



NEW FRONTIERS NEW GROWTH

Investor Presentation

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FEBRUARY 2020



Advancing projects around the world

- Platina controls a portfolio of precious, speciality and base metal projects at various stage of development
- Shareholder value is created by advancing projects through exploration, feasibility, permitting and towards development
- Project value to be realised through sale, joint venture or development



Corporate overview

Share price

A\$1.8c

14 February 2020

52 week high 8.7c, low \$1.8c

Market capitalisation

\$5.8m

Top 20 shareholders

46%

Shares on issue

323m

Cash

\$802K

31 December 2019

Major shareholders

Cairnglen Investments	12.3%
Electrum Global Holdings	6.3%
Yandal Investments (Mark Creasy)	2.2%

2020 corporate objectives

Blue Moon

- Resource expansion drilling
- Metallurgical testwork
- Permitting

Platina Scandium Project

- Securing offtake contracts to underwrite project financing
- Complete optimisation programs

Skaergaard

- Identify an investment partner

Munni Munni

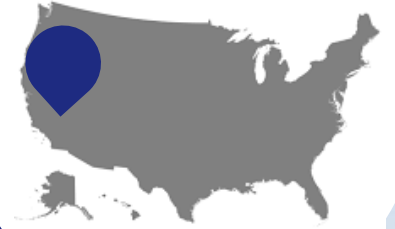
- Currently assessing options given the significant increase in the price of palladium

Blue Moon Project

Joint Venture
earning 70%

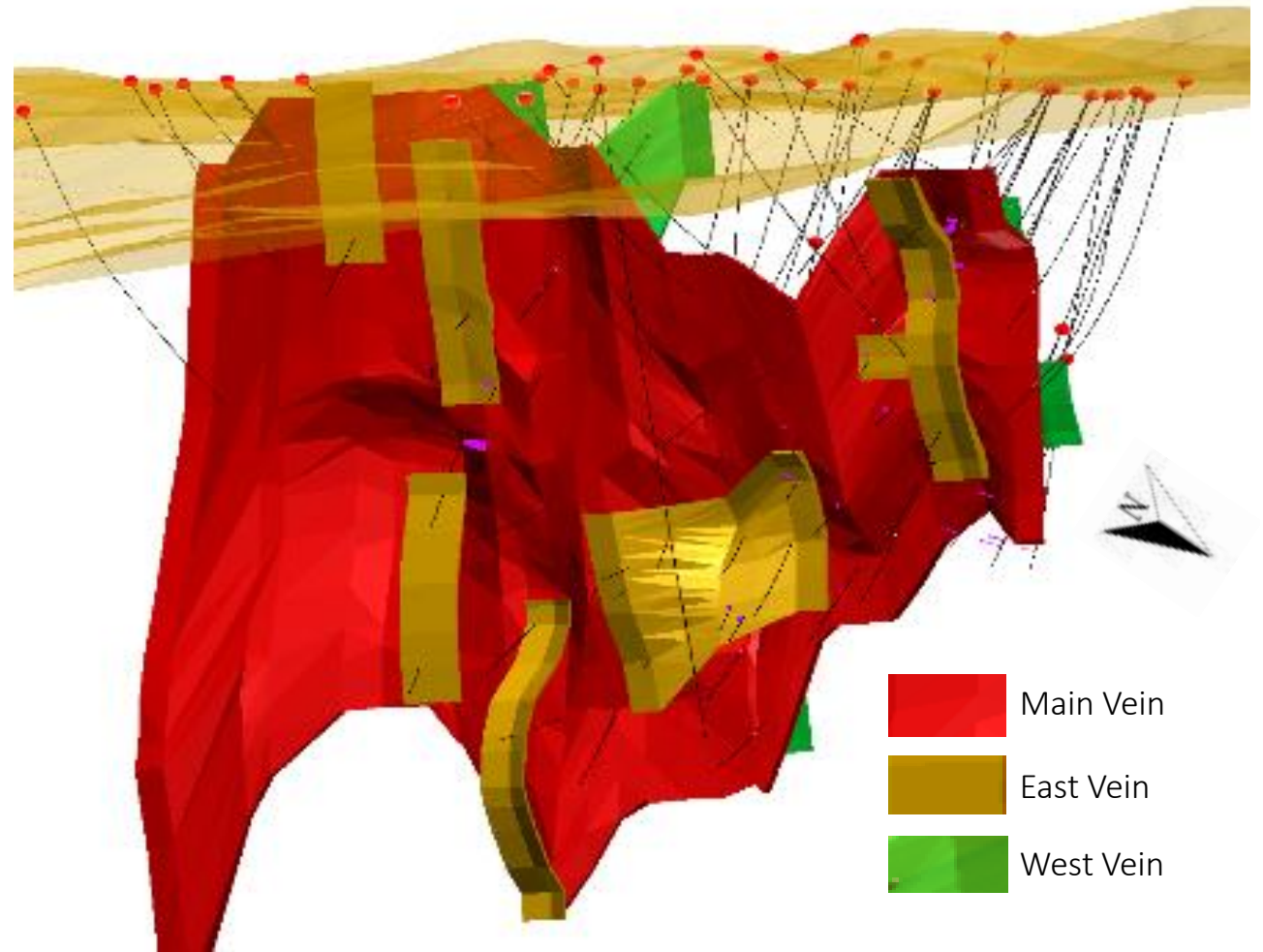
A drill-ready, high-grade
zinc-copper-gold deposit
with significant resource
expansion and
development potential

USA



Resource with significant expansion potential

- Historical drilling – 43,000m in ~113 holes
- High-grade, Volcanogenic Massive Sulphide deposit hosted in rhyolite
- High-grade zinc, copper, gold and silver
- Potential to expand the existing mineral resource



