

ENERGIA MINERALS LIMITED

Annual General Meeting

Perth, Western Australia

23 November 2017



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Corporate Information



Capital Structure

Share Price (as at 22 Nov 2017)	\$0.015
Shares on Issue	1,096M
Market Capitalisation	\$16M
Cash as at 30 September 2017	\$2.4M
Unlisted Options (\$0.05 - \$0.24 Exercise Price)	30.7M

Top 10 Shareholders (as at 17 November 2017)

Shareholder	Million Shares	% of Total
*Alexander Burns (direct and indirect)	251.7	23.0
Zero Nominees Pty Ltd	110.3	10.6
*Marcello Cardaci (indirect)	73.7	6.7
J P Morgan Nom Aust Ltd	31.5	2.9
Jetosea Pty Ltd	25.7	2.4
SHL Pty Ltd	23.8	2.2
Inkese Pty Ltd	20.0	1.8
BPM Cap Ltd	19.6	1.8
Citicorp Nominees	17.2	1.6
Robinson Kim + Jennifer	17.2	1.6
Total Top 10 Shareholders	590.7	54.6

Total directors and associates holdings – 325M shares (29.7%)

Board and Gorno Project Management



Alexander Burns – Executive Chairman

- Former MD of Sphere Minerals Ltd from 1998-2010 - focused on large scale iron ore projects in Mauritania; acquired by Xstrata PLC in Nov 2010 for \$514M cash.
- Former Chairman of Shield Mining Ltd from 2006-2010 - Gold and base metals exploration in Mauritania; acquired by Gryphon Minerals Ltd in 2010 for \$26M scrip.



Marcello Cardaci – Non-Executive Director

- Partner of Gilbert & Tobin's Corporate Advisory Group.
- Advises on a range of corporate and commercial matters including public and private equity fund raisings and public and private mergers, acquisitions and divestment.



Stephen Hills – Finance Director

- Chartered Accountant with extensive experience in senior finance roles in ASX/TSX listed companies, the past fourteen years in mining companies with gold, nickel and copper producing assets.
- Finance Director with DRC based copper producer Tiger Resources Limited from 2010, former CFO and Company Secretary of Mirabela Nickel Limited where he was involved in the company's listing on TSX and subsequent capital raisings and initial syndicated project financing.



Fabio Granitzio – Exploration Manager, Italy (Commencing 28 Nov 2017)

- Qualified geologist with a PhD in mineral prospecting and almost two decades of continuous experience in exploration and mining geology.
- Former Group Exploration Manager of KEFI Minerals where he also recently served as CEO of Gold and Minerals LLC joint venture, Saudi Arabia.

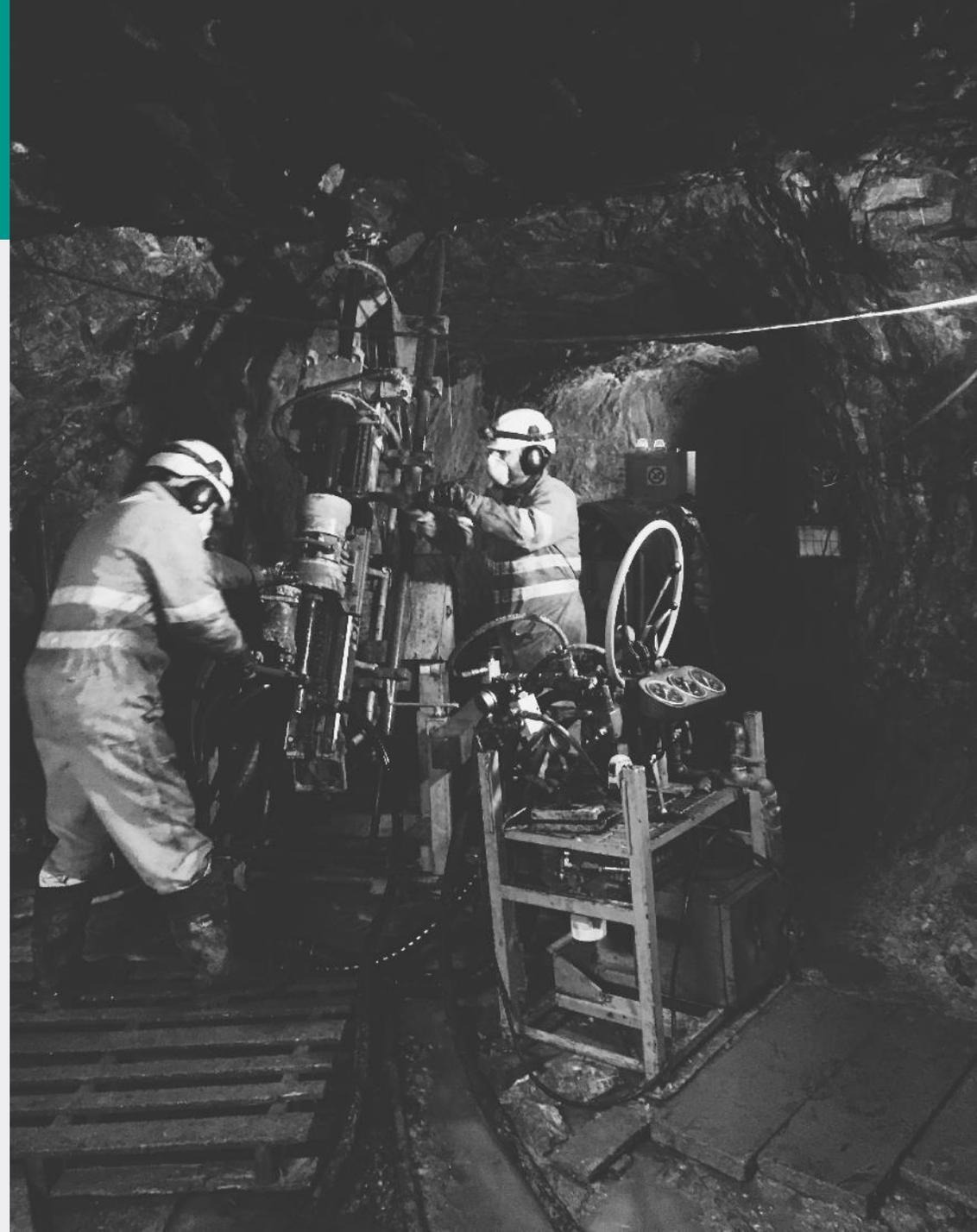
What is Energia today?

