NAGAMBIE RESOURCES

CEO Presentation

2024 Annual General Meeting
27 November 2024

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Company overview

An exploration company targeting epizonal gold and antimony mineralised systems across 1,000 sq kms of tenements in the Waranga Domain of the Melbourne Structural Zone, in Victoria, Australia.

- Flagship project - Nagambie Gold-Antimony Project containing Australia's highest-grade antimony inferred resource.
- Located at the 100% owned Nagambie Mine.
- Mining licence exists over the discovery
- There are permits to develop a toll processing plant.

Company ASX Code	**NAG**
Share Price [1]	AUD$0.018
Ordinary Shares on Issue	796,635,677
Quoted options on Issue	~75M
Market Capitalisation (undiluted) [1]	$14.7M

	% Quoted shares
Kevin J Perrin	19.00%
PPT Nominees	9.45%
Southern Cross Gold	6.70%
Directors and Senior Management	24%
Top 10	45%
Top 20	57%

As at 25 November 2024

Strategy

Three components

Exploration	Nagambie Mine site development	Asset development
• *Discover minable gold and antimony deposits through cost effective exploration, and joint ventures*	• *Develop as a regional centre for gold and antimony production with strategic partners*	• *Develop and realise value*


Massive Stibnite Veining in NAD009

Recent achievements

Initial drill program completion

October 2023

41 diamond holes

12,000 metres

Drill cost $139/m

Release of Maiden JORC Inferred Resource

May 2024

Independent, comprehensive 3D block model using Maptek Vulcan (3D Mine Planning & Geological Modelling) software

Resource Updates

July and November 2024

110% ↑
AuEq ounces in the ground
(321,000 oz AuEq)

30% ↑
resource tonnages
(539,000 t)

61% ↑
AuEq grade
(18.6 g/t AuEq)