Large, well-defined resource*

Foreign Inferred Mineral Resource @ 4% ZnEq Cut-off

Tons (Mtons)	Zinc (%)	Copper (%)	Lead (%)	Gold (Oz/t)	Silver (Oz/t)
7.79	4.95	0.46	0.29	0.04	1.33

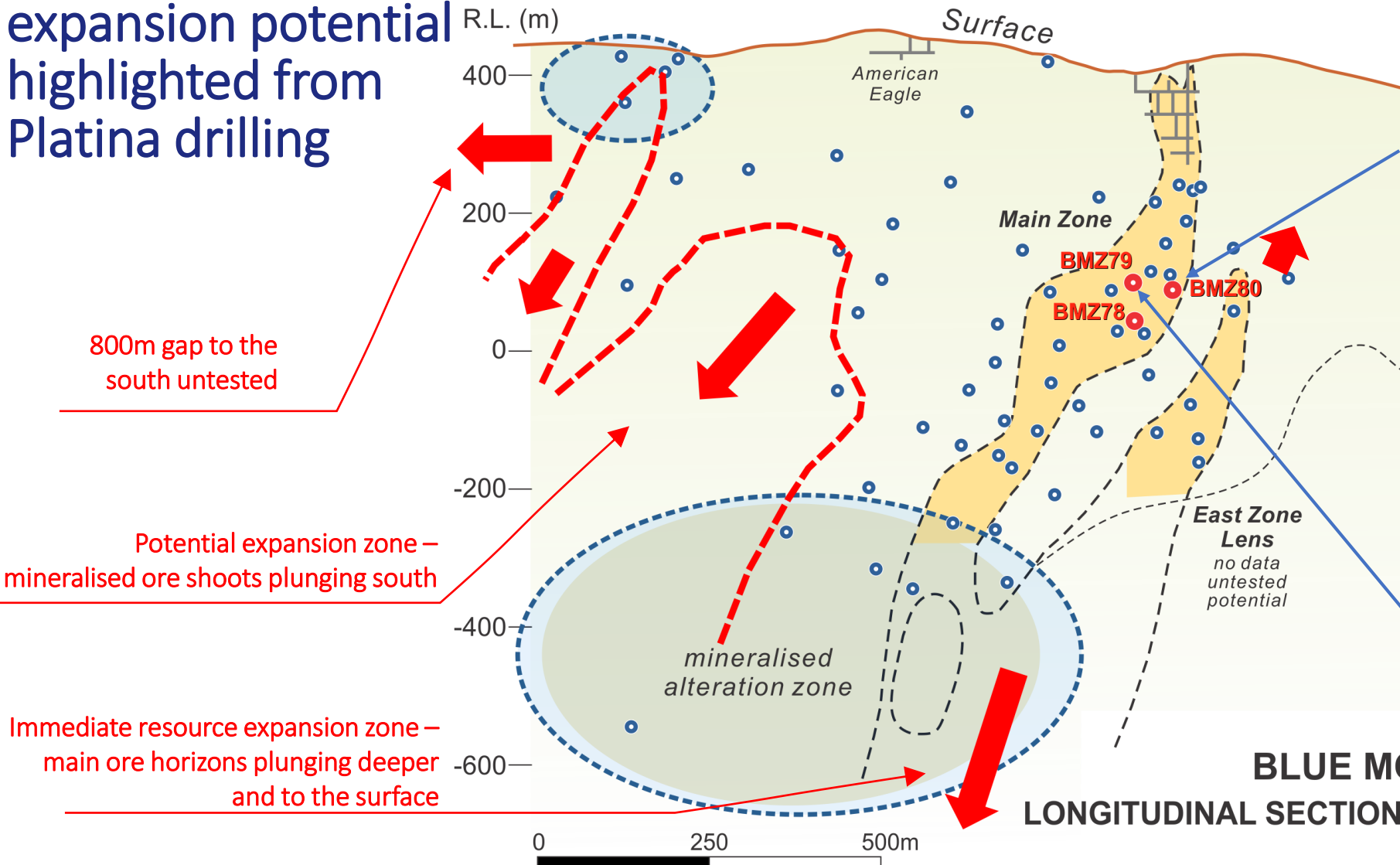
Foreign Inferred Mineral Resource Contained Metal

Zinc (M lbs)	Copper (M lbs)	Lead (M lbs)	Gold (M Oz's)	Silver (M Oz's)
771.2	71.7	45.2	0.3	10.4

* Cautionary Note - National Instrument 43-101 is a national instrument for the Standards of Disclosure for Mineral Projects within Canada. The Mineral Resources stated are foreign estimates and are not reported in accordance with JORC Code. A competent person has not done sufficient work to classify the foreign estimates as Mineral Resources in accordance with the JORC Code. It is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as Mineral Resources in accordance with the JORC Code. In order to verify the foreign estimate as a mineral resource in accordance with Appendix 5A of the Australian Securities Exchange Listing Rules, the Company intends to undertake a detailed audit of all the available data to verify the previous work and convert the foreign estimate to a JORC Mineral Resource compliant estimate. The Company notes that the Canadian NI43-101 Standards of Disclosure system is broadly comparable to the JORC Code of reporting, and whilst the reporting methodologies are different, the actual mineral resources themselves are unlikely to be significantly different. ASX Release, “Transformational Transaction to acquire high-grade zinc, copper and gold project”, 9 August 2019” outlines compliance with Australian Securities Exchange Listing Rules Chapter 5.12.