Focused exploration and development Company with brownfields zinc project development opportunities in northern Italy and a portfolio of greenfields exploration assets in Australia.

Gorno Zinc Project

- Flagship project located in northern Italy with a reported Mineral Resource of 3.3Mt @ 4.8% Zn, 1.3% Pb & 27 g/t Ag, (including 2Mt @ 4.9% Zn, 1.3% Pb & 31 g/t Ag in Indicated Resource category).
- Significant project studies completed to date demonstrate the potential to produce high grade, low impurity Zn/Pb concentrates, utilising existing underground access.
- Substantial exploration potential to add to the Colonna Zorzone Mineral Resource by drilling known zones of mineralisation.
- Additional mineralised areas identified at Colonna Fortuna, Colonna Fontanone and Mt Arera.

Italian zinc portfolio recently enlarged with the approval of the Salafossa Exploration Licence.



The image features a vertical split background. The left side is a solid teal color with a subtle, textured pattern. The right side is a dark, almost black, textured surface that resembles crushed rock or mineral ore. A white rectangular border is centered on the teal side, containing the text 'ZINC MARKET' in a bold, white, sans-serif font.

ZINC MARKET

Zinc market fundamentals are strong

Recent closures of major mines (eg. Century, Lisheen) has led to a global zinc supply deficit, driving prices to 10-year highs.

The world needs additional new zinc mine production to meet anticipated global 2.5%-3% demand growth.

Production from new mines (eg. Dugald River, Gamsberg), is forecast to alleviate the current supply shortfall, however a balanced supply/demand outlook requires the development of major new mines in challenging locations.

Analysts estimate that a long term incentive price of c. US\$2,600/t will be required to support new projects.

Supply risks may result from China's "Belt and Road Initiative" and increased demand for automotive galvanising.



Clean zinc concentrates are in high demand

New sources of zinc concentrate supply will add tonnes to the global supply that may not meet the specification needs of smelters.

Concentrate volumes may contain high levels of impurities, which can present problems for smelters from a process and environmental perspective.

Metallurgical testwork has confirmed that Gorno can produce a high-grade concentrate with low impurity levels, including iron (Fe) content of <1%, (whereas concentrates typically range from 1.5% to 10% Fe content).

Offtakers have confirmed that the Gorno zinc concentrate specifications will make it a sought after product, either to market as a direct feed to smelters or to use to blend with lower grade, higher impurity concentrates.



Gorno is positioned to supply the deficit from within Europe

100% ownership of existing Mining Licence and Exploration Licences. Permitting procedures are well established from last 3 years of local operations.

Brownfields development in an area of historic mining operations benefitting from 230km of underground access and an extensive database of information.

Local communities provide services and skilled labour. No need for camps and basic infrastructure to operate. Three international airports within 2 hours by car.

Strong support for Gorno to restart from the government authority based in Milan (Regione Lombardia) and local municipalities (Gorno, Oneta and Oltre Il Colle).

Excellent all year haulage network of roads, rail and port access (eg Genoa, Antwerp) provides routes to markets in Europe, China, Korea and Japan.





A low-angle photograph of a building's steel roof structure. The image shows a complex network of steel beams and cross-bracing against a dark, overcast sky. A teal-colored overlay covers the left portion of the image. A white rectangular box is superimposed on the teal area, containing the text 'STUDY STATUS'.

STUDY STATUS

Gorno Project Study

The DFS was undertaken based on an internal scoping study generated using the March 2016 Mineral Resource assuming the following study parameters:

- New processing plant to be constructed at the original plant site near Gorno;
- Underground crushing and ore-sorting adjacent to Colonna Zorzone; and
- Ore haulage to the processing plant via the Riso-Parina tunnel.

Following the release of the May 2017 Mineral Resource, the study scope was revised to consider a reduced capital project development including an underground modular processing plant located adjacent to Colonna Zorzone.

A final decision to advance to a DFS will be dependant on the ongoing assessment of the near resource mineralisation extensions.



