



**NAGAMBIE
RESOURCES**

***AUSTRALIA'S NEXT HIGH-
GRADE GOLD & ANTIMONY
PRODUCER***

**Annual General Meeting
Presentation**

25 NOVEMBER 2022 | ASX: NAG



Drilling of NAD009 to NAD015 beneath the West Pit

DISCLAIMER

The material in this presentation has been prepared by Nagambie Resources Limited ("Company").

This presentation may not be reproduced, redistributed or passed on, directly or indirectly, to any other person, or published, in whole or in part, for any purpose without prior written approval of the Company. This presentation and the material contained in it is for information purposes only. This presentation is not an offer or invitation for subscription or purchase of, or a recommendation in relation to, securities in the Company and neither this presentation nor anything contained in it shall form the basis of any contract or commitment.

This presentation may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in such jurisdiction. Recipients should inform themselves of the restrictions that apply in their jurisdiction. Failure to do so may result in a violation of rules in such a jurisdiction.

This presentation is not financial product or investment advice. It does not consider the investment objectives, financial situation and particular needs of any investor. Before making an investment in the Company, an investor or prospective investor should consider whether such an investment is appropriate to their particular investment needs, objectives and financial circumstances, seek legal and taxation advice as appropriate and consult a financial adviser if necessary.

This presentation may contain forward-looking statements. Forward-looking statements include those containing such words as "anticipate", "estimates", "forecasts", "should", "could", "may", "ideal", "intends", "will", "expects", "plans" or similar expressions. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management that could cause the Company's actual results to differ materially from the results expressed or anticipated in these statements. The Company cannot and does not give any assurance that the results, performance or achievements expressed or implied by the forward looking statements contained in this announcement will actually occur and investors are cautioned not to place undue reliance on these forward looking statements. The Company does not undertake to update or revise forward looking statements, or to publish prospective financial information in the future regardless of whether new information, future events or any other factors affect the information contained in this presentation, except where required by applicable law or the ASX Listing Rules. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by a range of variables and changes in underlying assumptions which could cause actual results or trends to differ materially. The Company does not make any representation or warranty as to the accuracy of such statements or assumptions.

This presentation has been prepared by the Company based on information currently available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party, nor any other person accepts any liability for any loss arising from the use of this presentation or its contents or otherwise arising in connection with it, including without limitation, any liability arising from fault or negligence on the part of the Company or its subsidiaries or affiliates or the directors, employees, agents, representatives or advisers of any such party.

CORPORATE OVERVIEW



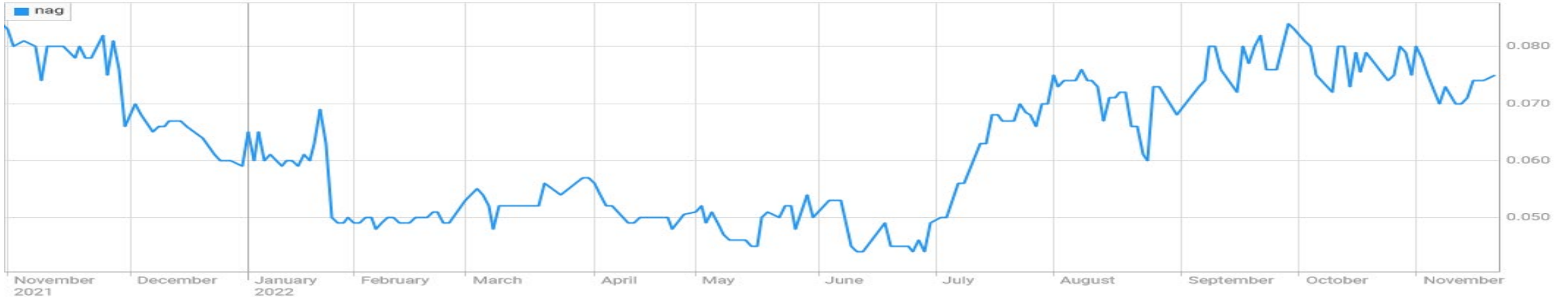
Company ASX Code	NAG
Share Price ¹	AUD\$0.075
Ordinary Shares on Issue	~528M
Options on Issue	~75M
Market Capitalisation (undiluted) ²	\$39.12M

Register

% Quoted shares

PPT Nominees Pty Ltd	15.81%
Southern Cross Gold	9.71%
Adare Manor Pty Ltd <Adare Manor Super Fund A/C>	5.98%
Directors and Senior Management	5%
Top 10	53.9%
Top 20	64.8%

Chart generated on 21/11/2022 at 5:21 pm



BOARD OF DIRECTORS



Michael Trumbull

Chairman

- Mining Engineer and MBA, Fellow of the AusIMM
- Over 40 years of broad mining industry experience with mines/subsidiaries including; MIM, Renison, WMC, CRA, AMAX, Nicron, ACM, ACM Gold and Beaconsfield Gold / BCD Resources
- One of the founding Directors of the company

Warwick Grigor

Non-Executive Director

- Chairman of Far East Capital Limited, an AFSL-accredited family office and investment group
- Founding Chairman of Canaccord Genuity Australia (retired 2014)
- Leading analyst with +40 years experience in investment banking, specialising in mining & technology

William Colvin

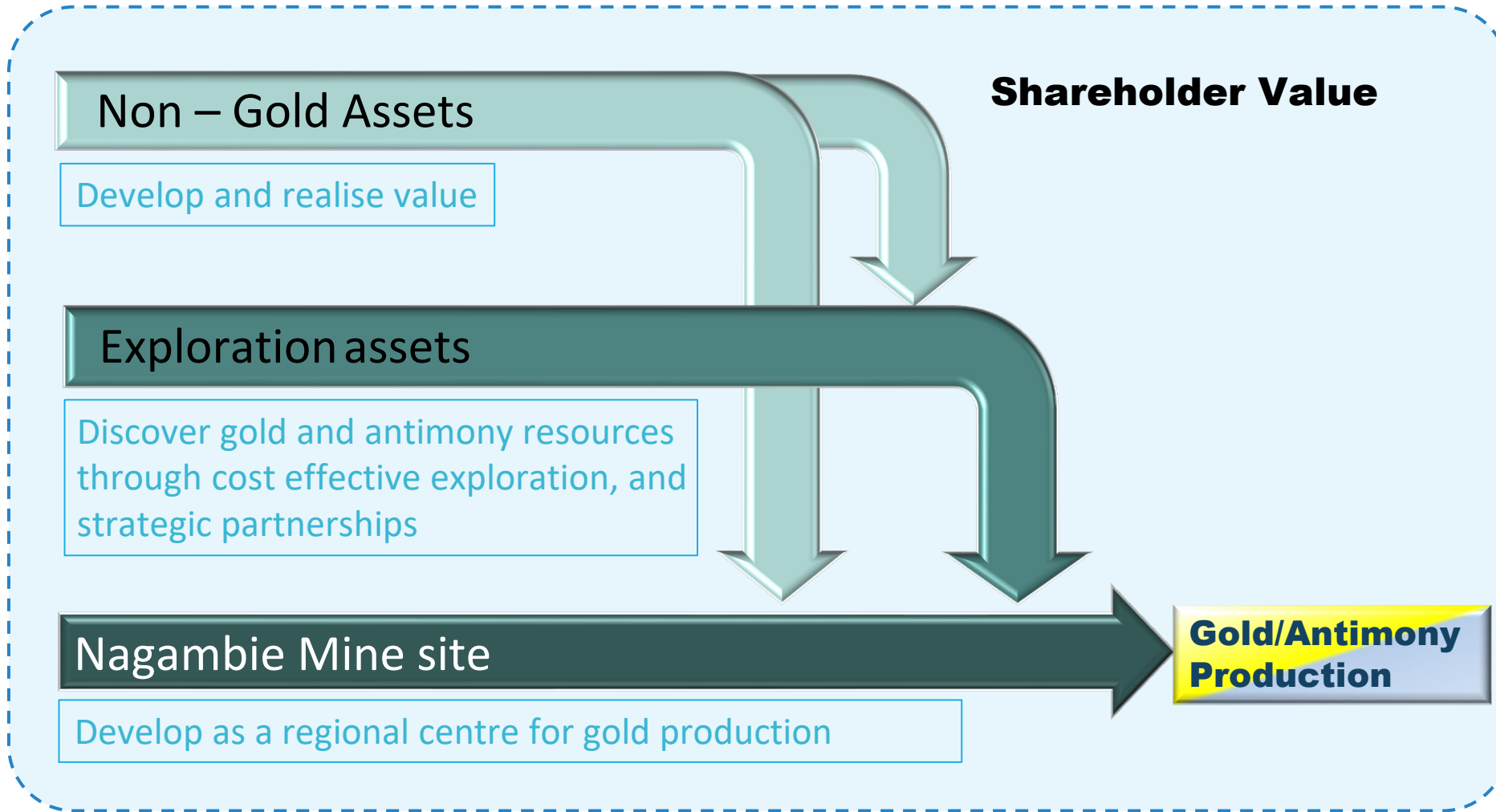
Non-Executive Director

- Mining Engineer and Chartered Accountant
- Over 30 years of broad experience with mines/subsidiaries of RGC/Goldfields, MPI Mines, Leviathan Resources, Beaconsfield Gold/BCD Resources and Bayan Airag Exploration LLC.
- Chairman of the Audit and Compliance Committee

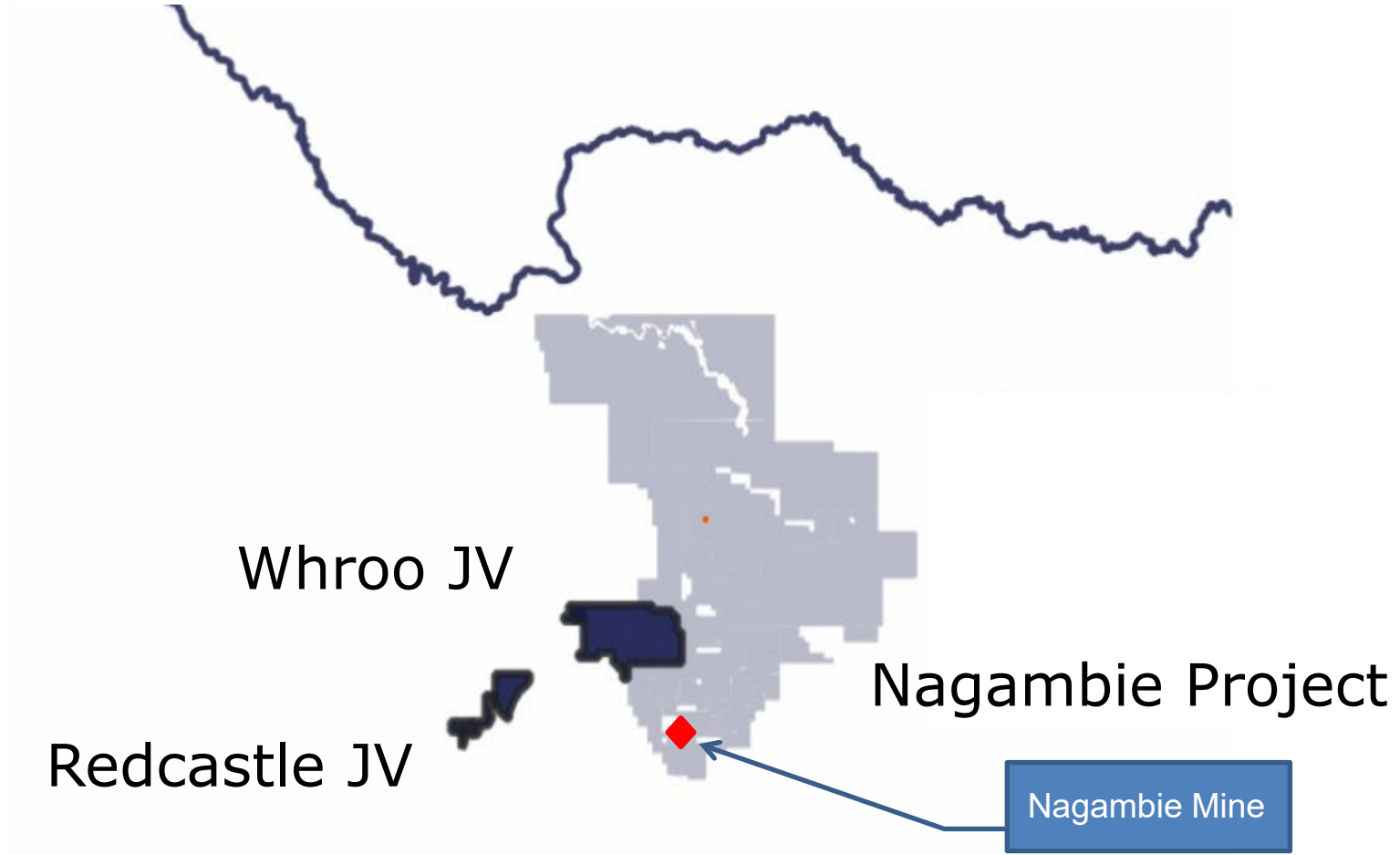
Alfonso Grillo

Non-Executive Director

- Founding Partner of GrilloHiggins Lawyers
- Over 20 years experience as a corporate lawyer
- Advises resource industry companies in relation to mining and exploration projects, acquisition and divestment of assets
- Member of the Audit and Compliance Committee