**Please note that the Mineral Resource is defined in US short tons (2,000lb) and not metric tonnes.*

Significant resource expansion potential highlighted from Platina drilling



BMZ80 – three zones of mineralisation

19.58m at 8.41% Zn, 0.49% Cu, 1.65g/t Au & 82.7g/t Ag from 398m, including:

- 1.26m at 4.57% Zn, 0.37% Cu, 1.51% Pb, 6.71g/t Au & 513 g/t Ag from 398m
- 2.16m at 16.49% Zn, 0.89% Cu, 0.32% Pb, 0.7g/t Au & 35g/t Ag from 405m

6.15m at 3.60% Zn, 0.19% Cu, 1.97g/t Au & 78.60g/t Ag from 424m, including:

- 0.88m at 1.63% Zn, 0.1% Cu, 9.81 g/t Au & 312 g/t Ag from 424m

3.53 m at 4.27% Zn, 0.37% Cu, 4.83 g/t Au & 125.7g/t Ag from 448m, including:

- 0.85m at 7.75% Zn, 0.66% Cu, 4.25% Pb, 14.55g/t Au & 325g/t Ag from 448m

BMZ79 – two zones of mineralisation

7.47m at 25.55% Zn from 412m, including:

- 3.05m at 49.60% Zn from 414m

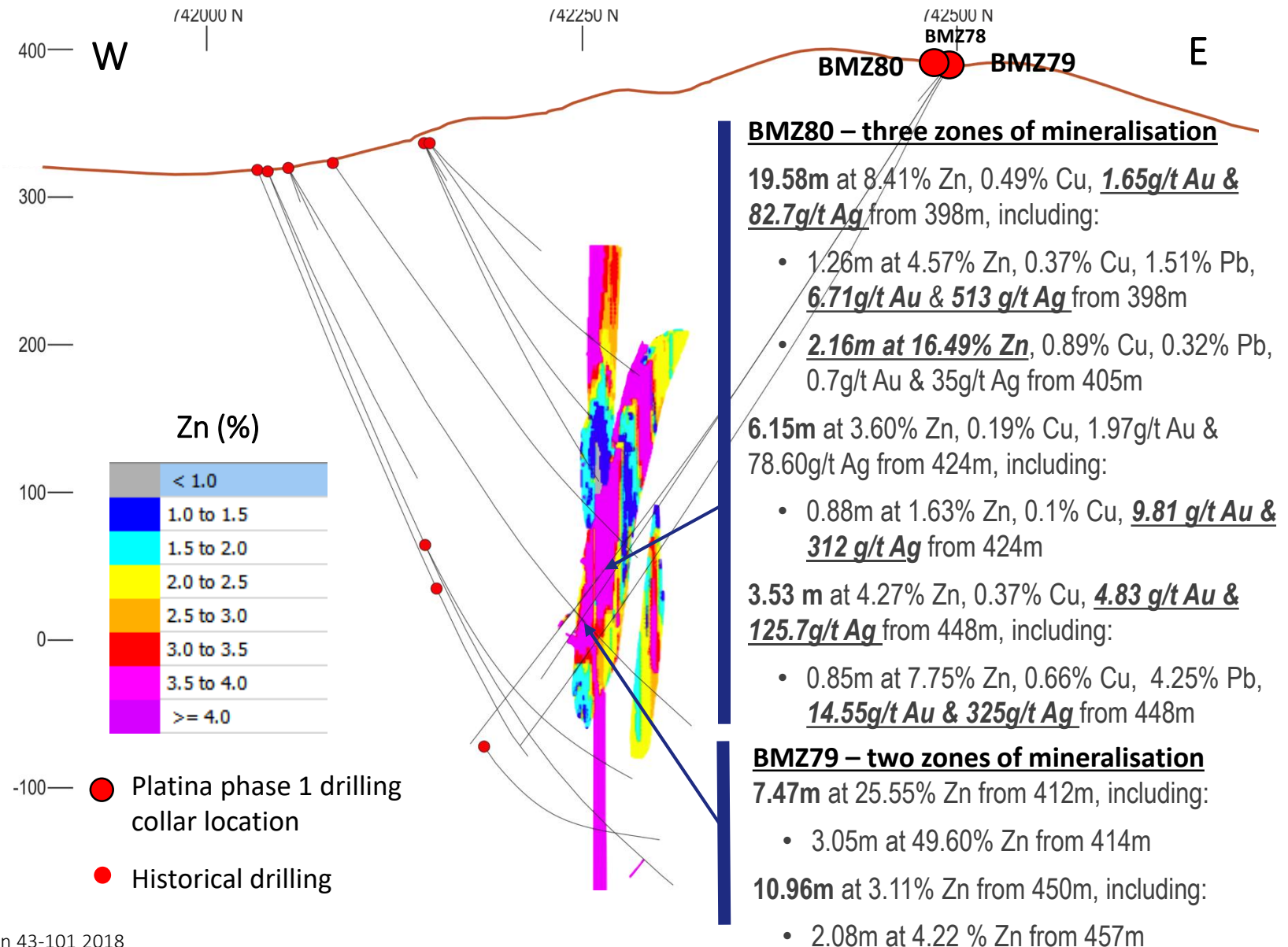
10.96m at 3.11% Zn from 450m, including:

- 2.08m at 4.22 % Zn from 457m

BLUE MOON
LONGITUDINAL SECTION OF THE MAIN ZONE

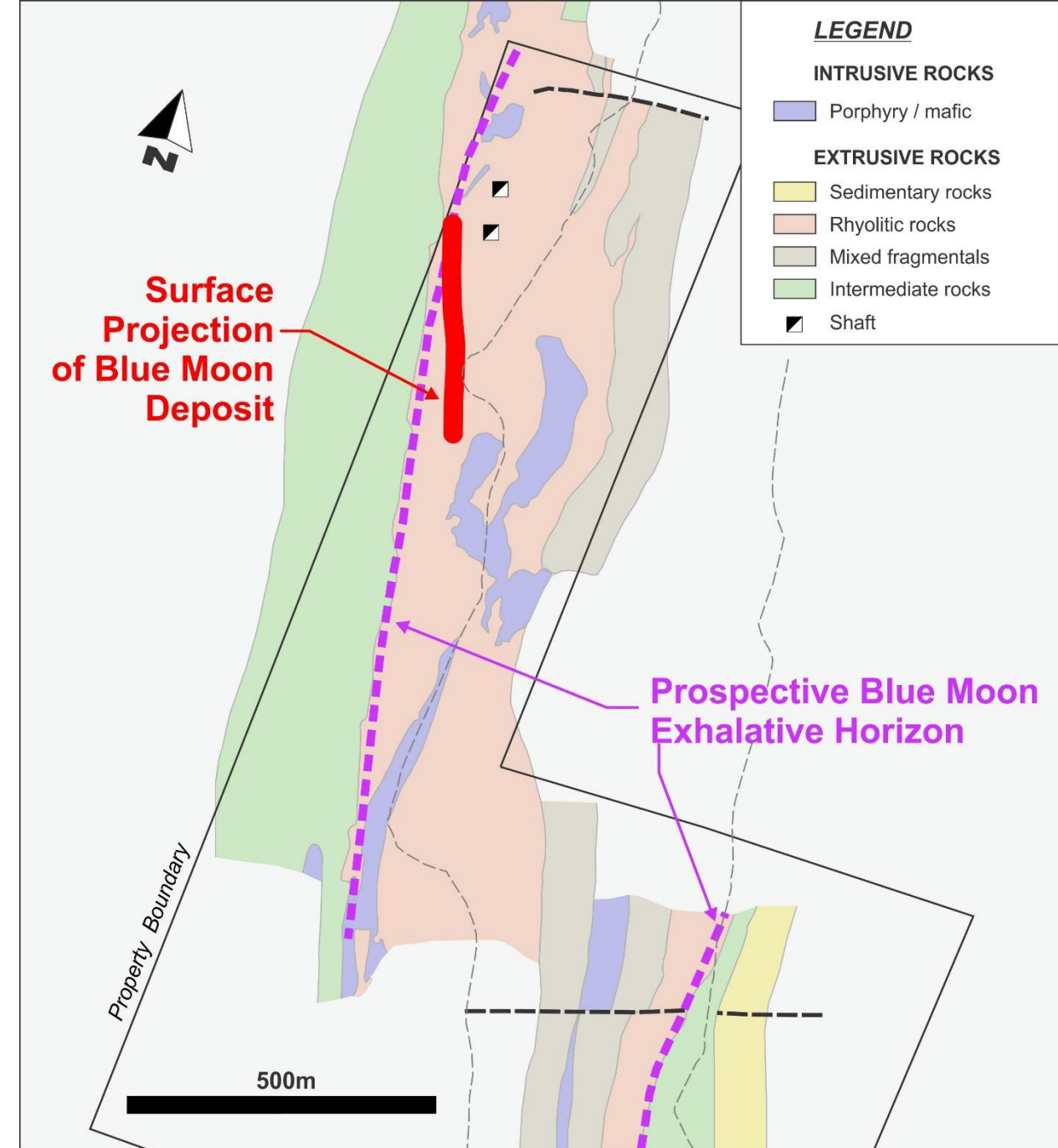
Recent drilling highlights gold and silver potential

- BMZ-78/79/80 represents the highest grades ever drilled in the deposit
- High grade intersections of gold (up to 14.5g/t) and silver (up to 513g/t)
- BMZ-78/79/80 confirms the presence of thick and steeply plunging massive sulphide mineralisation within the Main Zone



Tenement wide exploration potential

- Extent of the alteration indicates a large mineralising system may extend south of the current resource
- Geophysical anomalies along strike
- Untested trend of coincident soil and geophysical anomalies
- Blue sky potential to multiple "Blue Moon" style deposit on strike as VMS deposits are often found in clusters



Simple metallurgy

- 1988 Lakefield Research* results indicated potential:
 - High zinc recoveries and concentrate grades
 - High copper recoveries into concentrates containing gold and silver
 - Low iron and deleterious elements in the zinc concentrate
- Conventional flowsheet to produce clean zinc and copper concentrates
- Coarse grained sphalerite, chalcopyrite and galena results in easy separation of the economic minerals at high metallurgical recoveries

*See Blue Moon NI 43-101, 14 November 2018, at www.bluemoonmining.com



Major drilling program planned

- 1,100 metres completed in December 2019
- 8,900m drilling program planning underway
- Infill drilling for resource conversion
- Exploration drilling for resource expansion
- Initial focus on new high-grade zone within deposit – holes BMZ78/79/80 – which has potential to improve grade profile of the deposit
- Drill core to be used for metallurgical test work
- Generates significant news flow