Consultants Engaged – Work Completed & Work in Progress

CONSULTANT	ORIGINAL STUDIES	REVISED STUDIES
Jorvik Resources	Resource Modelling & Estimation	Revised Resource Estimation
SRK Consulting	Mine Design and Ventilation	Revised Mine Design & Ventilation Study
GBM	Gorno Processing plant & underground crusher design and cost estimation, mine electrical requirements and project execution	Revised underground crusher & underground processing plant design, cost estimation & project execution
Paterson & Cooke	Backfill testing, transportation and PAF plant design	Revised PAF plant design and cost estimation
Sial.tec Engineering	Geotechnical Engineering Study	Geotech Eng Study for underground plant & revised mine design
RFB Consultants (Robert Bresca)	Metallurgical and lock cycle testwork	Ore variability metallurgical testwork
Grinding Solutions Ltd	Grinding testwork, study and metallurgical testwork	No further work required at this stage
Wardell Armstrong	Pilot plant testwork	No further work required at this stage
Steinert Elektromagnetbau	XRT ore sorter testing and design	No further work required at this stage
Tomra	XRT ore sorter testing and design	No further work required at this stage
Geom. Bertolazzi Giampietro	Land and cadastral surveys	Land and cadastral surveys
Eng. Agostino Maninetti	Engineering & infrastructure studies	No further work required at this stage
Mancala	Rail transport study and simulation	No further work required at this stage
Manpower	Salary survey	No further work required at this stage
TC HR Services Srl	Job cost calculation	No further work required at this stage
NRA	Environmental consultancy	No further work required at this stage
Hattusas	Environmental study	No further work required at this stage
Gtax	Financial consultancy	No further work required at this stage
Ruccellai & Raffaelli	Legal consultancy	No further work required at this stage

Study Outcomes to Date

Study is based on the Colonna Zorzone Mineral Resource and known extensions of mineralisation. For this reason key study outcomes are not permitted to be released, but will be used for internal decision making and discussions with financiers.

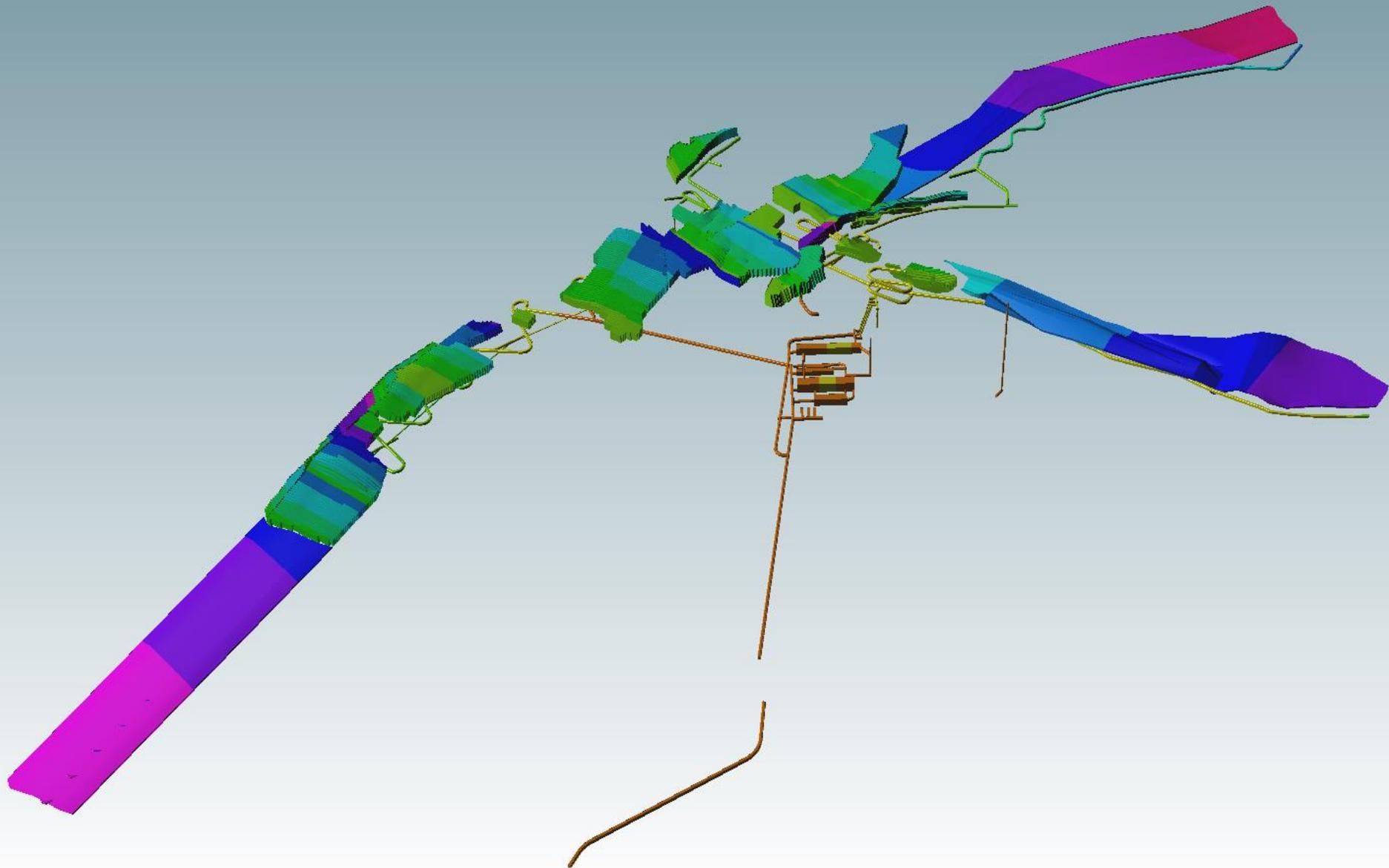
The revised study will deliver an improved understanding of an underground processing facility in proximity to the mine, including:

- Capex and Opex requirements;
- Environmental impacts and simplified permitting pathway; and
- Geotechnical environment for underground plant construction.