EXPLORATION PROJECTS

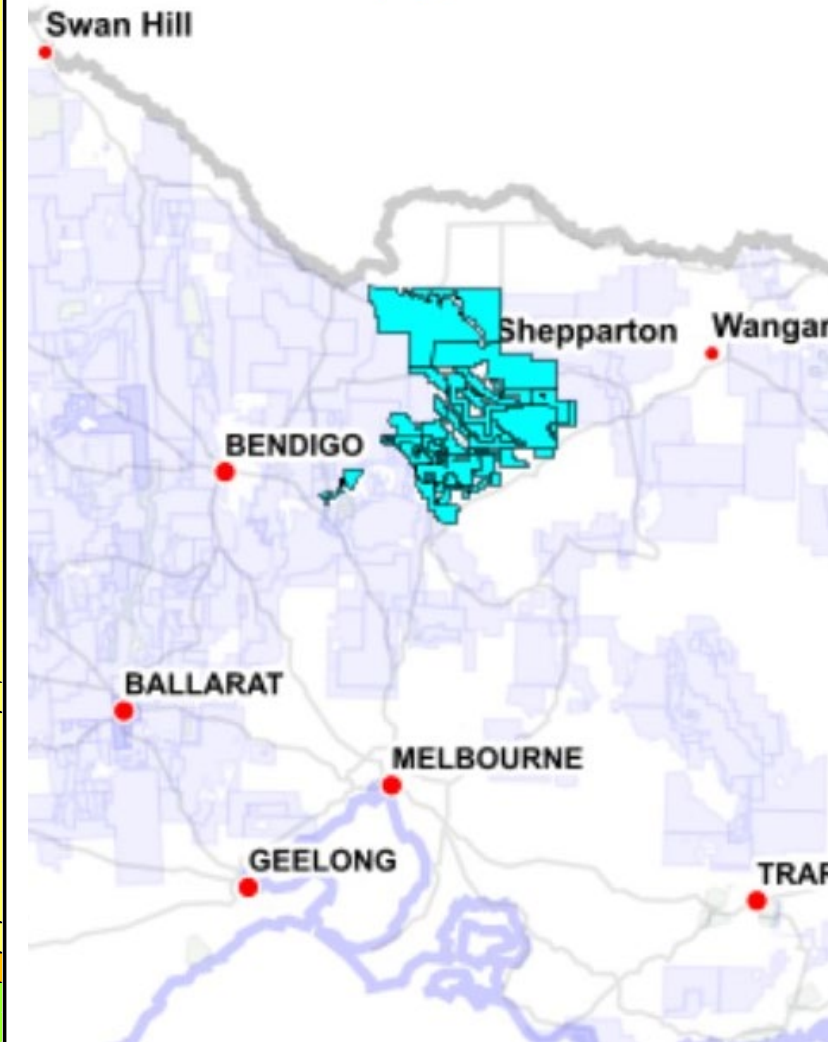


TENEMENTS

Nagambie Resources holds:

- 25 tenements totalling 3,082 sq km
- 7 tenements in the Whroo JV totalling 179 sq km
- 3 tenements totalling 75 sq km in the Redcastle JV

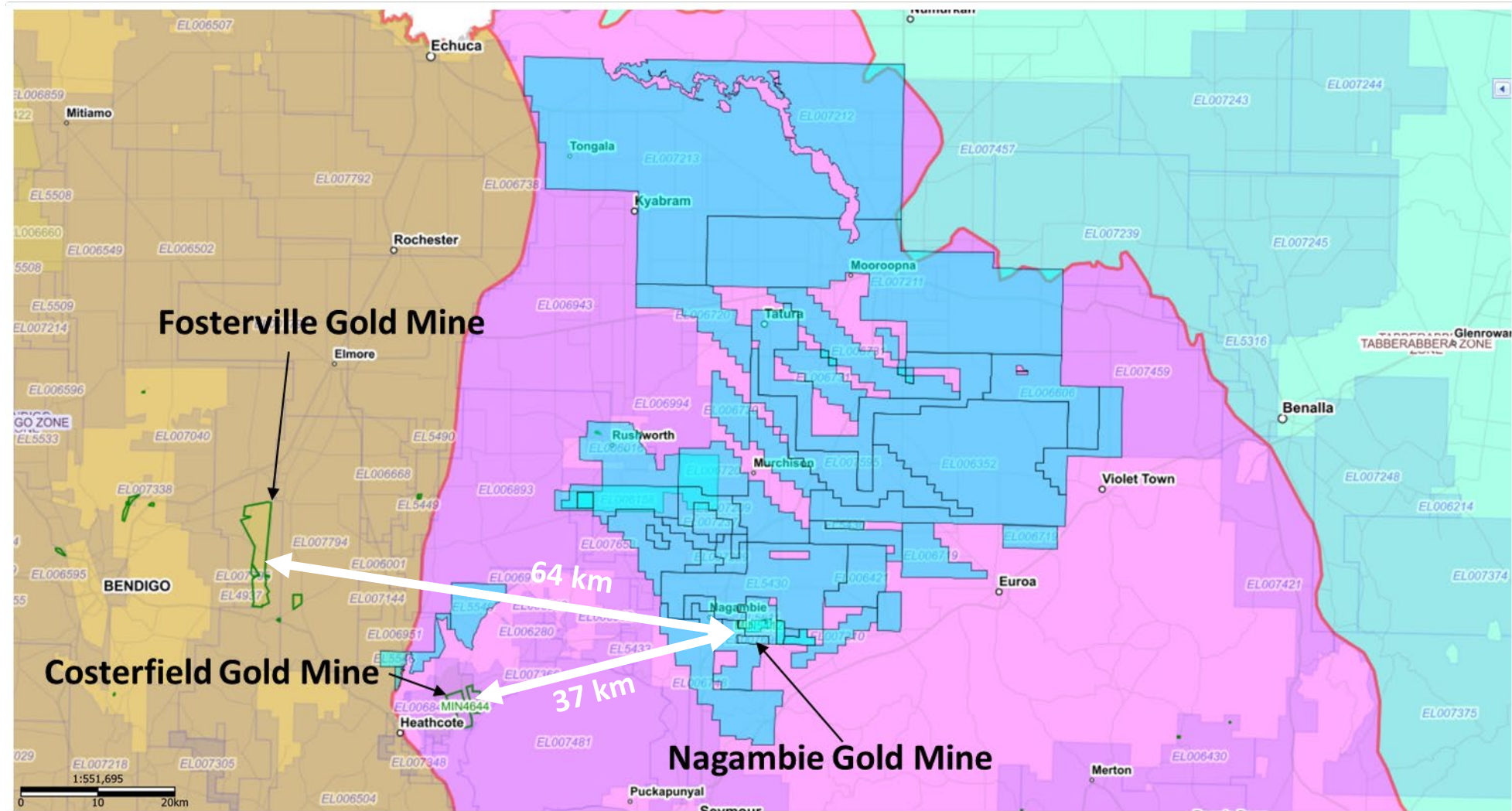
Tenement Number	Tenement Name	sq km
MIN 5412	Nagambie Mining Licence	3.5
EL 5430	Bunganail Exploration Licence	160.0
EL 5511	Nagambie Central Exploration Licence	21.0
EL 6352	Miepoll Exploration Licence	342.0
EL 6508	Tabilk Exploration Licence	33.0
EL 6606	Gowangardie Exploration Licence	88.0
EL 6719	Euroa Exploration Licence	81.0
EL 6720	Tatura Exploration Licence	145.0
EL 6731	Arcadia Exploration Licence	218.0
EL 6748	Waranga Exploration Licence	102.0
EL 6937	Nagambie East Exploration Licence	2.0
EL 6877	Nagambie Exploration Licence	8.0
EL 7207	Arcadia Exploration Licence	156.0
EL 7208	Cullens Road Exploration Licence	29.0
EL 7210	Locksley Exploration Licence	26.0
EL 7211	Shepparton Exploration Licence	444.0
EL 7212	Shepparton North Exploration Licence	321.0
ELA 7213	Pederick Exploration Licence Application	683.0
EL 7264	Resource Recovery Exploration Licence	1.0
ELA 7265	Nagambie Town Exploration Licence Application	8.0
EL 7594	Miepoll East Exploration Licence	47.0
ELA 7595	Miepoll West Exploration Licence Application	113.0
ELA 7690	Nagambie South Exploration Licence Application	4.0
ELA 8082	Tabilk North Exploration licence Application	7.0
ELA 8083	Tabilk East Exploration Licence Application	40.0
Subtotal	Waranga Domain excluding Whroo JV Property	3,082.5
EL 6158	Rushworth Exploration Licence	46.0
EL 6212	Reedy Lake North Exploration Licence	17.0
EL 7205	Angustown Exploration Licence	49.0
EL 7209	Goulburn West Exploration Licence	34.0
EL 7237	Kirwans North (1) Exploration Licence	20.0
EL 7238	Kirwans North (2) Exploration Licence	9.0
RL 2019	Doctors Gully Retention Licence	4.0
Subtotal	Whroo JV Property with SXG	179.0
Total Waranga Domain		3,261.5
EL 5546	Redcastle Exploration Licence	51.0
EL 7498	Cornella Exploration Licence	19.0
EL 7499	Sheoak Exploration Licence	5.0
Subtotal	Redcastle JV Property with SXG	75.0
TOTAL	Nagambie Resources Limited Tenements	3,336.5



TENEMENTS

Fosterville Q1 2021
Au milled grade,
19.8 g/t
(World's highest)