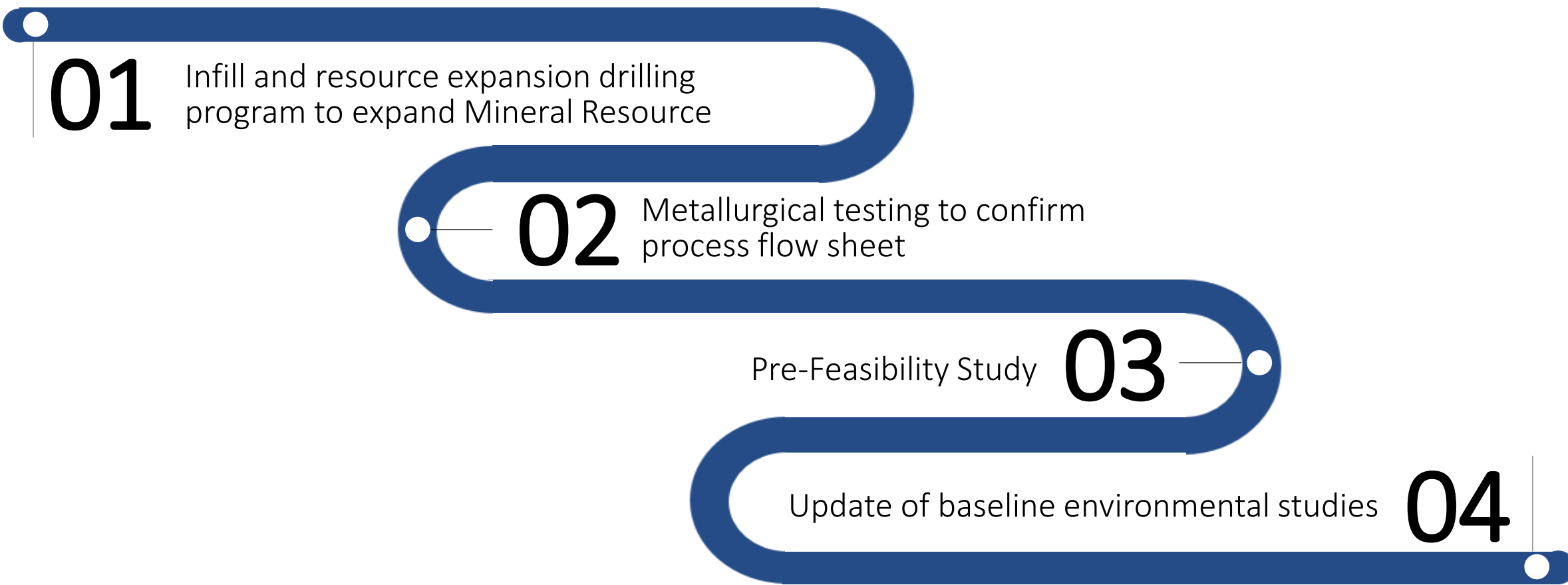


Located close to infrastructure

- Located 193 km east of San Francisco in Mariposa County
- 1 km from low-cost hydro-electric power
- 150 km to Oakland export port via sealed roads
- Labour and contractors available locally and Reno
- Stable jurisdiction with low corporate taxes and no state royalties
- Strong County support for development
- No anticipated environmental issues



Pathway to production



01 Infill and resource expansion drilling program to expand Mineral Resource

02 Metallurgical testing to confirm process flow sheet

Pre-Feasibility Study **03**

Update of baseline environmental studies **04**

Platina Projects

Realising full value
of other Platina
projects remains a
priority.

Our existing
assets still have
real value.

Skaergaard Gold & PGM Project

Seeking Partner for Significant Deposit

- Located on the east coast of Greenland
- 100% owned by Platina
- 68 drill holes and 35,000m of diamond drilling
- Updated Scoping Study in December 2019
- Palladium market fundamentals robust – price peaked over US\$2,500/oz in January 2020

RESOURCE CLASSIFICATION	Tonnes (kt)	Gold (g/t)	Palladium (g/t)	Platinum (g/t)	Gold equiv (g/t)	Gold (Moz)	Palladium (Moz)	Platinum (Moz)
INDICATED	5,080	1.25	0.88	0.06	1.66	0.20	0.14	0.01
INFERRED	197,140	0.87	1.35	0.11	1.51	5.49	8.53	0.68
TOTAL	202,220	0.88	1.33	0.11	1.52	5.69	8.67	0.69

Notes:

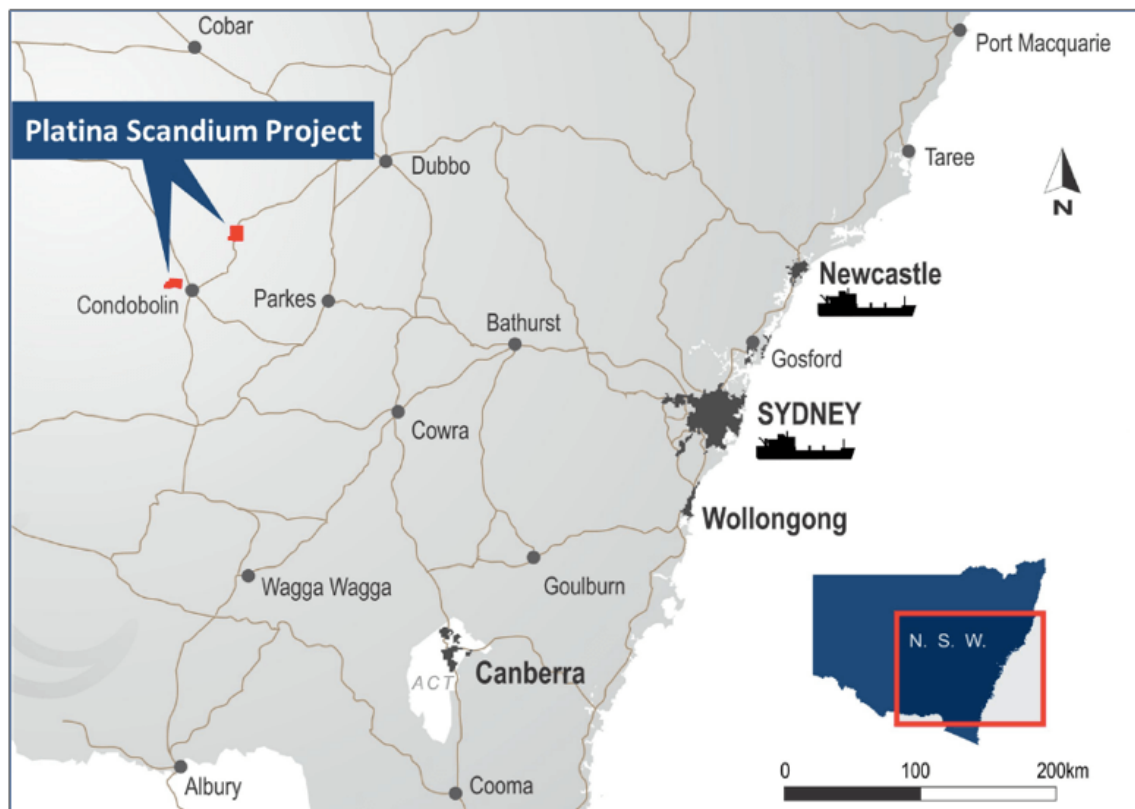
- Mineral Resources are not Mineral Reserves until they have demonstrated economic viability based on a Feasibility Study or Pre-feasibility Study;
- The contained Au represents estimated contained metal in the ground and has not been adjusted for metallurgical recovery;
- $AuEq = Au + Pt + (Pd \times 0.4)$; where the gold price is US\$1,400/oz and the platinum price is US\$1,400/oz and the palladium price is US\$560/oz;
- The metal equivalent calculation assumes 100% metallurgical recovery;
- Cut-off grade = 1g/t AuEq;
- Minimum thickness = 1m; parts below 1m thickness have been diluted to 1m. 10% reduction globally applied, to reflect dyke intersections;
- Resource split is approximately 44:26:30% between reefs H0:H3:H5.
- See ASX release, 23 July 2013, "New Resource Estimate for Skaergaard Gold and PGM Project, East Greenland"