Identifies additional areas of work required for future mine planning and development studies including:

- Increase the Mineral Resource by drilling of the mineralised extensions identified to the East and North and improve the resource confidence;
- Additional metallurgical testwork to focus on improving recoveries from oxide mineralisation;
- Optimisation of mining methods and scheduling to reduce mining costs; and
- Identifying other opportunities to improve the Capex & Opex once a new Mineral Resource is established.

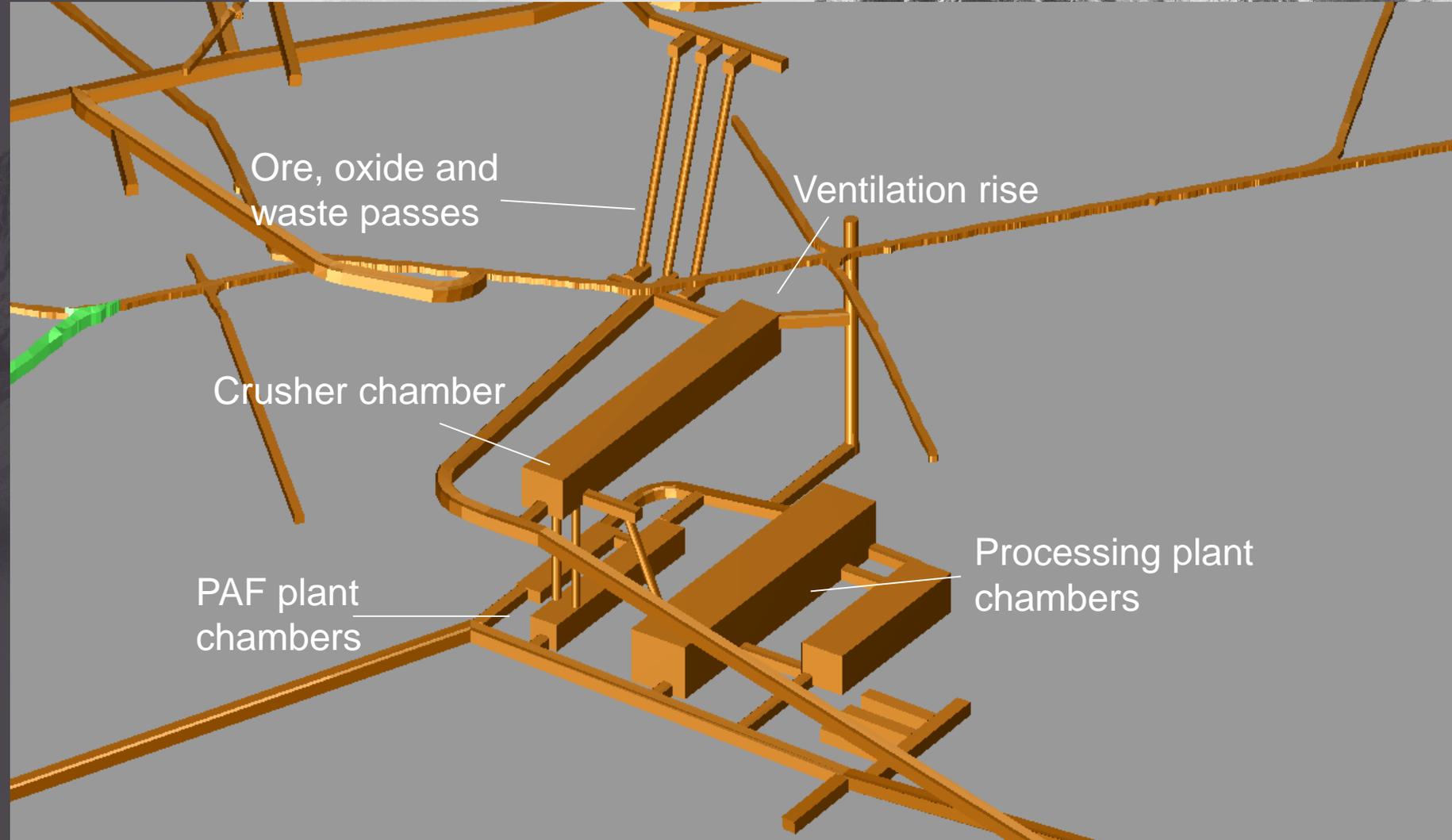




Conceptual Mine Plan

Period	Start Date
Period 1	01-Jan-18
Period 2	01-Jan-19
Period 3	01-Jan-20
Period 4	01-Jan-21
Period 5	01-Jan-22
Period 6	01-Jan-23
Period 7	01-Jan-24
Period 8	01-Jan-25
Period 9	01-Jan-26
Period 10	01-Jan-27
Period 11	01-Jan-28
Period 12	01-Jan-29
Period 13	01-Jan-30
Period 14	01-Jan-31
Period 15	01-Jan-32