Costerfield Q3 2022
grade **11.9 g/t Au**
and **2.7% Sb**

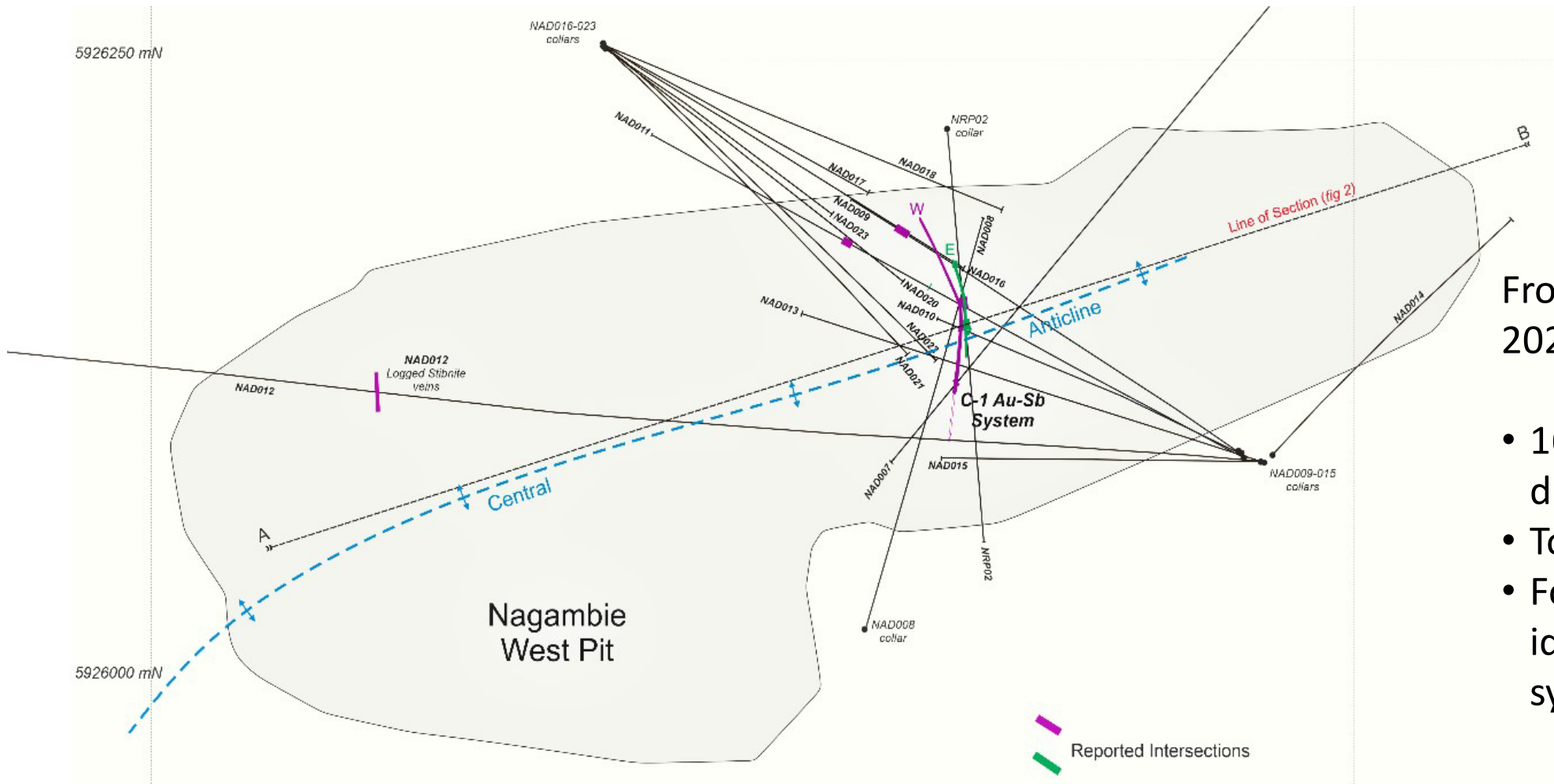


NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Drilling of the C1 antimony-gold vein system



From May to October 2022:

- 16 diamond holes drilled
- Total of over 4100m
- Four stibnite veins identified in the C1 vein system

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY

Massive stibnite veining

Massive Stibnite Veining in NAD009



Massive Stibnite Veining in NAD009 and NAD010

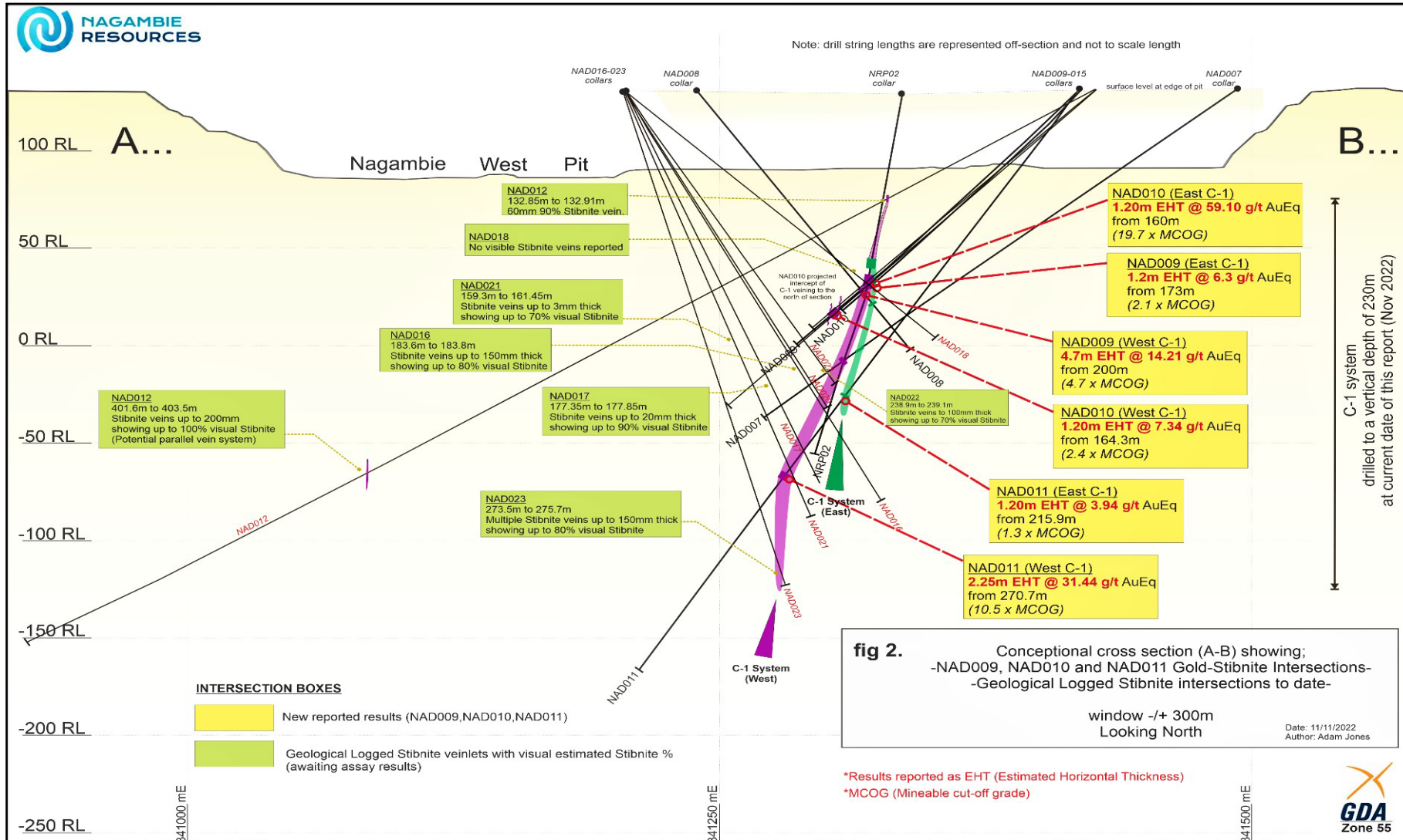


NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



C1 vein system



NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Growing number of minable high-grade intercepts in C1

	BD of unmineralised waste: 2.74 BD of pure Stibnite: 4.56				EHT and BD Weighting				
Intersection and potential stope	EHT (m)	Au Assay (g/t)	Sb Assay (Sb %)	AuEq (g/t)	BD based on Sb%	EHT & BD Weighted Au	EHT & BD Weighted Sb	EHT & BD Weighted AuEq	Times MCOG
NRP02 (PR)	2.50	4.84	7.51	22.55	2.89	5.42	9.15	27.01	9.0
NAD008 E (PR)	1.20	2.24	3.23	9.85	2.79	2.29	3.46	10.45	3.5
NAD009 E	1.20	0.02	2.47	5.85	2.78	0.02	2.66	6.30	2.1
NAD009 W	4.70	2.62	4.30	12.78	2.82	2.64	4.90	14.21	4.7
NAD010 E	1.20	13.18	17.08	53.49	3.08	12.48	19.76	59.10	19.7
NAD010 W	1.20	0.13	2.81	6.77	2.79	0.14	3.05	7.34	2.4
NAD011 E	1.20	0.10	1.48	3.60	2.77	0.11	1.62	3.94	1.3
NAD011W	2.25	0.80	11.02	24.76	2.95	0.77	13.00	31.44	10.5
Average to date	1.93				2.86	3.03	7.39	20.48	6.8

(PR) Previously reported; BD = bulk density

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY

More stopable high-grade intersects are likely

Logged Stibnite in C1 Veins (Assays Pending)

Diamond Hole	From (m)	To (m)	Downhole Length (m)	Visual Logging Notes
NAD012	132.85	132.91	0.06	60mm vein, 90% stibnite
NAD012	401.6	403.5	1.9	stibnite veins up to 200mm thick, up to 100% stibnite - potential parallel vein system
NAD016	183.6	183.8	0.2	stibnite veins up to 150mm thick, up to 80% stibnite
NAD017	177.35	177.85	0.5	stibnite veins up to 20mm thick, up to 90% stibnite
NAD021	159.3	161.45	2.15	stibnite veins up to 3mm thick, up to 70% stibnite
NAD022	238.9	239.1	0.2	stibnite veins up to 100mm thick, up to 70% stibnite
NAD023	273.5	275.7	2.2	multiple stibnite veins up to 150mm thick, up to 80% stibnite



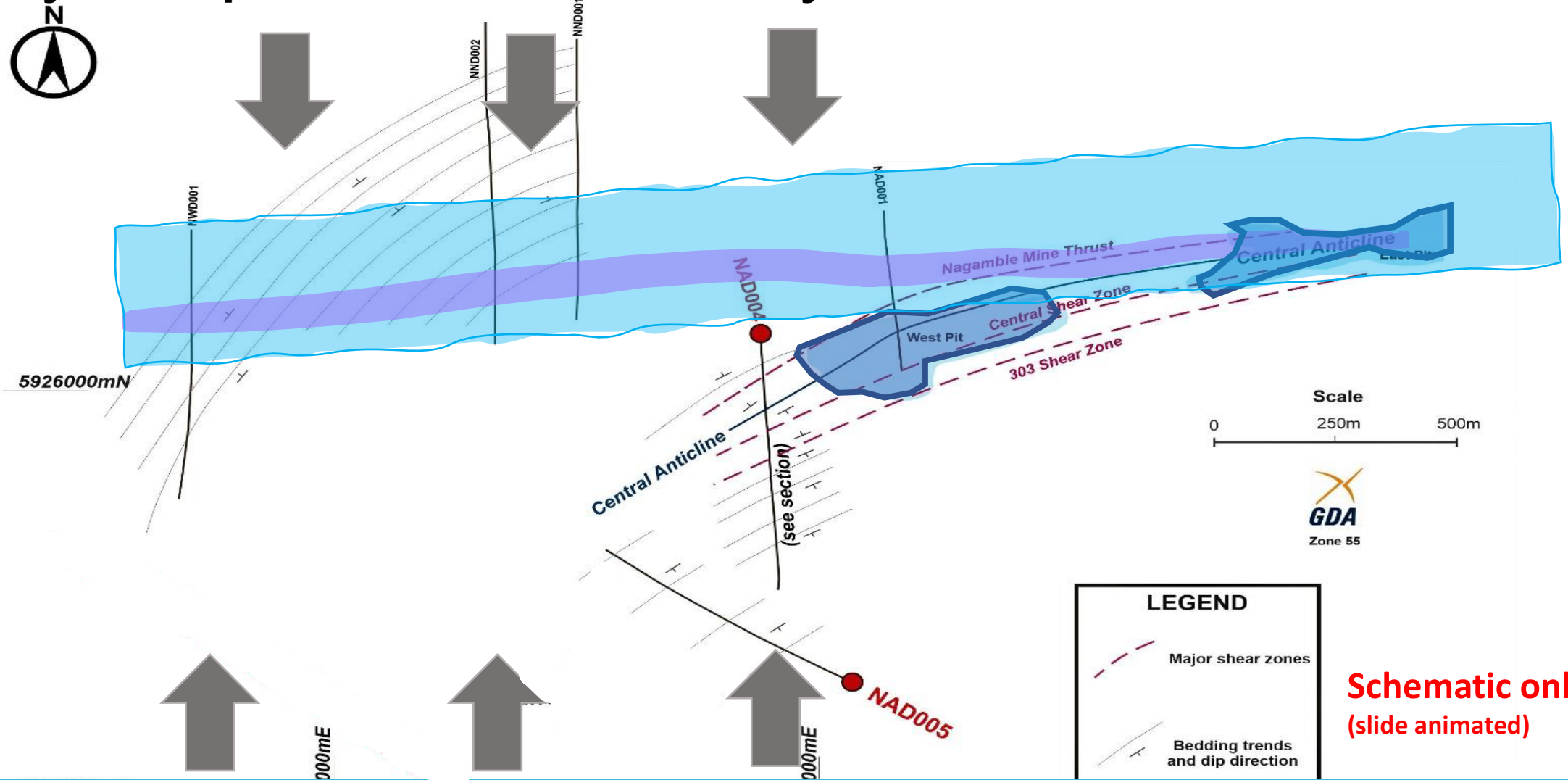
Visible gold and stibnite in diamond hole NAD013