Palladium more precious than gold

- One of the best performing metals in 2019
- Price trading above US\$2,500/oz
- Palladium's largest single use (~85%) is in automotive catalytic converters which clean petrol vehicle exhaust emissions
- Few primary supply sources. Most supply by-product of nickel and platinum production
- Supply dominated by South Africa and Russia
- ~30% of supply from recycling
- Persistent market deficits driving strong prices and robust outlook



Platina Scandium Project



Scandium market development and offtake program underway

Start up CAPEX
A\$68m

Post-tax NPV (8% real)
A\$234.0m

Capital payback
5.3 years

Annual EBITDA (avg)
A\$47m

Stage 2 CAPEX
A\$16m

Post-tax IRR
29%

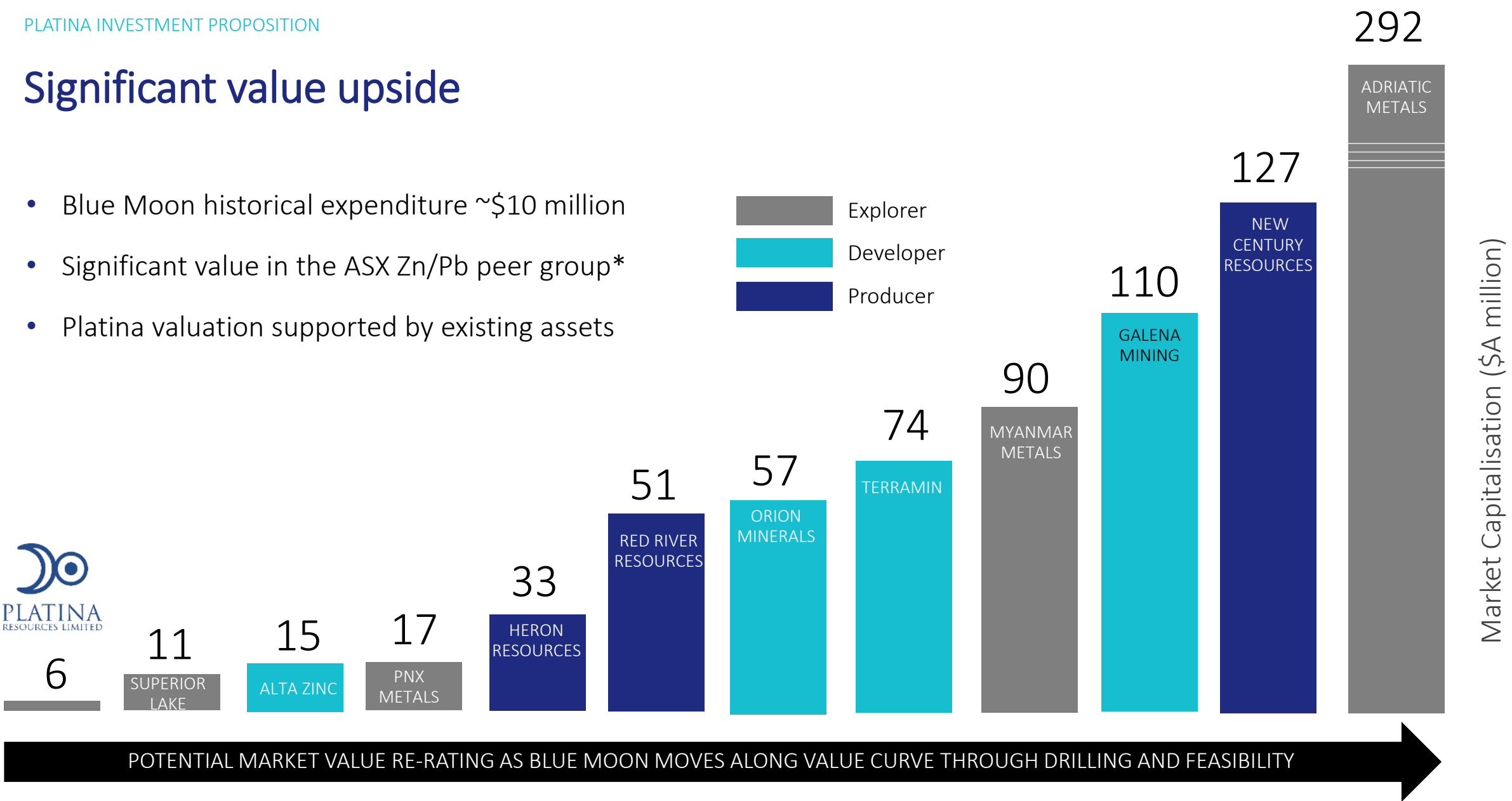
Annual Revenue (avg)
A\$77m

Price forecast
US\$1,550/kg

Definitive Feasibility Study Results – December 2018

Significant value upside