Follow up drill program commencement

November 2024

Targeting a doubling of the inferred resource

Asset development

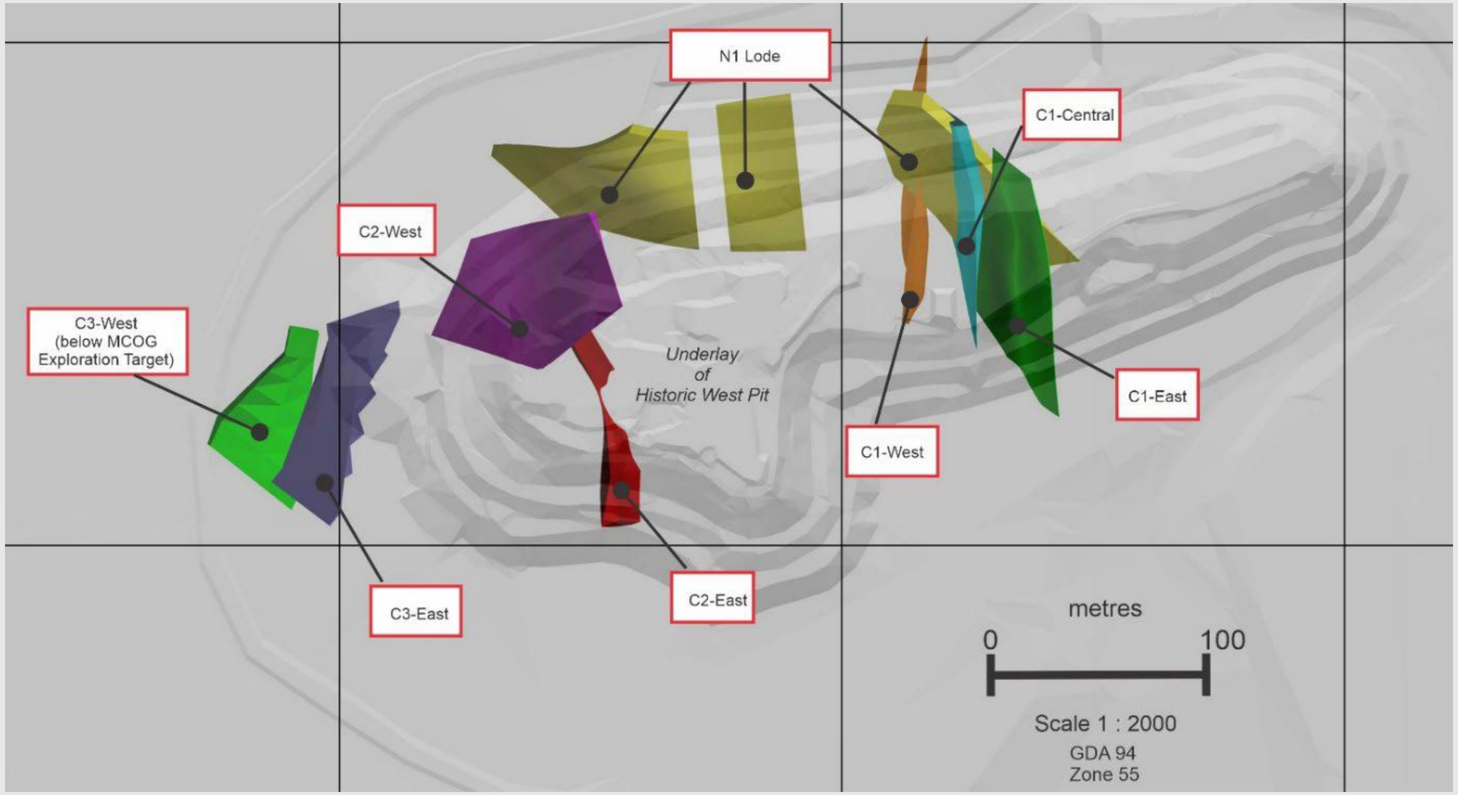
November 2024

Entering into arrangements to trial the receipt of WASS material at the Nagambie Mine

Gold – Antimony Project

Shallow high-grade deposit

- 100% owned, on freehold land
- Mining licence and permits to build a processing plant
- Australia's highest-grading antimony Resource
- To date, 4 lode systems intersected to only 280m vertical depth
- High potential to significantly increase the Resource with strike extension and depth extension drilling



ASX ANNOUNCEMENT, 14 October 2024

Gold – Antimony Project

November update

In summary, the updated JORC Resource figures compared with the May 2024 figures are:

Cut-Off Grade	4.0 g/t AuEq (-20%)
Resource Tonnes	539,000 tonnes (+ 30%)
Gold (Au) Oz in-the-ground	58,000 oz Au (+ 21%)
Antimony (Sb) tonnes in-the-ground	20,800 tonnes Sb (+ 17%)
Gold Equivalent Oz in-the-ground	322,000 oz AuEq (+ 110%)
Gold Grade	3.3 g/t Au (– 7%)
Antimony Grade	3.9% Sb (– 10%)
Gold Equivalent Grade	18.6 g/t AuEq (+61%)

