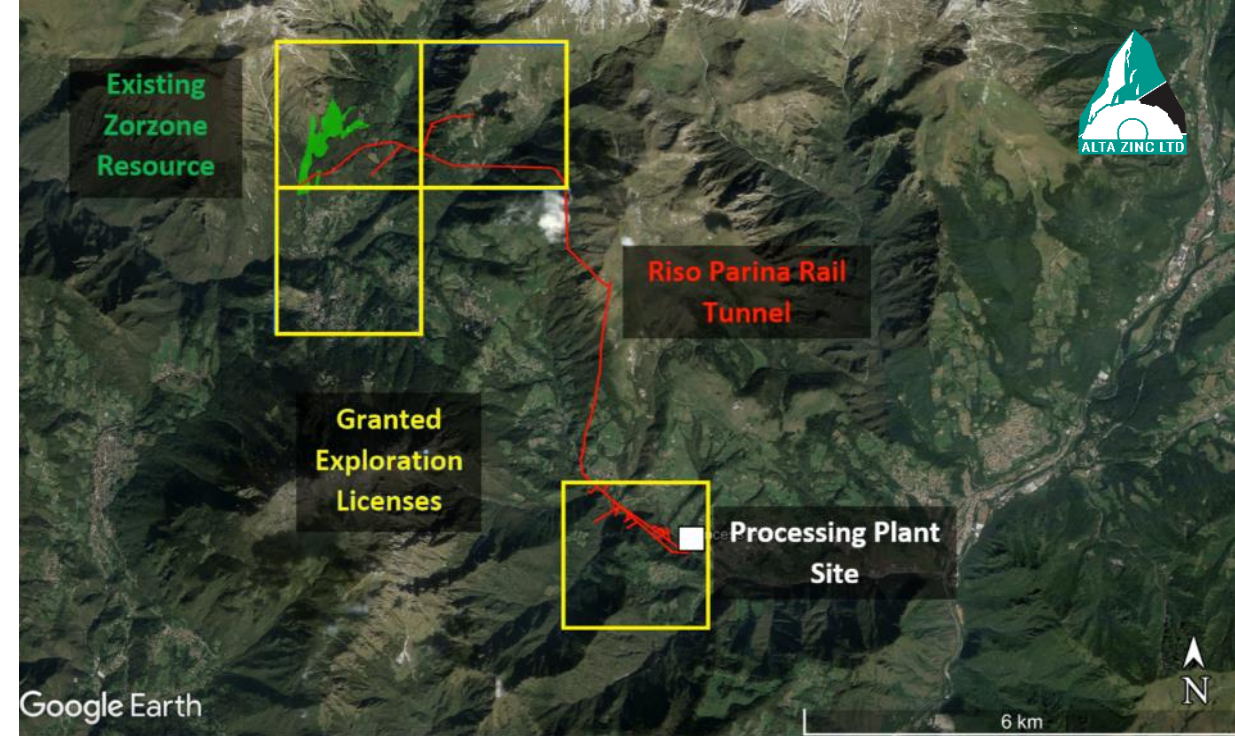
- ***AMC – mining, backfill design & scheduling***
- ***Lycopodium – metallurgy & process engineering design***

Study parameters use existing infrastructure to support low capital cost re-start – with a modular expansion strategy

- Mining rate determined by existing infrastructure
- U/G crushing & ore-sorting adjacent to Zorzone
- Ore haulage to plant via 12km Riso-Parina tunnel
- Processing facility at the original Gorno plant site
- Transport of concentrate via road to rail/port options

PHASED DEVELOPMENT APPROACH

Existing resource & infrastructure reduces up front capital & development time



- **Phase 2 expansion** – supported by drilling of near resource mineralised extensions during Phase 1
- Utilising rehabilitated infrastructure from Phase 1 (including Riso-Parina tunnel shown opposite)
- Modular, upgradeable processing plant with simple flowsheet to be constructed at the old plant site

GORNO PROJECT **TIMELINE**

Targeting production from Phase 1 Starter Project 2H 2020 – Phase 2 to follow

2H 2018	1H 2019	2H 2019	1H 2020	2H 2020	1H 2021
FS					
	Permitting				
	FEED & Funding				
		Phase 1 Construction		Production	
		Phase 2 Drilling	Phase 2 FS & Preparation		

LICENCES AND PERMITTING

Management is experienced at obtaining relevant approvals on a timely basis

Existing Mining Licence (ML)



Granted & to be renewed post-FS

Environmental Impact Assessment (EIA)



80% complete

Integrated Environmental Authorization (IEA)



Design/Construction Phase Procedure



STRATEGIC ZINC SUPPLY IN WESTERN EUROPE

Source of clean
zinc concentrate
located close to
transport & customers



EXCELLENT METALLURGICAL STUDY RESULTS

Testwork confirms Gorno produces high-grade concentrates with low impurities

- Proven process flowsheet
- Historical records support process pathway
- Ore sorting can achieve 55% waste rejection

Expected flotation recoveries for a 95% sulphide/5% oxide blend

- **63% zinc concentrate grade at 94% recovery**
- **76% lead concentrate grade at 76% recovery**

ZINC MARKET FUNDAMENTALS

Gorno's low impurity concentrates will be attractive to smelters who need to blend high impurity deliveries