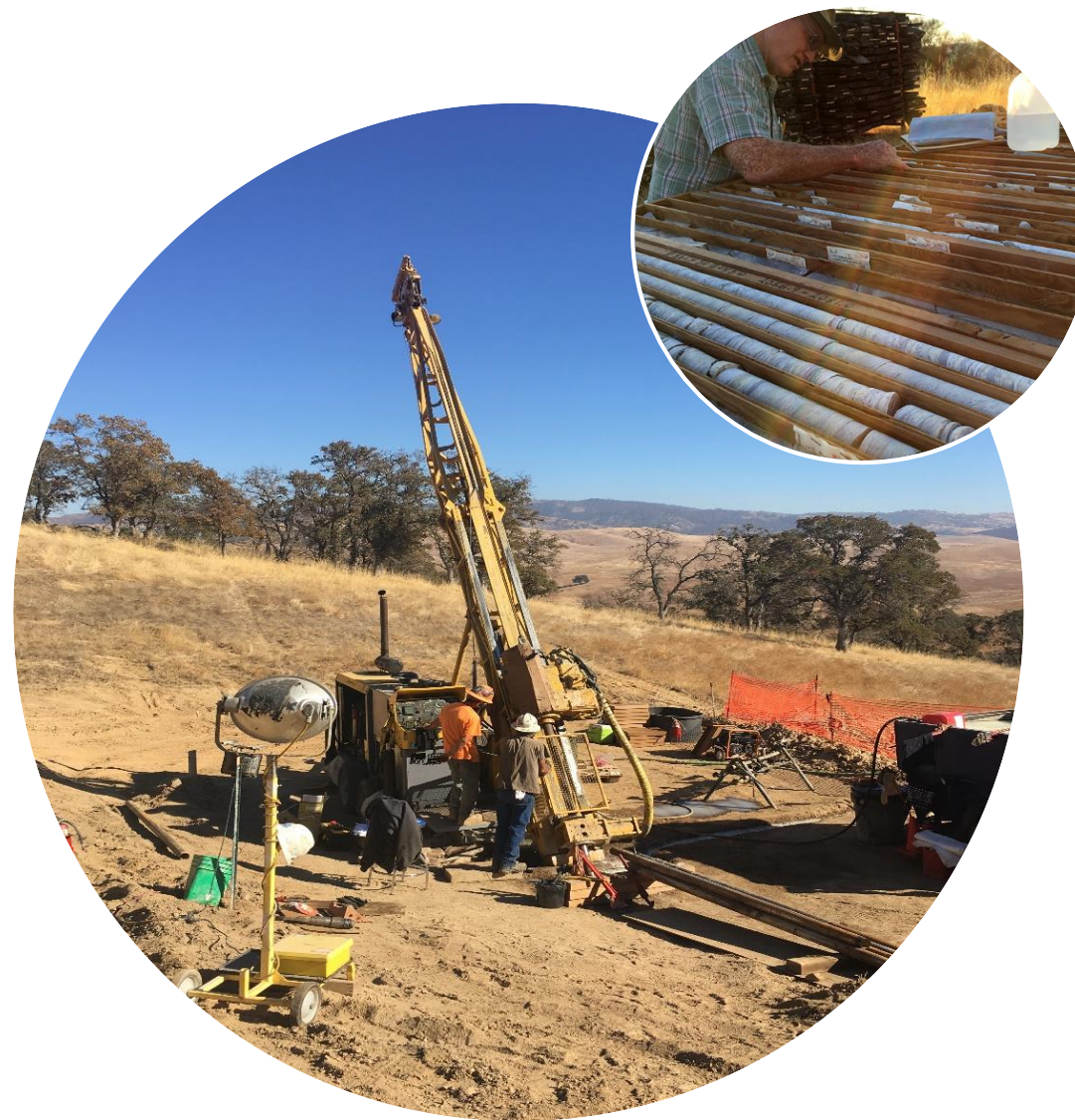
- Blue Moon historical expenditure ~\$10 million
- Significant value in the ASX Zn/Pb peer group*
- Platina valuation supported by existing assets



* See overview of the peer companies in Appendix . Market capitalisation based on closing prices and share capital as at 14/2/2020. There is no assurance that Platina will achieve any of the valuation increases shown by the peer group zinc companies as it advances Blue Moon through drilling and feasibility towards development

Summary investment proposition

- Blue Moon project underpinned by a large resource with significant expansion potential
- News flow to increase with Blue Moon drilling and feasibility work programs
- Market capitalisation underwritten by existing portfolio of assets which will be monetised in an orderly fashion
- Peer group metrics suggest strong potential uplift potential