Conceptual Underground Plant Chambers



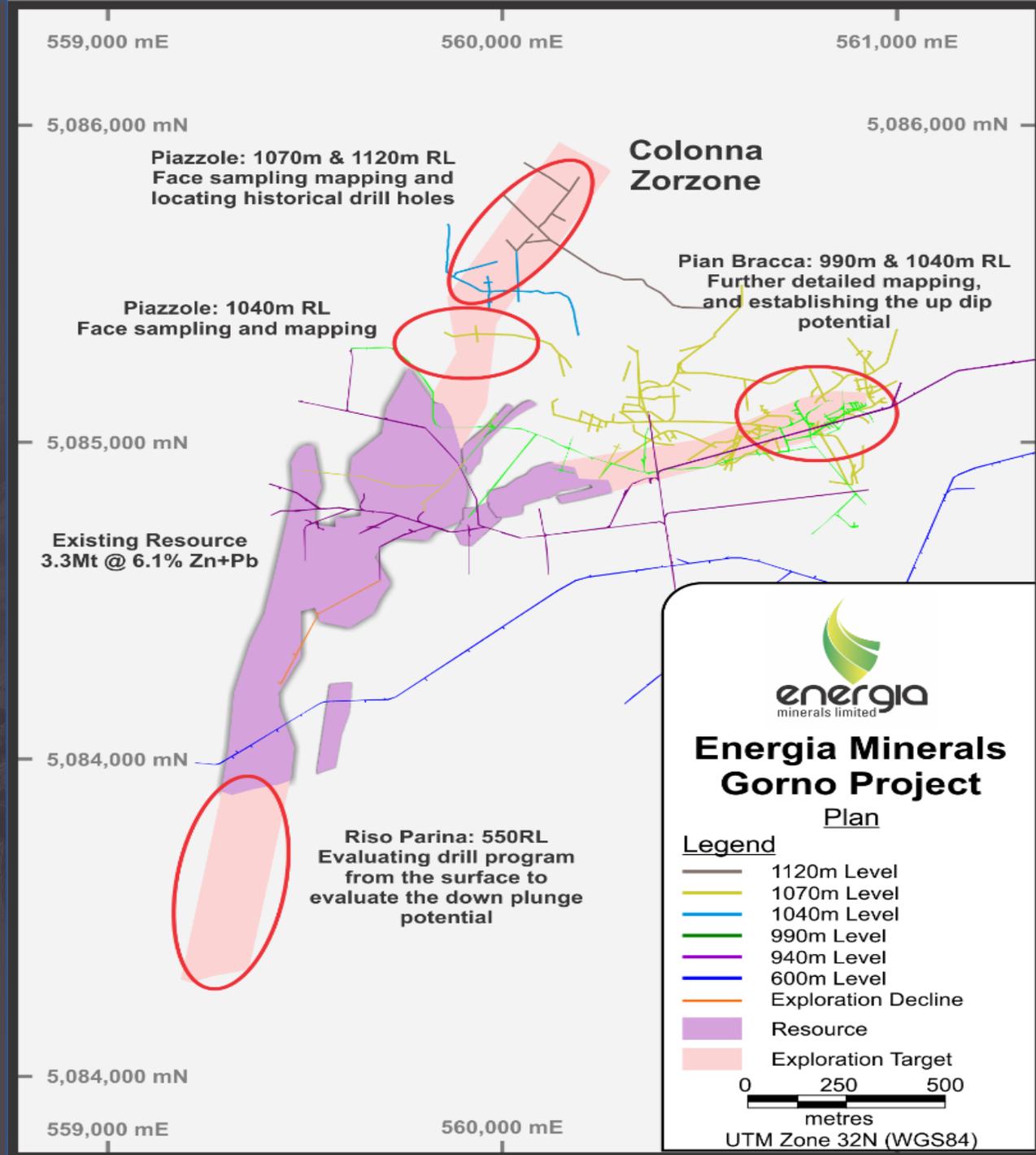
Crusher Chambers
in use at Unicalce's
Underground
Brembilla Quarry
Located 20km from
Gorno Project