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems



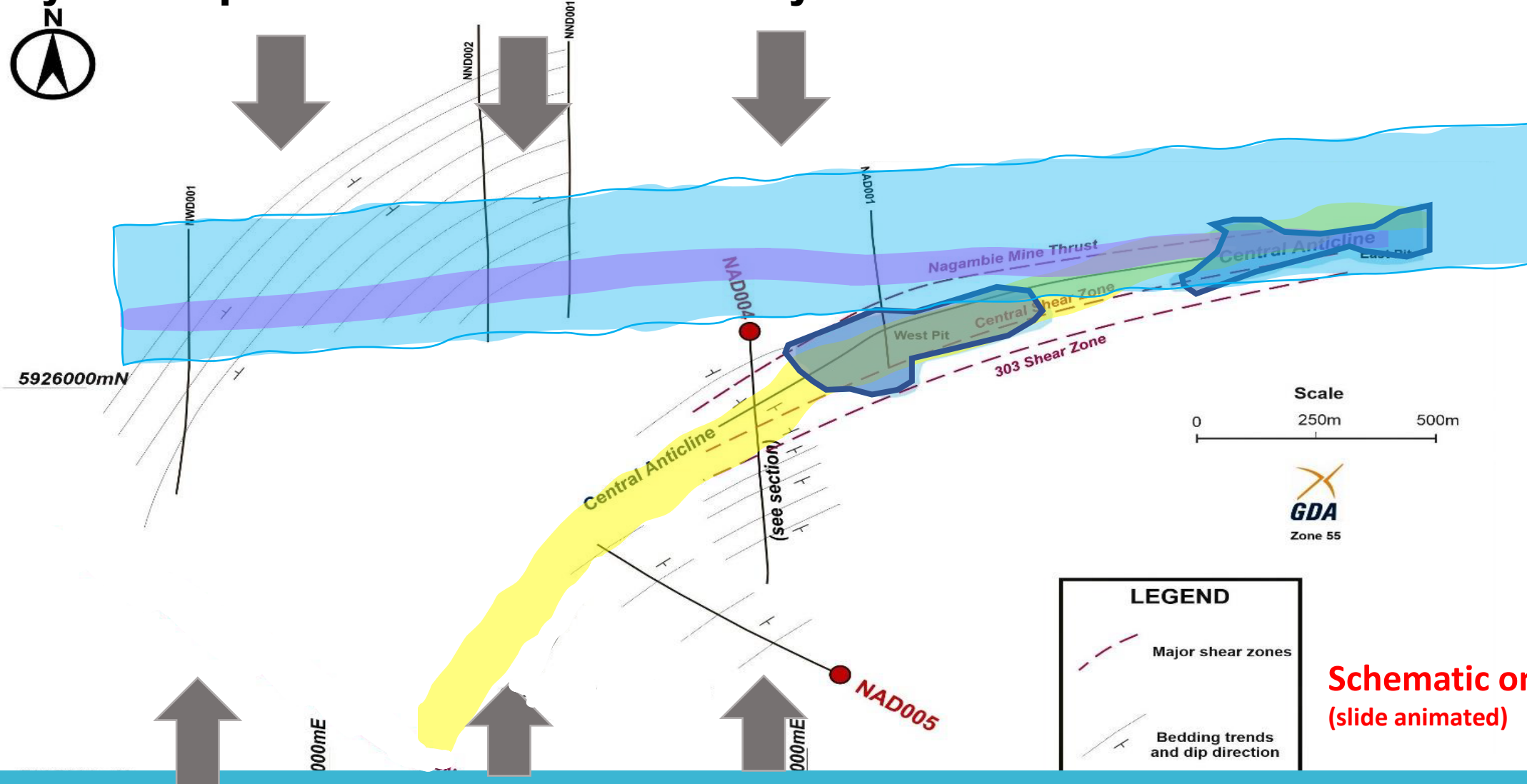
Schematic only
(slide animated)

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems



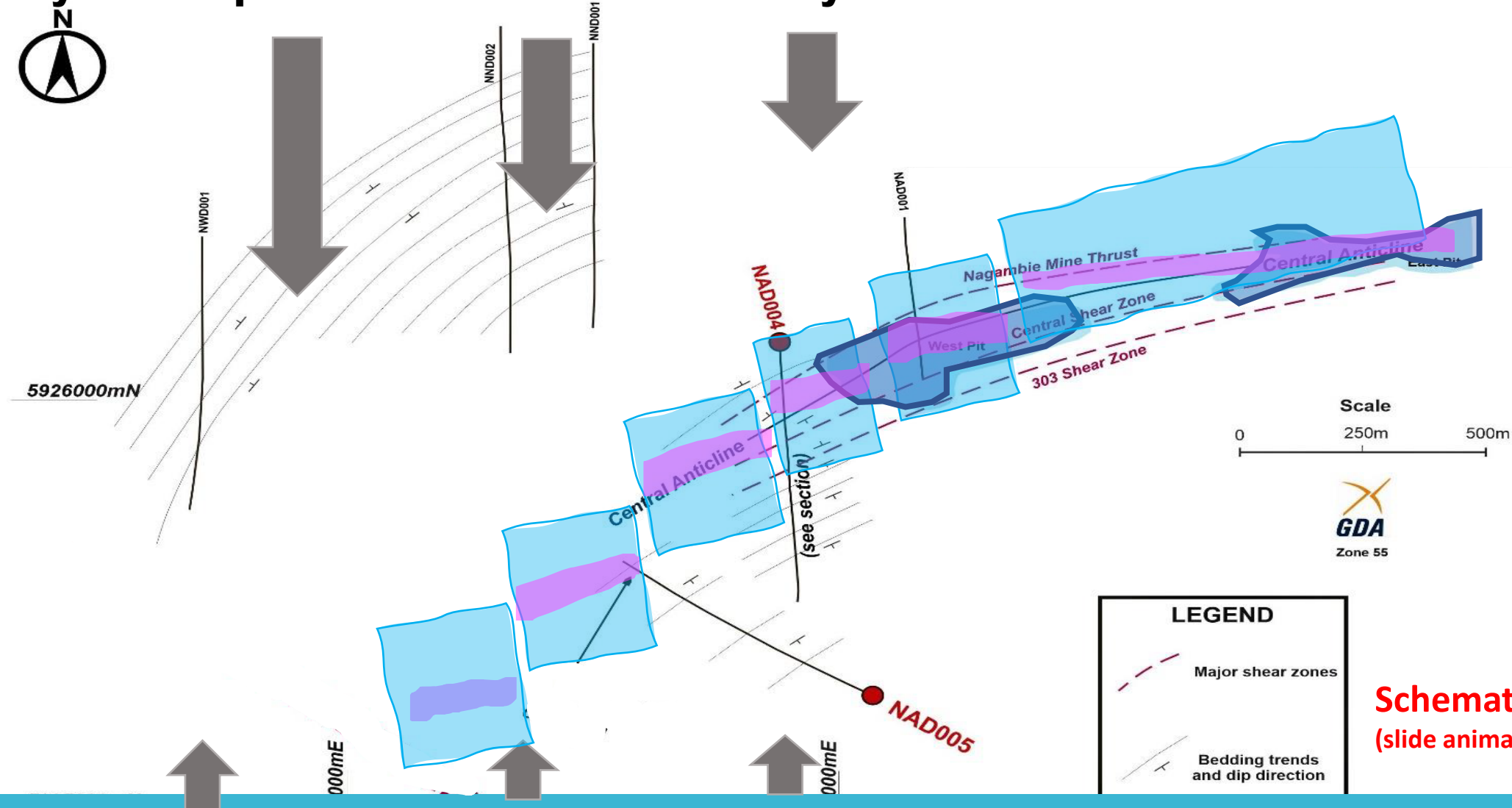
Schematic only
(slide animated)