Strong zinc supply/demand fundamentals

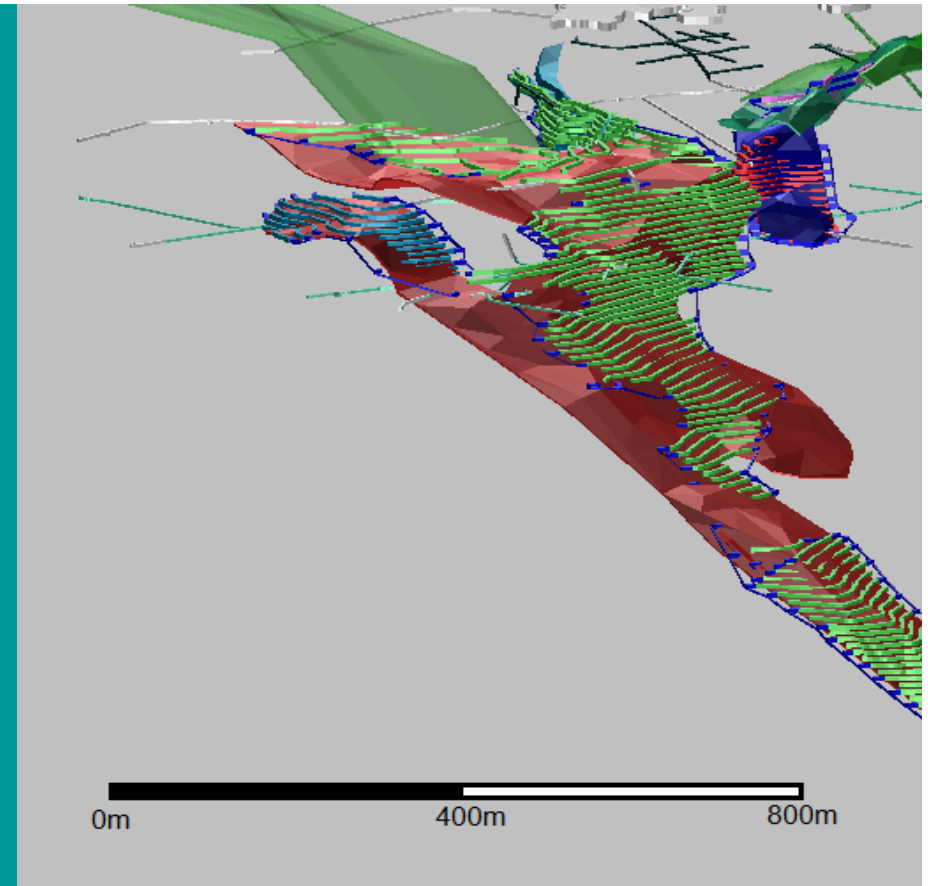
- Galvanising ~50% (construction, transport & ancillary)
- China consumes c. 48% of world demand

Total world zinc market size is ~ **14.5Mt, ~US\$50 billion**

Assuming conservative 1.75% annual demand growth
~**800kt pa additional production required by 2020**

>70% of this supply coming from just three mines

- New Century 200ktpa (high in silica)
- Gamsberg 204ktpa (high in manganese)
- Dugald River 154ktpa (high in manganese)



BRINGING LIFE BACK TO GORNO

Strong support from local communities and authorities



EXPERTISE

DIRECTORS

Alexander Burns - [Exec Chairman/CEO](#)

Stephen Hills - [Finance Director](#)

Marcello Cardaci - [Non-Exec Director](#)

Campbell Olsen - [Non-Exec Director](#)

MANAGEMENT

Marcello De Angelis - [Director Italy](#)

Fabio Granitzio - [Exploration Manager](#)

Sergio Di Giovanni - [Study Manager](#)

Jamie Armes - [Company Secretary](#)



ADVISORY PANEL

Hugh Morgan
(WMC)

Peter Johnston
(Minara /Glencore)

Graham Brown
(Anglo American)

Shaun Treacy
(JP Morgan/Lehman/UBS)

CORPORATE

Shareholder & management interests are aligned

Value Proposition

Issued share capital	1,369M
Cash (at 30 June 2018)	A\$2.4M
Market Cap (at 10 Aug 2018)	A\$6.8M
Enterprise Value	A\$4.4M

Key Shareholders

Alta's Directors	23.8%
Smorgon Group	11.7%
WestOz Fund	5.8%



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COMPETENT PERSON STATEMENTS

Information in this release that relates to Exploration Targets and Exploration Results is based on information prepared or reviewed by Dr Fabio Granitzio, a Competent Person who is a Member of the Australian Institute of Geoscientists. Dr Granitzio is a full-time employee of Alta Zinc Limited. Dr Granitzio has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Dr Granitzio consents to the inclusion of the matters in this release based on his information in the form and context in which it appears.

The information in this release that relates to Mineral Resources is based on, and fairly represents, the Mineral Resources and information and supporting documentation extracted from the report, which was prepared by Mr Stephen Godfrey as Competent Person in compliance with the JORC Code (2012 edition) and released to ASX by the Company on 8 December 2017. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original Announcement. All material assumptions and technical parameters underpinning the Mineral Resource estimates in that previous release continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original Announcement.