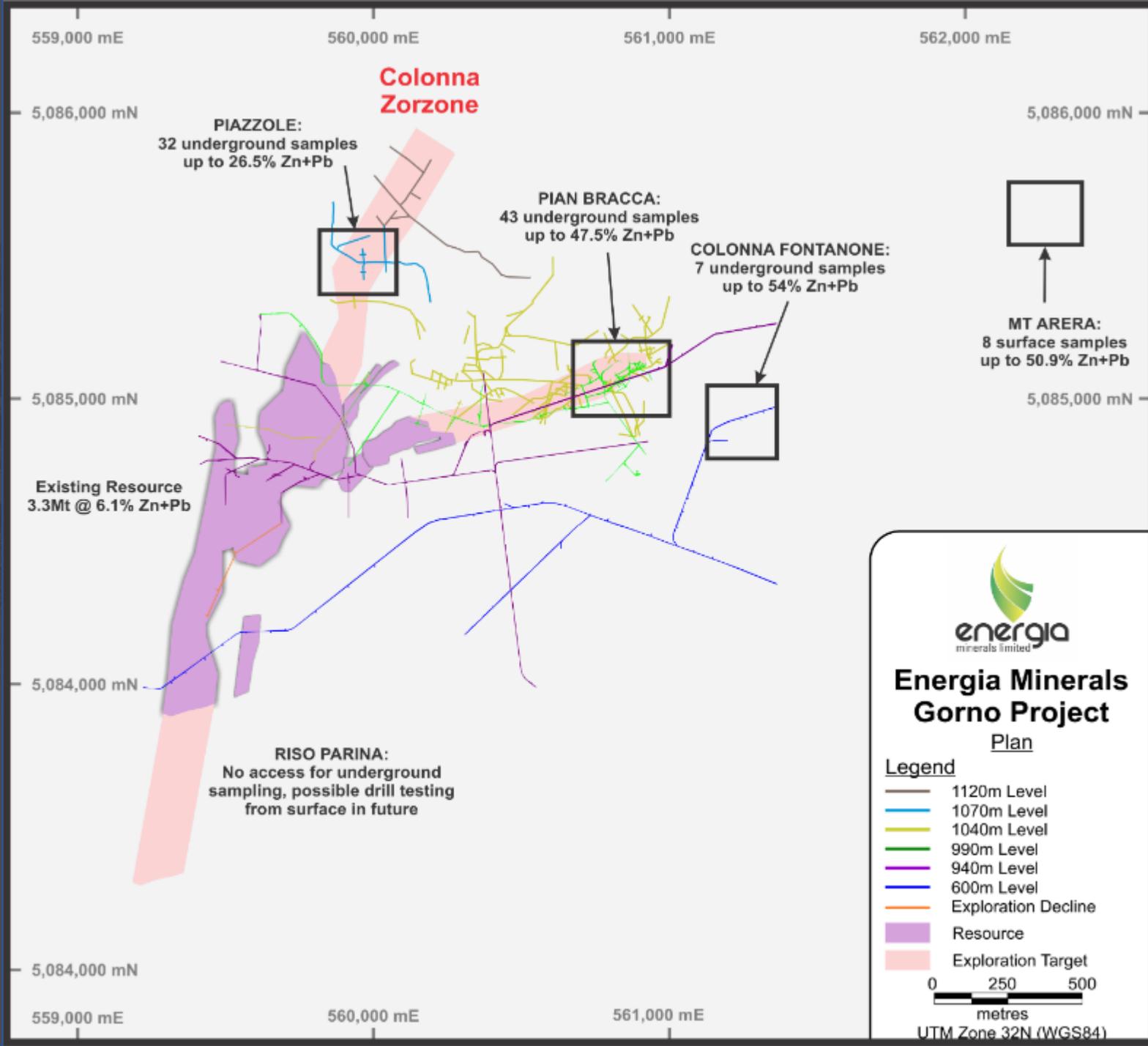


**LOW RISK RESOURCE
GROWTH STRATEGY**

Colonna Zorzone Targeted Mineralisation Extensions – Near Mineral Resource

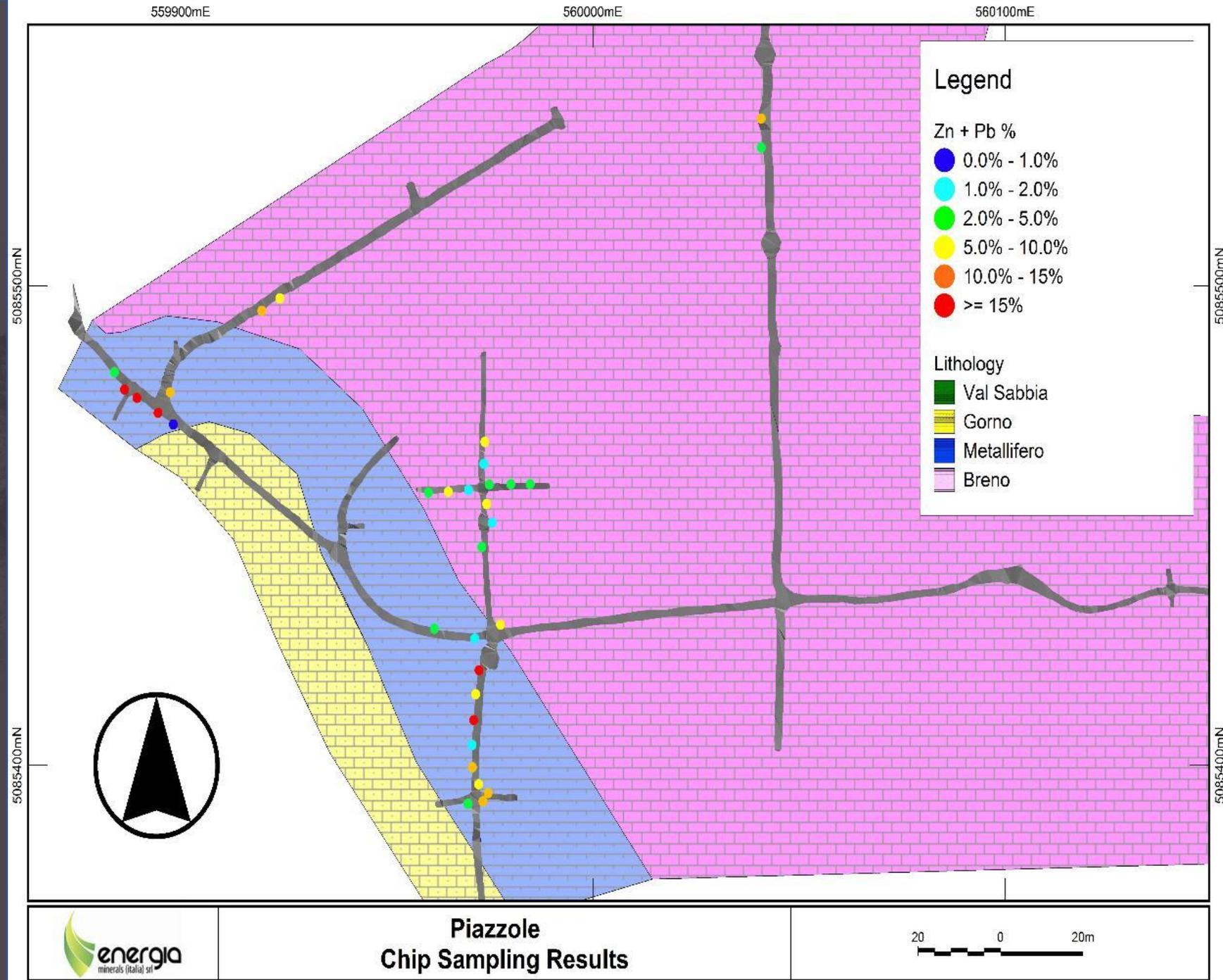


Targeted Mineralisation Extensions and Regional Sampling Results to Date



Sampling Results Piazzole (North)