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems

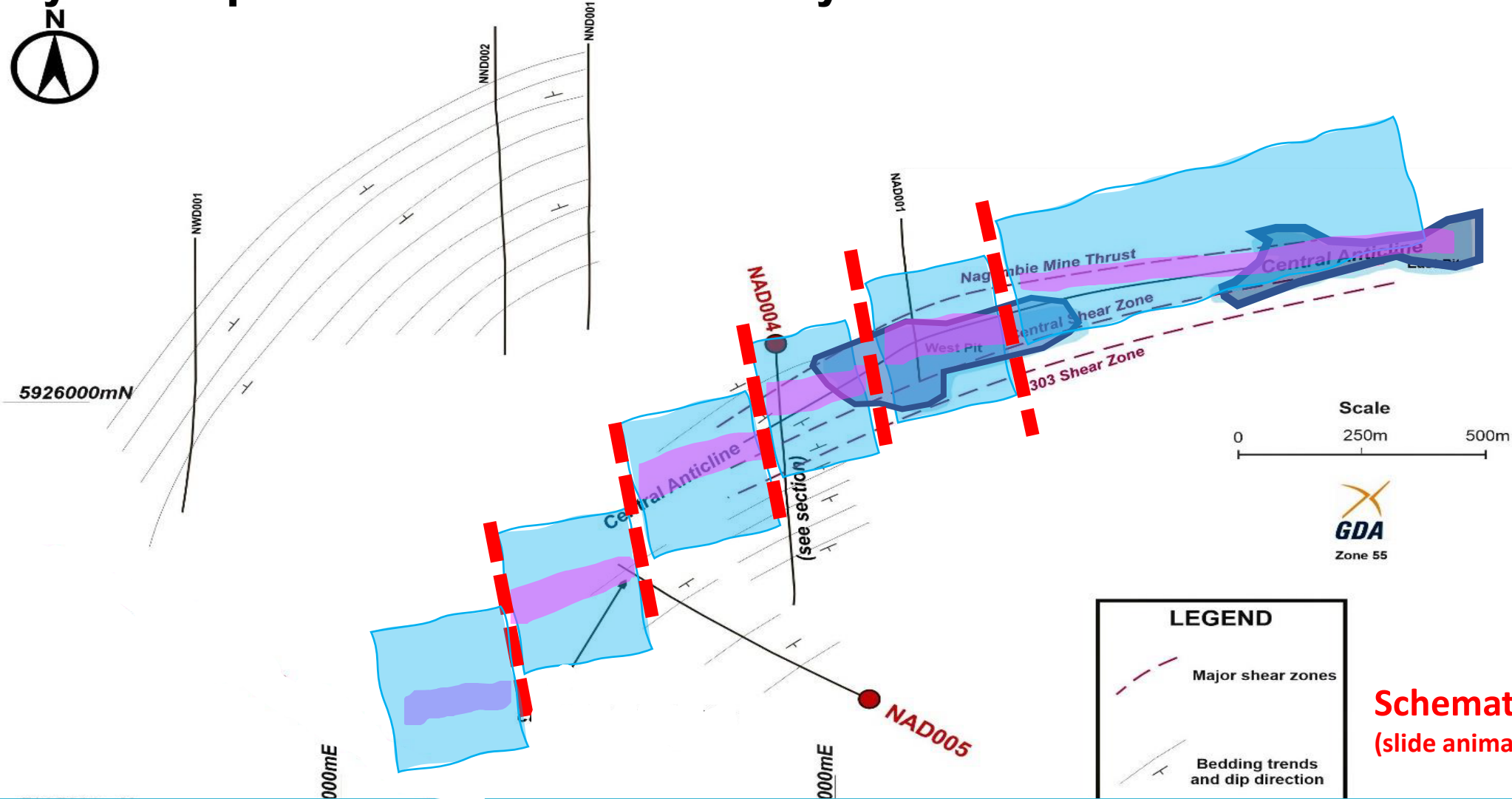


NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems

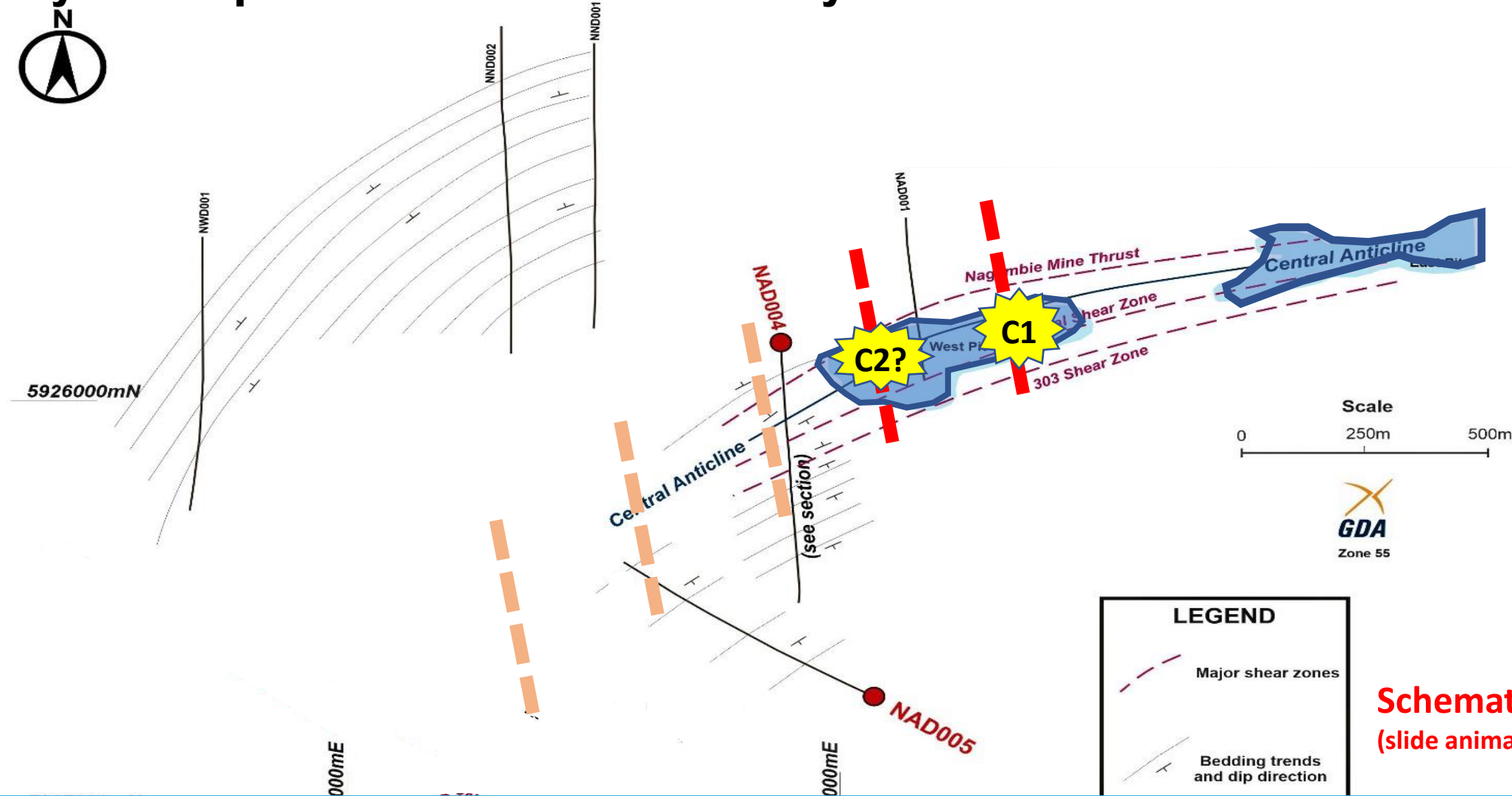


NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems

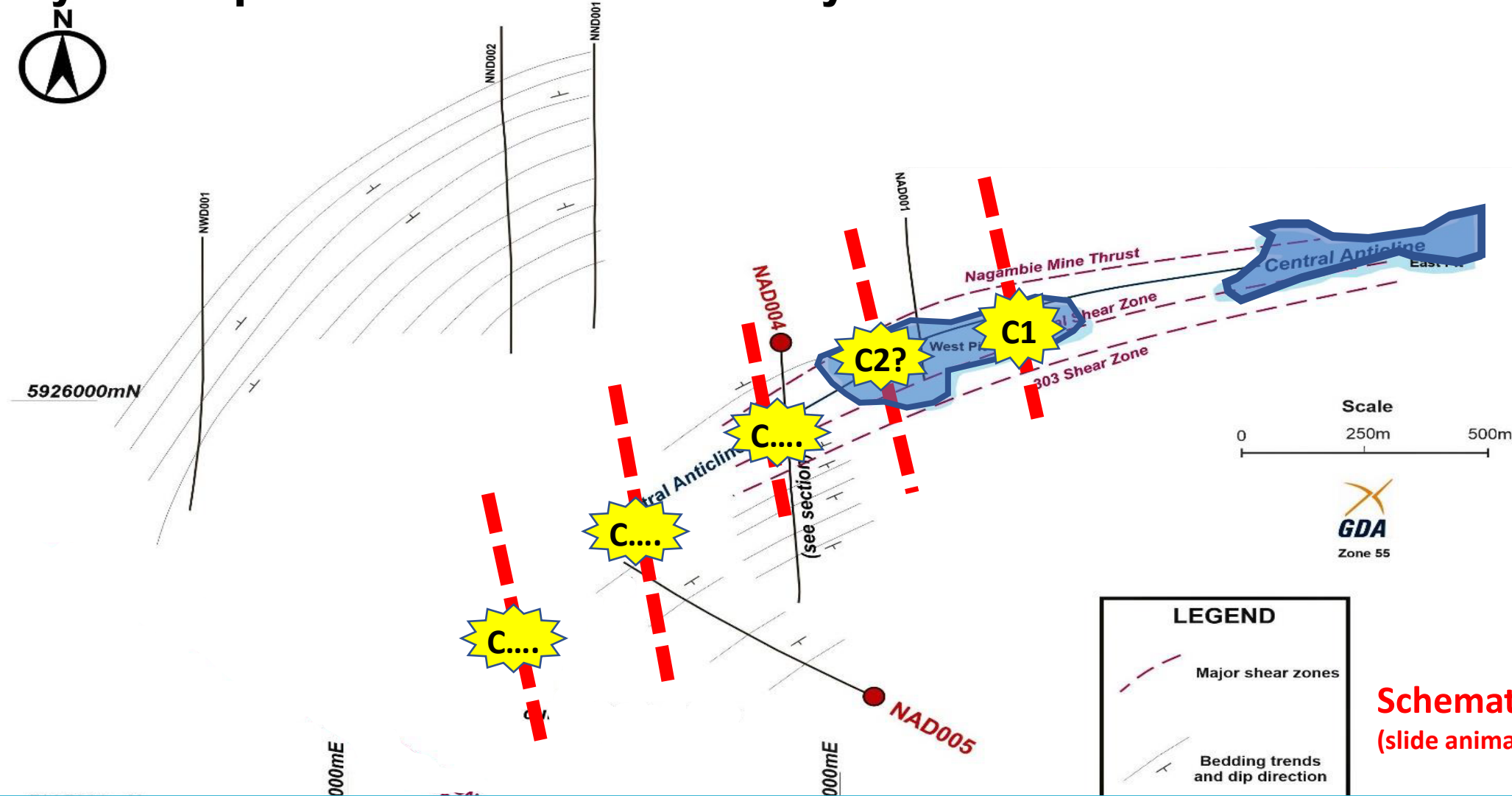


NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



Possibility of multiple North-South stibnite vein systems



Schematic only
(slide animated)

IMPORTANCE OF A GRANTED MINING LICENCE IN VICTORIA



A TREMENDOUS ADVANTAGE

- Originally issued for the Nagambie Heap Leach Gold Mine that operated in the 1990s
- Previous mining land uses make the Nagambie Mine site an ideal location for new mining activity
- Already having the licence ensures the avoidance of a lengthy permitting process that could add years to the planning and development cycle

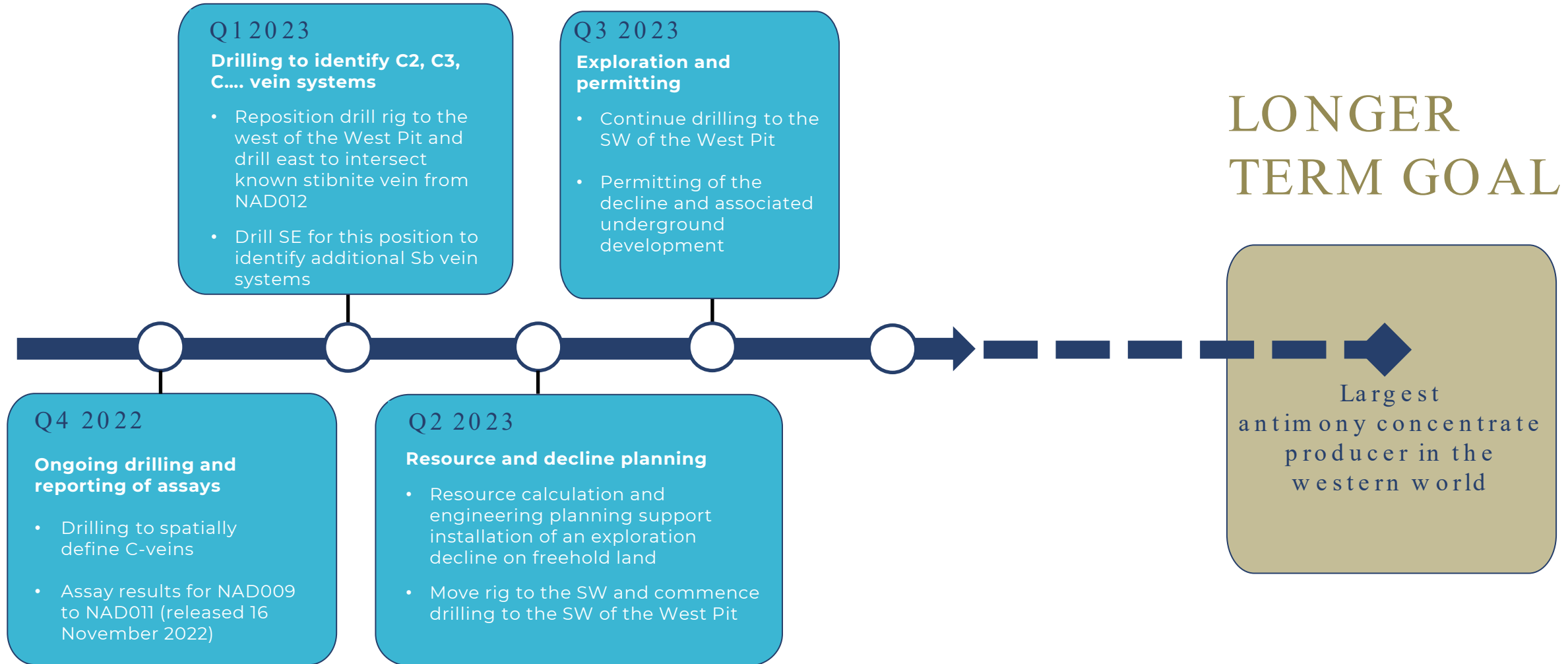


FIRST MOVER ADVANTAGE IN TIMES OF CHANGE

- Minerals processing is a major social and regulatory issue. Regulations and approvals are only tightening
- Access to sufficient reliable and affordable power and water supply, and tailings storage are challenging
- Nagambie will become the go-to facility for other explorers with non-tier 1 deposits or challenging licensing environments

NAGAMBIE PROJECT

HIGH-GRADE ANTIMONY-GOLD DISCOVERY



ANTIMONY

ANTIMONY IS A CRITICAL MINERAL

1

Antimony features highly on the critical minerals lists of many countries

2

Antimony alloys with lead and tin which results in improved properties for solders, ammunition, bearings and batteries.