DISCLAIMER

CAUTIONARY AND FORWARD-LOOKING STATEMENTS

This presentation contains “forward-looking information” which may include, but is not limited to, statements with respect to the future financial or operating performance of Platina Resources Limited (“Platina”), its subsidiaries and its projects, the future price of platinum group metals (“PGM’s”), the estimation of mineral resources, operating and exploration expenditures, costs and timing of development of new deposits, costs and timing of future exploration, requirements for additional capital, government regulation, environmental risks, reclamation expenses, title disputes or claims and limitations of insurance coverage. Often, but not always, forward-looking statements can be identified by the use of words such as “plans”, “expects”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates”, or “believes” or variations (including negative variations) of such words and phrases, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Platina and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward looking statements. Such factors include, among others, general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of PGM’s; possible variations of ore grade or recovery rates; failure of plant, equipment or processes to operate as anticipated; accident, labor disputes and other risks of the mining industry; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities. Although Platina has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other factors that could cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking statements contained herein are made as of the date of this presentation and Platina disclaims any obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements.

Platina undertakes no obligation to update forward-looking statements if circumstances or management’s estimates or opinions should change. Accordingly, the reader is cautioned not to place undue reliance on forward-looking statements

COMPETENT PERSON STATEMENT

The information in this report that relates to Blue Moon Exploration Results is based on information compiled by Dr Gustavo Delendatti, a member of the Australian Institute of Geoscientists. Dr Delendatti is an independent consultant, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which it is undertaking to qualify as a Competent Person as defined in the JORC Code (2012 Edition) of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.” Dr Delendatti was responsible for the review of the exploration and drilling information, supervised the preparation of the technical information in this release and has relevant experience and competence of the subject matter. Dr Delendatti, as competent person for this announcement, has consented to the inclusion of the information in the form and context in which it appears herein.

The information in this presentation that relates to the Mineral Resources and Ore Reserves were last reported by the Company in compliance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves in market releases dated as follows:

- Skaergaard Mineral Resource Estimate, 13 March 2013;
- Platina Scandium Project - Positive Definitive Feasibility Study, 13 December 2018;
- Platina Scandium Project Ore Reserve, 13 December 2018;
- Transformational Transaction – Joint Venture on a high-grade Zinc-Copper-Gold project, 29 August 2019;
- Drilling Intersects Significant Zinc Mineralisation, 24 January 2020; and
- High grade zinc, gold and silver at Blue Moon, 3 February 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 above and further confirms that all material assumptions underpinning the production targets and all material assumptions and technical parameters underpinning the Ore Reserve and Mineral Resource statements contained in those market releases continue to apply and have not materially changed.

This presentation was authorised by Mr Corey Nolan, Managing Director of Platina Resources Limited.

PEER COMPARISON COMPANY DESCRIPTION

Company & Website	ASX Code	Status	Description
New Century Zinc www.newcenturyzinc.com.au	NCZ	Producer	An Australian based zinc and lead producer operating the Century Mine tailings project in Queensland, Australia.
Heron Resources www.heronresources.com.au	HRR	Producer	Operates the Woodlawn lead-zinc deposit in New South Wales in Australia.
Red River Resources www.redriverresources.com.au	RVR	Producer	Red River acquired the Thalanga base metal Project in QLD in late 2014, and restarted operations in 2017, with first production from the West 45 underground deposit producing separate copper, lead and zinc concentrates.
Adriatic Resources www.adriaticresources.com.au	ADT	Explorer	Owner of the Vares Mining Concession in Bosnia and Herzegovina. The Vares Project contains two exploration deposits, Veovaca and Rupice, which have previously been mined for Lead, Zinc and Barite.
Terramin Australia www.terraminaustralia.com.au	TZM	Explorer	Base and precious metal development company which owns 65% of the undeveloped Tala Hama Zinc project in Algeria and gold development projects in South Australia.
Galena Mining www.galenamining.com.au	G1A	Explorer	Developing the Abra Lead-Silver Project in Western Australia which contains a JORC Lead Mineral Resource. Abra is within a granted mining lease. Bankable Feasibility Study completed in July 2019

PEER COMPARISON COMPANY DESCRIPTION

Company & Website	ASX Code	Status	Description
Myanmar Metals www.myanmarmetals.com.au	MYL	Explorer	Controls a 51% majority participating interest in the world class Bawdwin deposit located in Shan State, Myanmar. Pre-Feasibility Study completed.
Galena Mining www.galenamining.com.au	G1A	Explorer	Developing the Abra Lead-Silver Project in Western Australia which contains a JORC Lead Mineral Resource. Abra is within a granted mining lease. Bankable Feasibility Study completed in July 2019
Orion Minerals www.orionminerals.com.au	ORN	Explorer	Mineral explorer and developer focused on the Prieska Copper-Zinc Project in South Africa's Northern Cape Province. Bankable Feasibility Study completed.
Alta Zinc www.altazinc.com.au	AZI	Explorer	Alta Zinc owns the historic Gorno Zinc Project located in the Lombardia region of northern Italy where it is preparing to recommence mining activities based on a JORC Mineral Resource.
Superior Lake Resources www.superiorlake.com.au	SUP	Explorer	The Superior Lake Zinc Project is located around 200 kilometers east of Thunder Bay in the province of Ontario in Canada. The Project covers an area of 175km ² and consists of two deposits – Winston Lake and Pick Lake. Currently completing a Definitive Feasibility Study.
PNX Metals www.pnxmetals.com.au	PNX	Explorer	Owns a significant base and precious metals tenement portfolio, primarily in the Northern Territory but also in South Australia. Key focus is the development of the Hayes Creek zinc-gold-silver VMS project which as a completed Pre-Feasibility Study



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