Results include:
15.7% Zn, 4.3% Pb, & 47ppm Ag
18.6% Zn, 4.1% Pb, & 42ppm Ag
20.8% Zn, 5.7% Pb, & 83ppm Ag



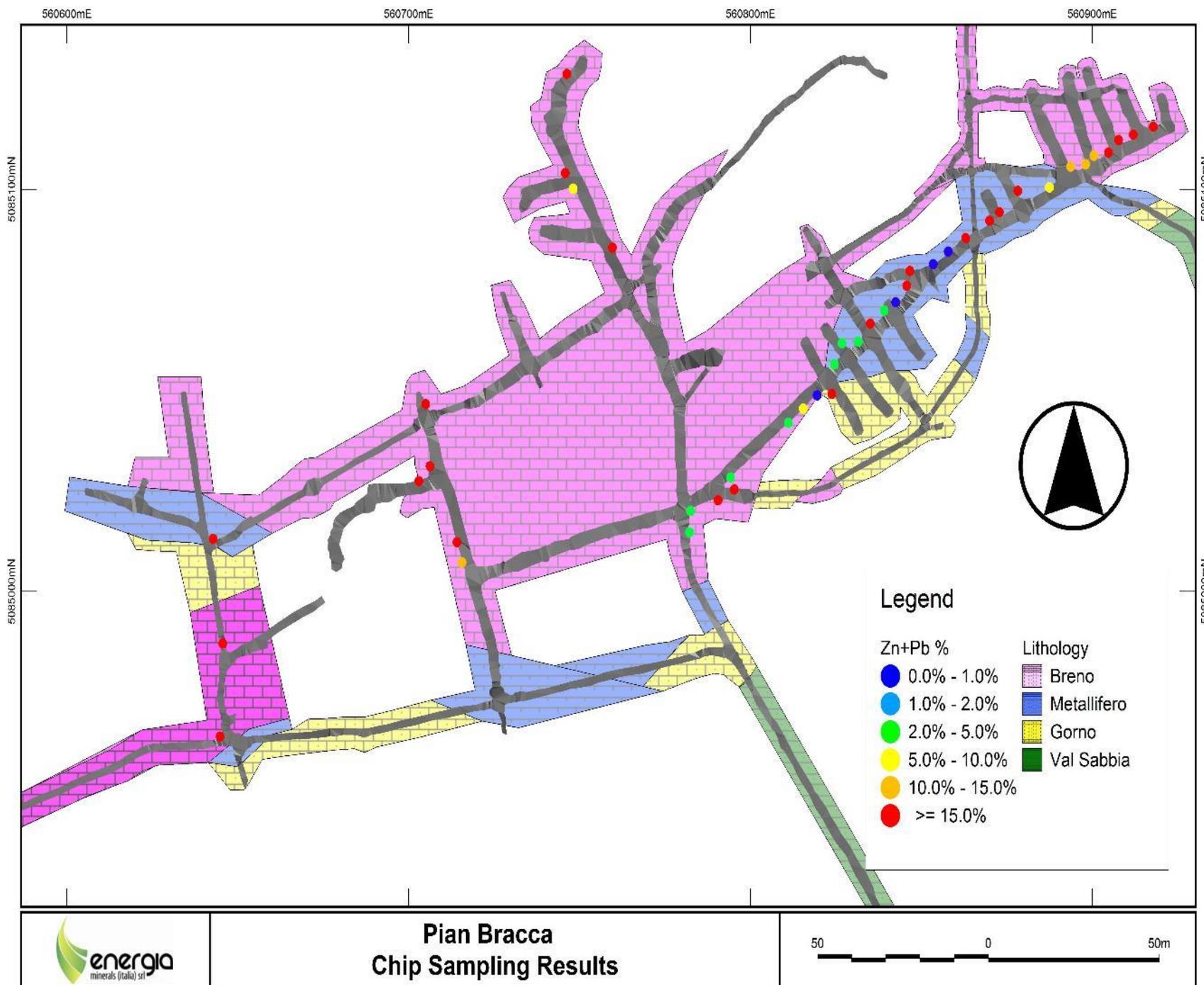
Sampling Results Pian Bracca (East)

Results include:

42.9% Zn, 4.6% Pb, & 52ppm Ag

42.2% Zn, 6.2% Pb, & 40ppm Ag

40.0% Zn, 8.4% Pb, & 56ppm Ag

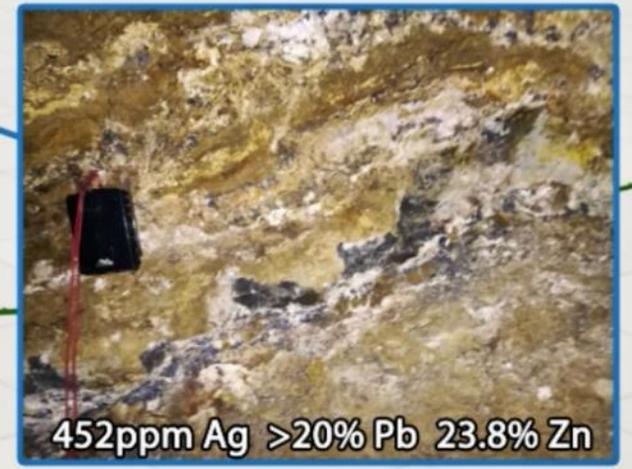
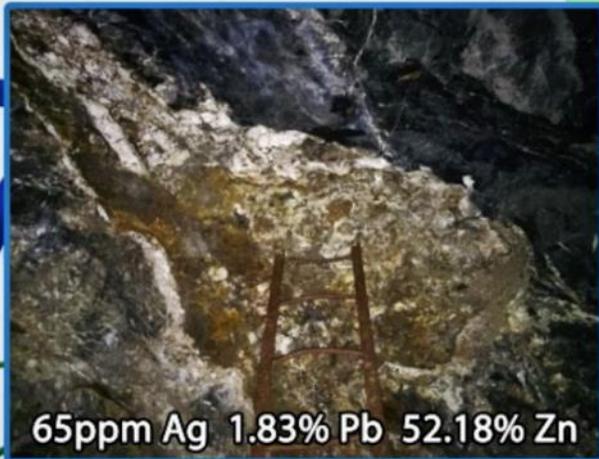
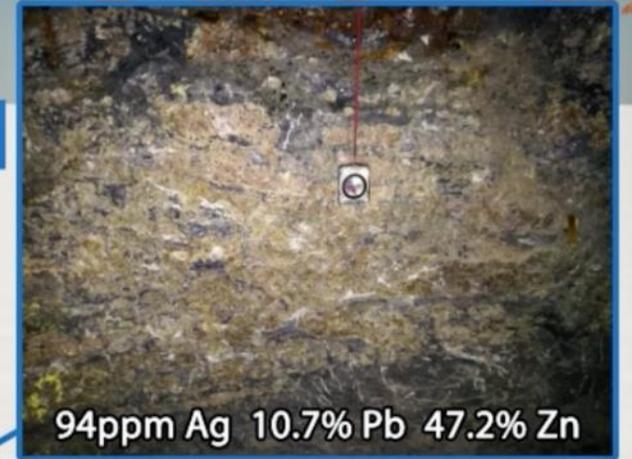


Sampling Results Colonna Fontanone



Exposed Zinc Mineralisation

Composite Sample Assays

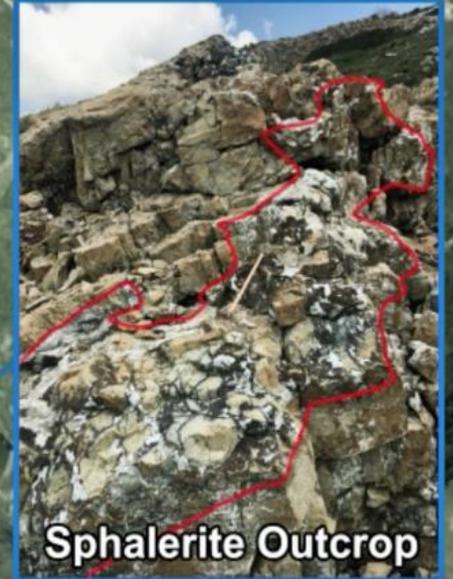


47.2% Zn, 10.7% Pb, 94ppm Ag (RP1)
23.8% Zn, >20% Pb, 452ppm Ag (RP2)
52.2% Zn, 1.8% Pb, 65ppm Ag (RP3)
39.9% Zn, >20% Pb, 194ppm Ag (RP4)

Sampling Results Mt Arera (surface)



Sample	Zn%	Pb%	Ag g/t
DUMP - C2	16.8	0	2
DUMP - C4	25.1	0	2
DUMP - C5	50.6	0.3	15
DUMP - C6	13.1	0.5	3
DUMP - C7	41.3	0.2	15
DUMP - C8	40.5	0	13



Sample	Zn%	Pb%	Ag g/t
OUTCROP - C1	17.7	<0.001	5
OUTCROP - C3	47.1	0	4



Historical Portals ■
Exposed Zinc Mineralisation ■

The Year Ahead

Focus on implementing a low risk exploration strategy with the objective of expanding the existing Mineral Resource.

Focus on opportunities identified in studies completed to date to enhance the potential project economics.

Communicate the inherent strengths of the Gorno Zinc Project, including:

- Potential Mineral Resource growth available from known extensions of mineralisation;
- Historic production of Zn & Pb concentrates with very low levels of impurities;
- Permits in place with strong support of the local authorities and communities; and
- Location in Western Europe with access to developed infrastructure and skilled workforce.

Cost effectively evaluate our other base metals exploration properties in Italy & Australia.

Rebrand the Company “Alta Zinc” and emphasise these points to investors & financiers.



Compliance Statements

Information in this presentation that relates to Exploration Results and Exploration Targets is based on information prepared by Mr David Andreatza, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Andreatza is a full-time employee of Energia Minerals Limited. Mr Andreatza 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”. Mr Andreatza consents to the inclusion in this release of the matters based on their information in the form and context in which it appears.

The information in this presentation 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 James Ridley as Competent Person in compliance with the JORC Code (2012 edition) and released to ASX by the Company on 3 May 2017. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market 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 market announcement.