Antimony is a prominent additive for halogen-containing flame retardants.

3

Supply is critical to the world's energy transition and to the high-tech industry

4

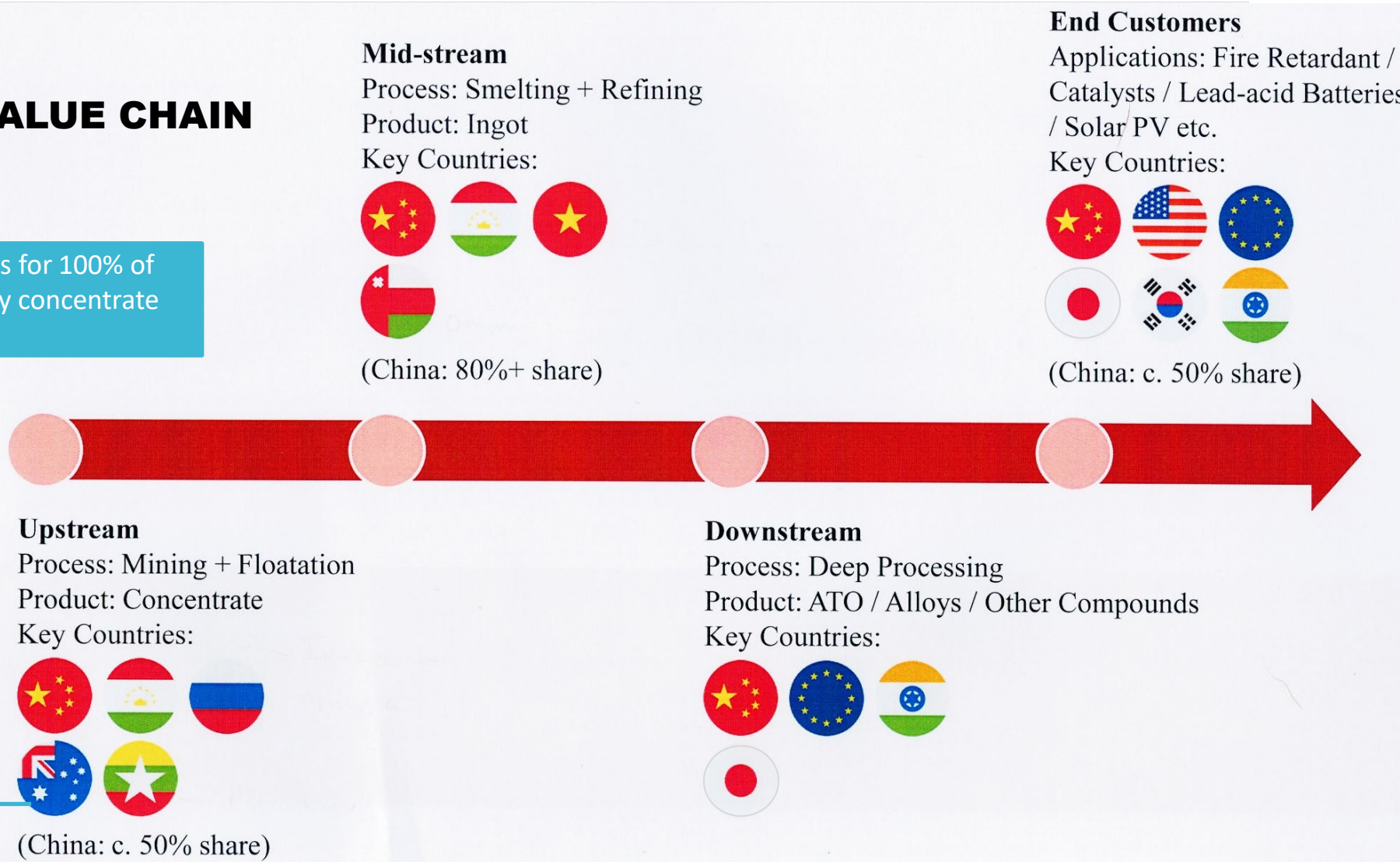
Antimony is a critical element in the manufacture of lithium-ion batteries and for the next generation of calcium-antimony-liquid-metal batteries.

Growing use in solar PV panel glass to improve stability

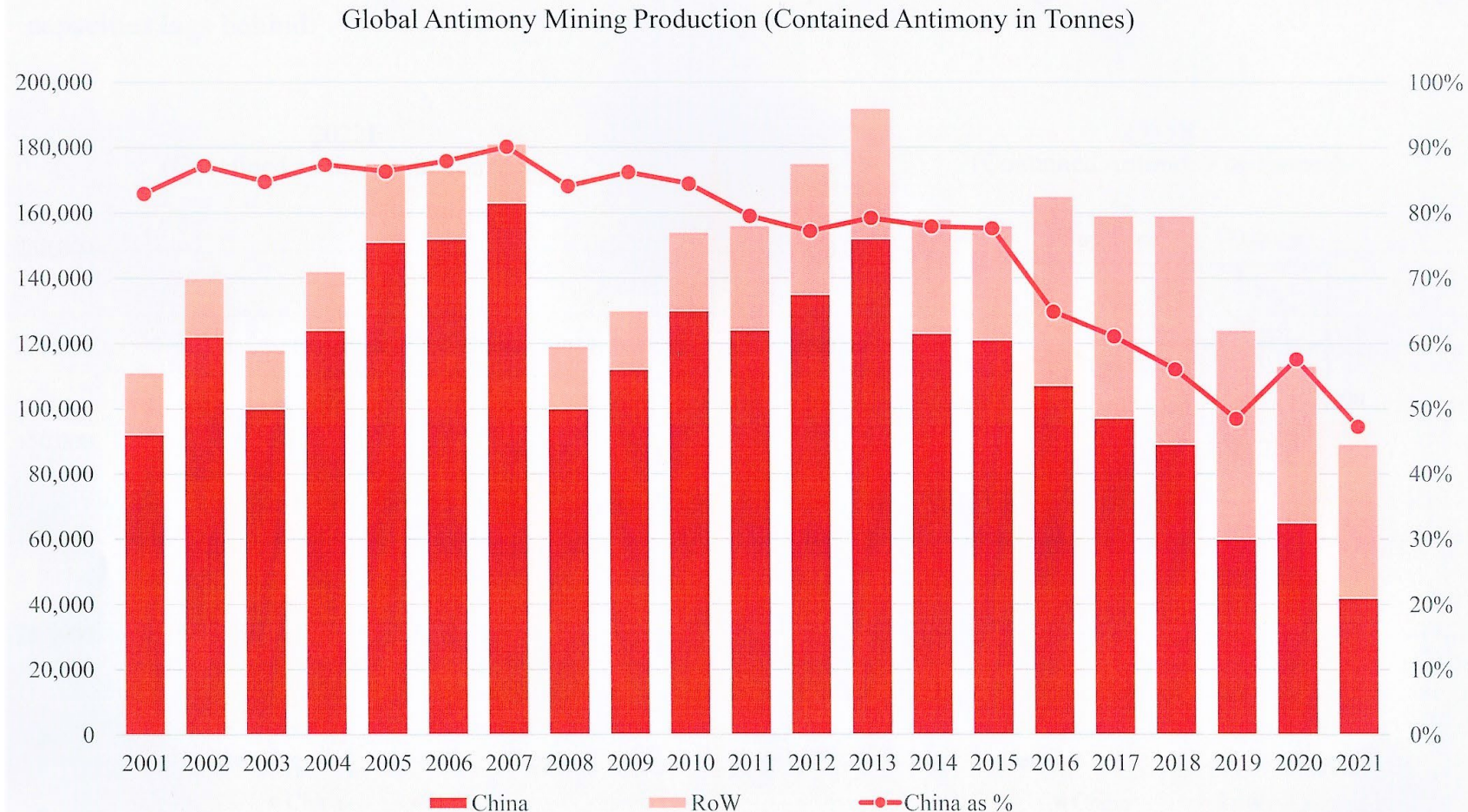
ANTIMONY

ANTIMONY VALUE CHAIN

Costerfield accounts for 100% of Australia's antimony concentrate production

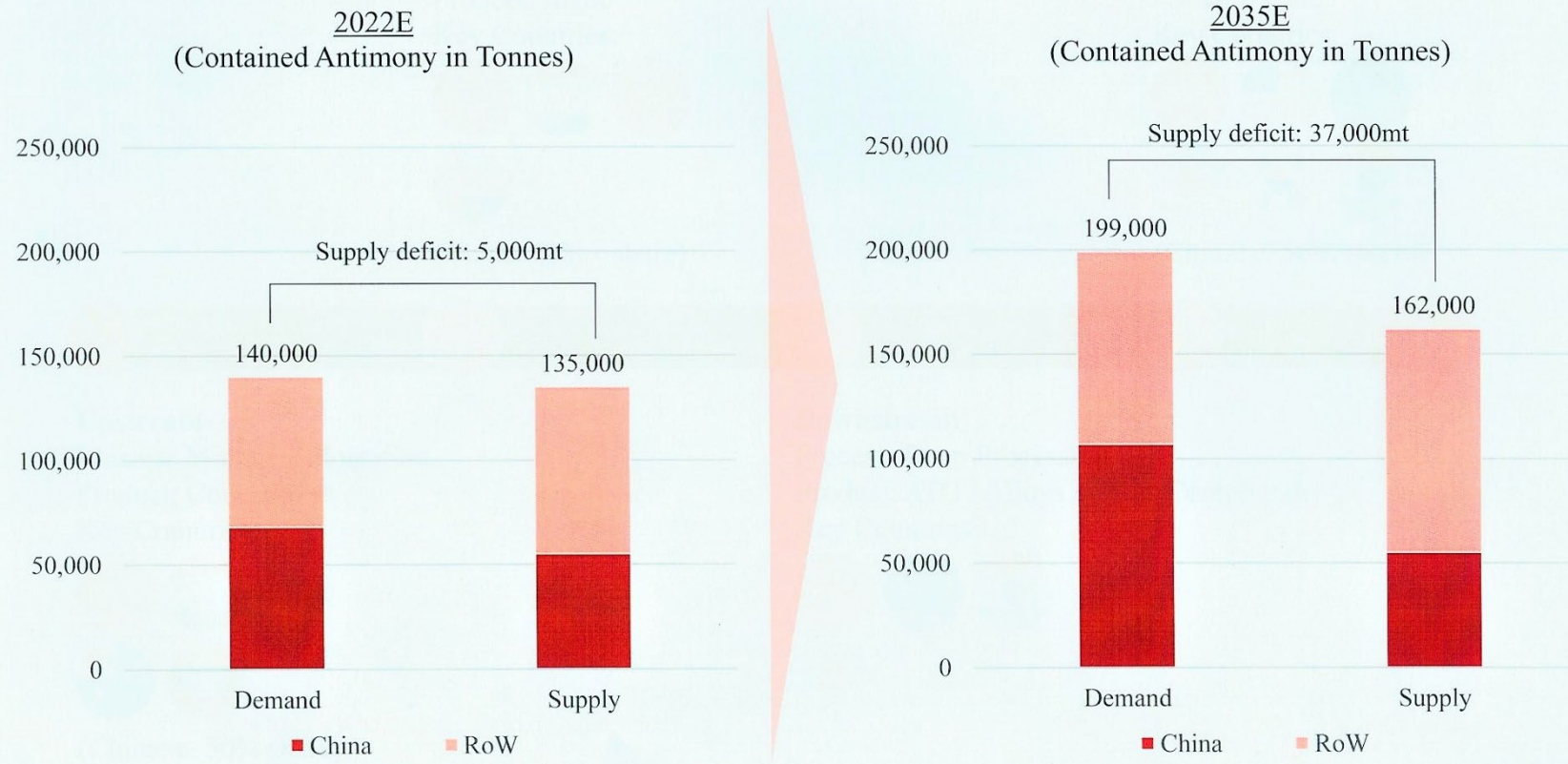


Antimony Concentrate Global Supply



Antimony Concentrate Supply-Demand Imbalance

Global shortage in antimony raw materials is expected to persist in the long-run as growth in new mining capacities lags behind.

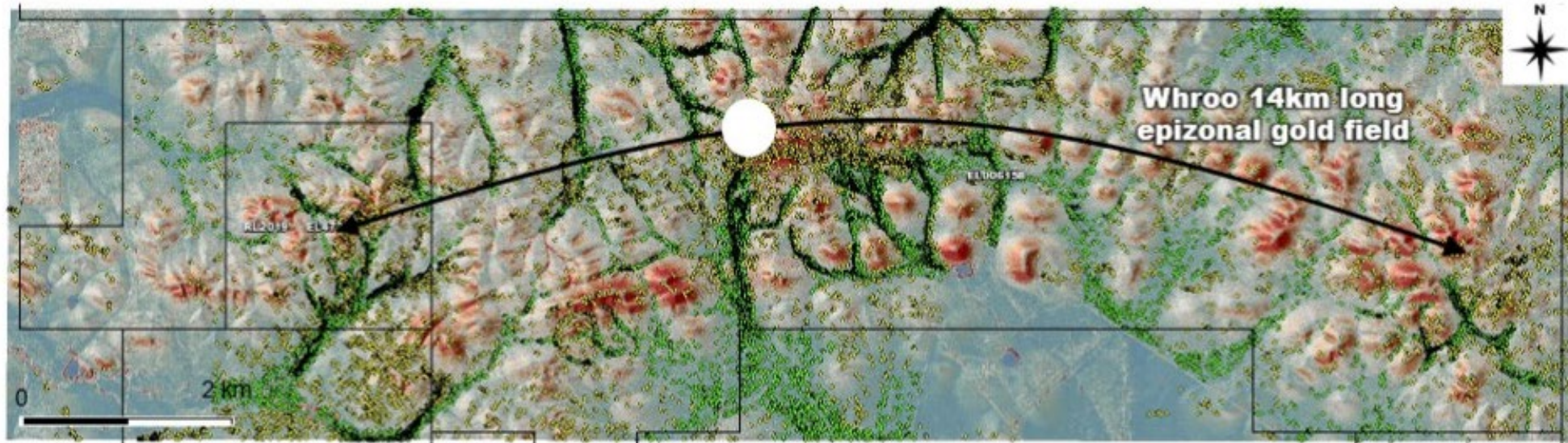


ANTIMONY KEY THEMES

1. Supply side constraint expected to ease slightly
 - Scheduled commencement of the Tajikistan TALCO-Huaya project in 2023 will provide approx. 15,000 tpa Sb of additional supply
 - This will offset the stoppage of Russia's NOK (Novosibirsk Tin Plant) supply, reduced output guidance at Costerfield and continued depletion of Chinese mines
2. Demand softening in the short term but likely to experience growth in the long term
 - Traditional demand (fire-retardant, lead-acid batteries etc) continues to soften as global economic growth slows
 - New application in the renewable energy sector has strong potential to drive long term growth
3. Antimony prices will likely see a steady and slow decline through mid-2023 before recovering
4. Existing smelters will increasingly compete for reliable supply of antimony concentrate
5. As with gold, the ethical supply of antimony is likely to be an important factor for end users in advanced economies

WHROO JV

40% OR 30% NRL OWNERSHIP AT NRL'S DISCRETION (CURRENTLY 100%)



Best drill result on the field in 167-year history

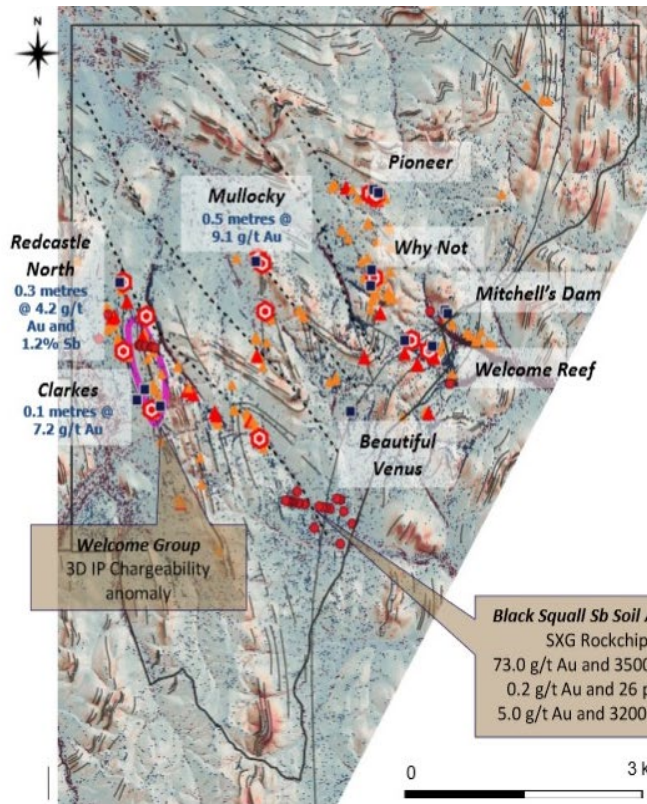
- Hit high-grade gold and antimony at depth under prolific historic Balaclava open pit mine in first drill hole MDDBC001
 - 0.5 metres @ 16.5 g/t Au from 201.5 metres
 - 0.4 metres @ 1.4 g/t Au and 10.5% Sb from 262.4 metres
 - **0.6 metres @ 49.7 g/t Au from 324.9 metres**
 - 0.2 metres @ 0.2 g/t Au and 16.5% Sb from 359.6 metres
 - 0.2 metres @ 3.8 g/t Au and 6.3% Sb from 362.8 metres
 - 0.3 metres @ 1.0 g/t Au and 3.3% Sb from 365.0 metres

- Whroo Workings
- ◆ Alluvial Au
 - ◆ Hard Rock Au

REDCASTLE JV

30% NRL OWNERSHIP

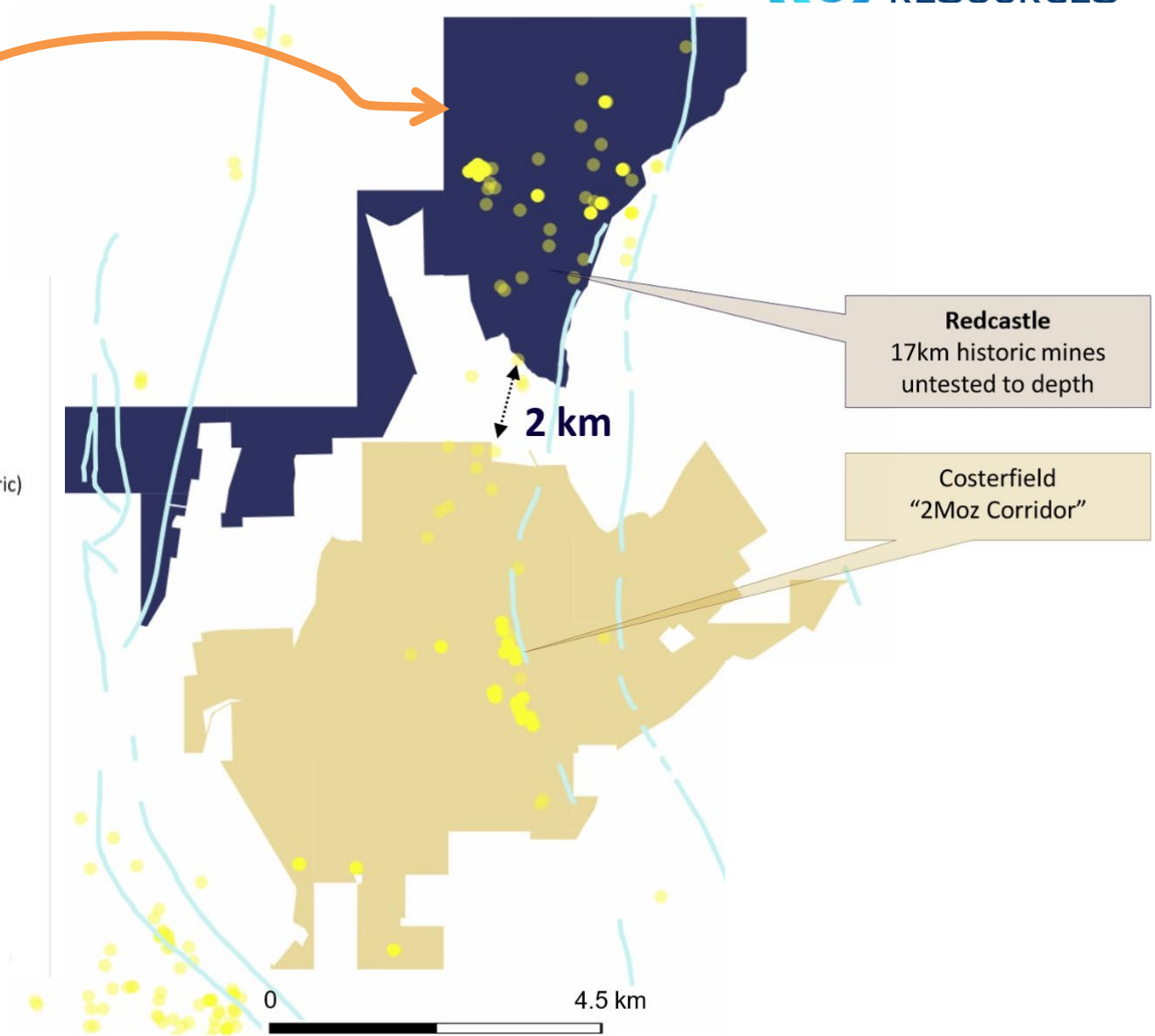
Mine lease extension of Costerfield



- Mawson Victoria drilled prospect
- ⊙ Drillhole Au > 5 g/t Au (historic)
- ▲ Rockchip 5-63 g/t Au (historic)
- ▲ Rockchip 1-5 g/t Au (historic)
- Soil Sample 120-280 ppm Sb (historic)
- 3D IP Anomaly

LIDAR Background: Light Detection and Ranging with geological interpretation line work. Machine learning defined:

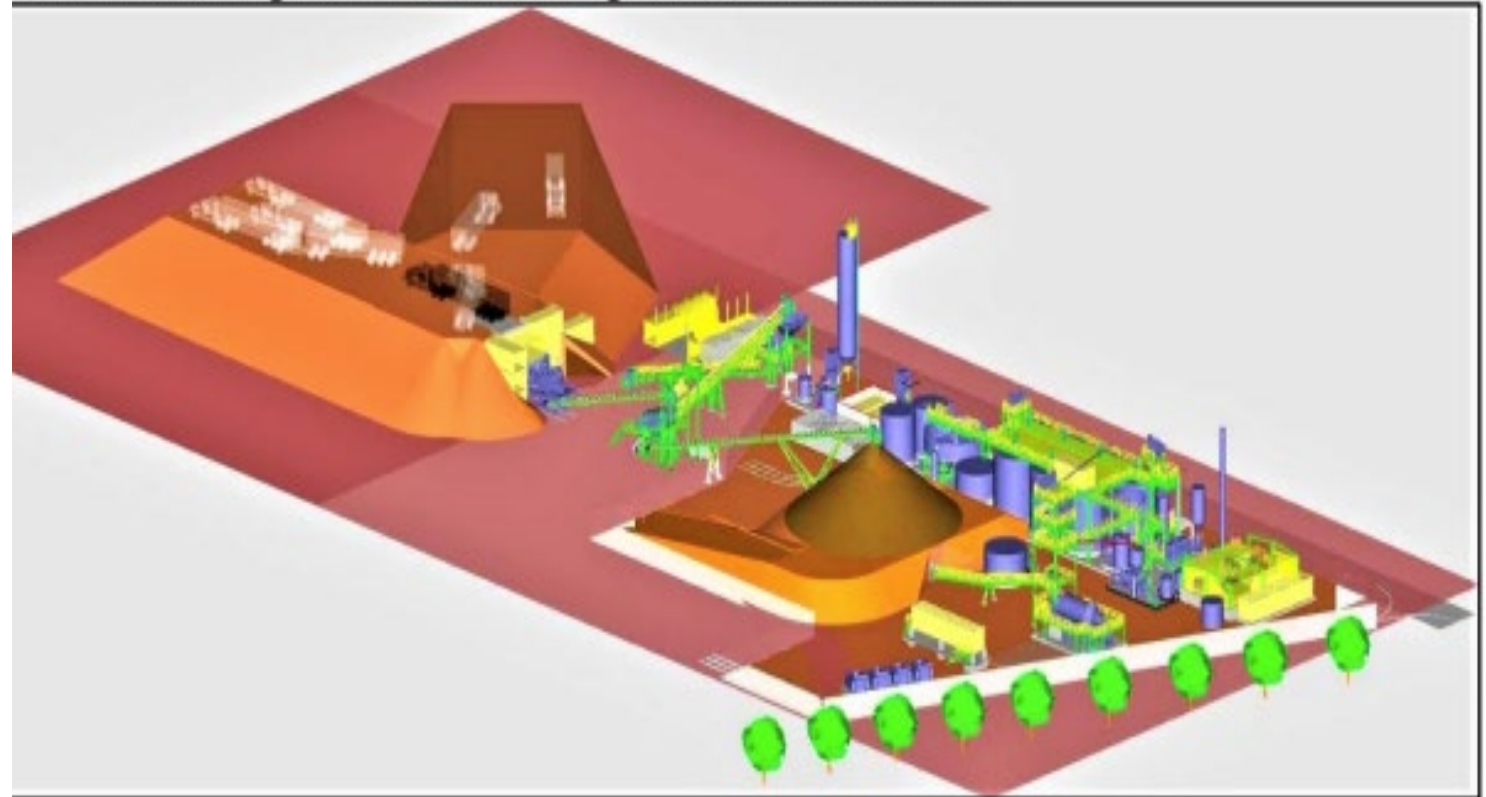
- Alluvial gold showing
- Hard rock gold showing



NAGAMBIE MINE AS A REGIONAL CENTRE FOR AU & SB PRODUCTION

- NRL and GCM have formed a JV to develop and operate a nominal 180,000 tonnes per annum toll treatment facility.
- Fully permitted.
- GCM is finalising financing. Operation is due to commence in Q4 2023.
- Initial ores for the TTP will be from GCM's permitted mines.
- NRL's 50% share of the cashflows from operations will help support NRL's ongoing exploration efforts.
- The near term planned addition of a flotation plant and other modifications, would give NRL a low cost, rapid access to a facility that could treat high-grade gold – antimony from a new underground mine at this site.

3D View, looking South West, of Designed Toll Treatment Plant



NAGAMBIE MINE AS A REGIONAL CENTRE FOR AU & SB PRODUCTION

Mineralised Ore Bioleaching Project

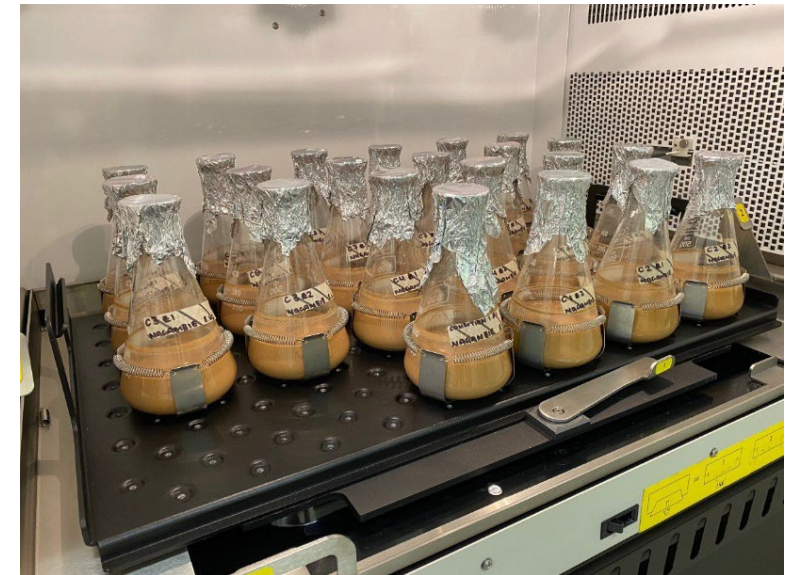
Nagambie Resources, together with JV partner GCM, is investigating new ways the residual gold from historical cyanide heaps can be recovered using naturally-occurring bacteria

Stage 1 of the project was completed this year. It identified that both native and externally sourced bacteria were able to leach gold when suitable conditions were provided

With further financial assistance from the Federal Government's Innovation Connection Program and the Perth Based laboratory, Stage 2 of this project commenced

Stage 2 will further test and optimise the gold bioleaching with native and/or externally sourced microorganisms at a larger scale using larger tailings volumes to simulate heap leach system conditions.

The longer-term aim is to develop a technology that can be used to recover gold from geotubes and other third-party tails.

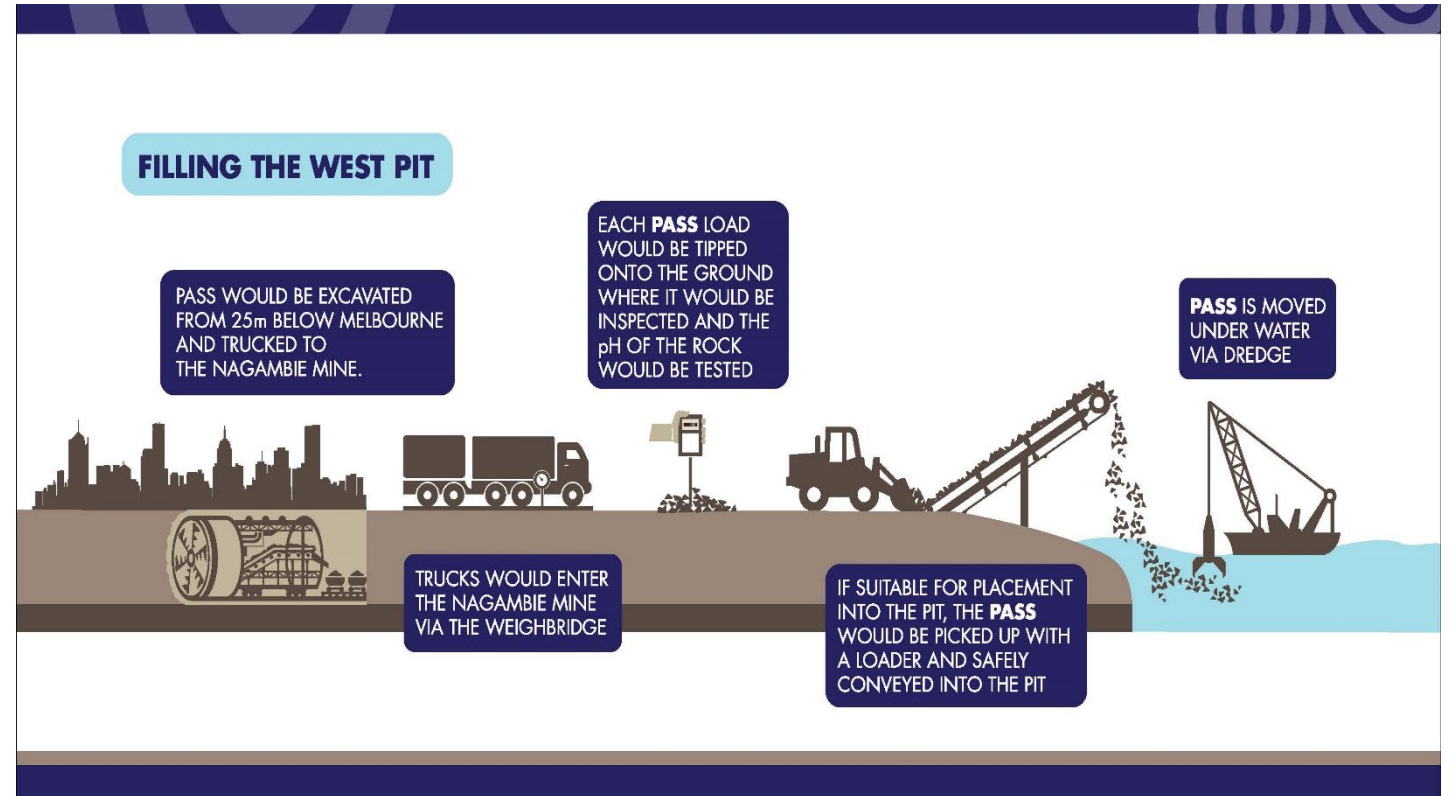


Shake flasks used for bioleaching experiment.

REALISING VALUE FROM NON GOLD ASSETS

PASS PROJECT

- NRL has an EPA-approved Environment Management Plan to store PASS in the legacy water-filled pits at the Nagambie Mine as part of the proposed rehabilitation of those pits.
- Best practice management of large volumes of wet PASS
- NRL remains a PASS disposal bidder for the North East Link Project (tunnelling due to commence in early 2024) and has been invited to bid for the Suburban Rail Loop East Project.



REALISING VALUE FROM NON GOLD ASSETS

GRAVEL

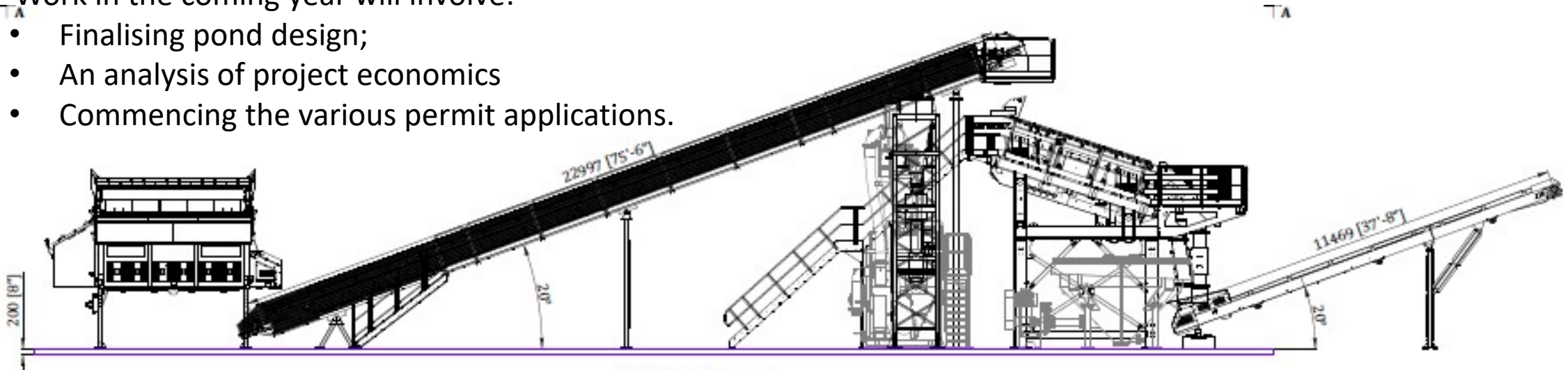
- A local construction contractor is producing, marketing and selling quarry materials from overburden stockpiles, and paying a royalty to Nagambie Resources for each tonne of material sold.



REALISING VALUE FROM NON GOLD ASSETS

SAND

- In 2010, air core drilling in an area west of the West Pit on freehold land and within the mining licence, identified sand with significant potential for commercial extraction.
- Work completed to date includes:
 - Review of methods to extract this material and process it to produce a saleable product;
 - Preliminary pond and processing equipment designs
 - Consultation with state and local government agencies and review of their permitting requirements.
- Work in the coming year will involve:
 - Finalising pond design;
 - An analysis of project economics
 - Commencing the various permit applications.



CONTACT



533 Zanelli Road
PO Box 339 Nagambie VIC 3608



+(03) 5794 1750



www.nagambieresources.com.au