ASX ANNOUNCEMENT 15 November 2024

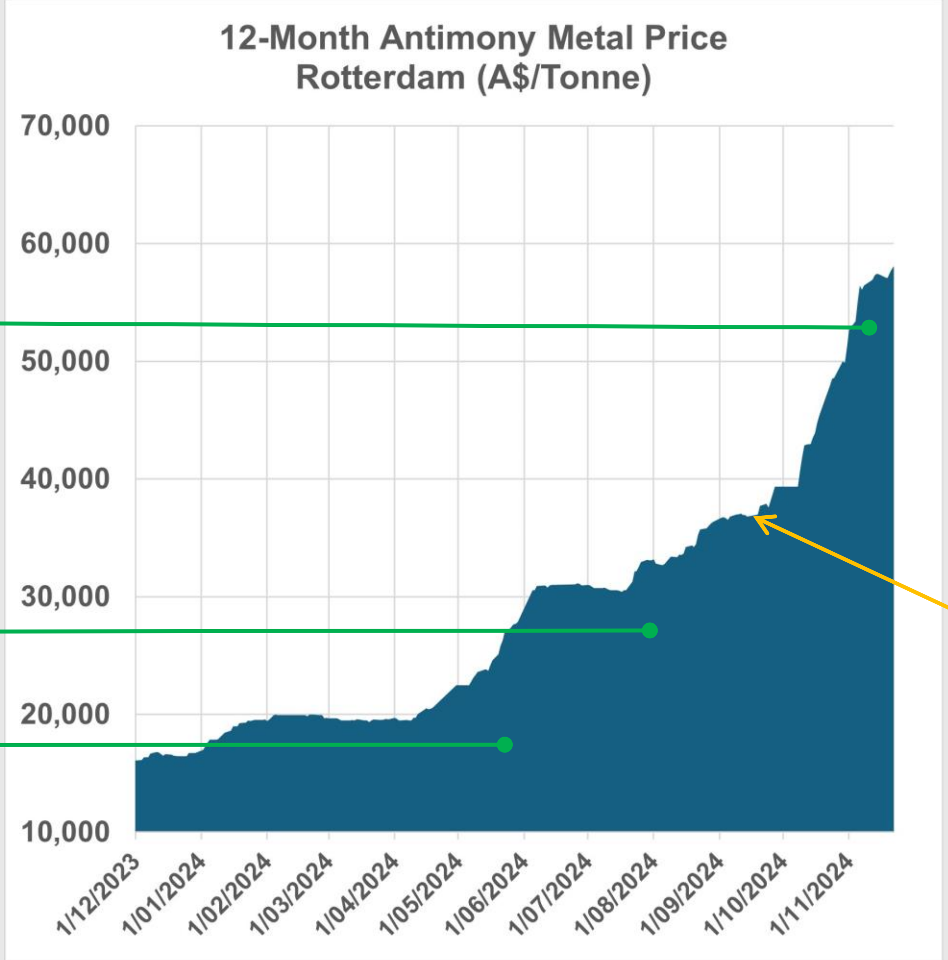
Gold – Antimony Project

Significant rising in the price of antimony

Nov 2024 Update

July 2024 Update

May 2024 - first announcement



Antimony prices used in the Inferred Resource AuEq calculations

China implements export controls on antimony products

Gold – Antimony Project

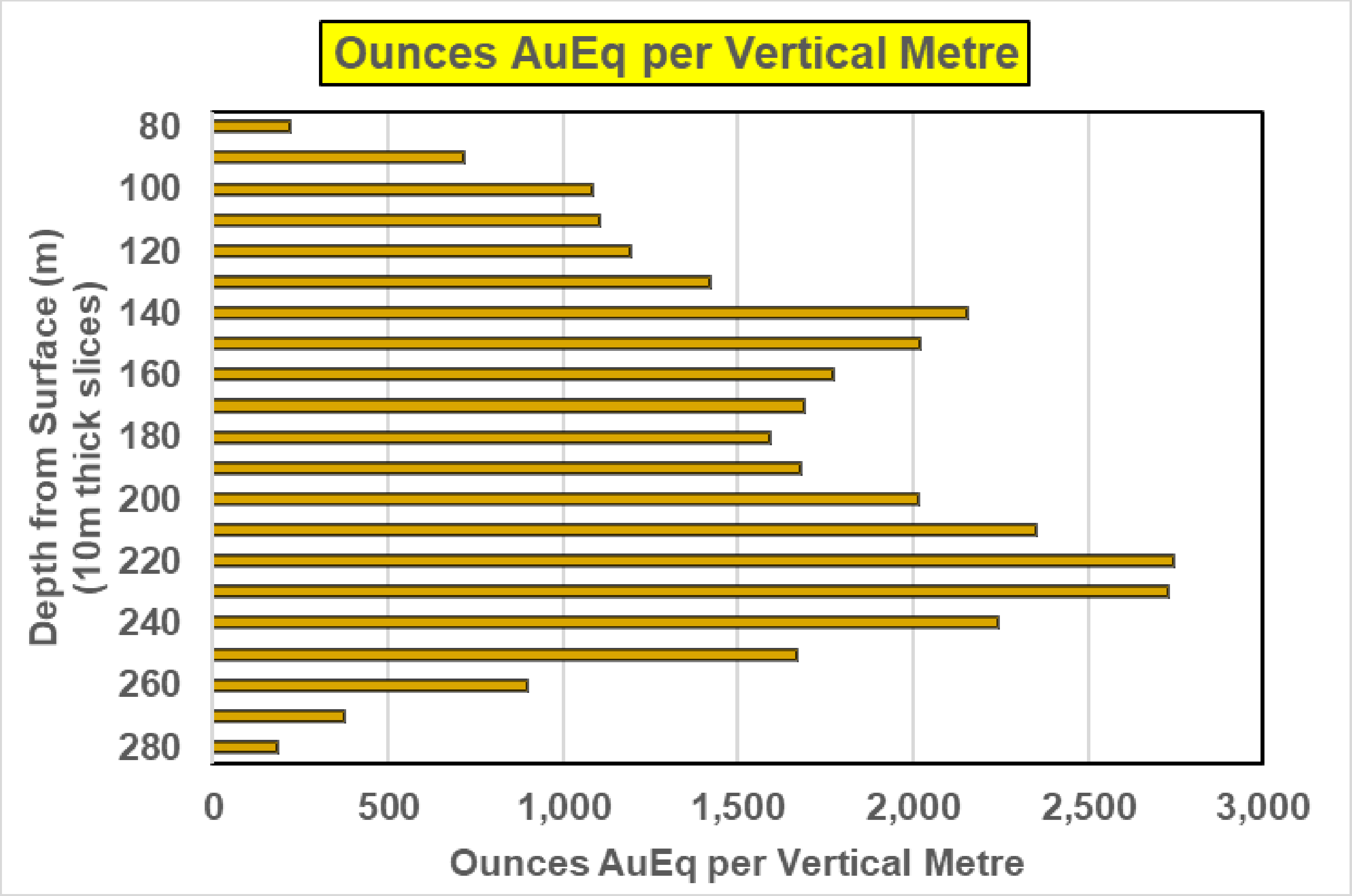
Rising gold price

Gold price increase due to:

- Geopolitical issues
- Central bank purchasing

Gold – Antimony Project

Ounces per vertical depth



ASX ANNOUNCEMENT 15 November 2024

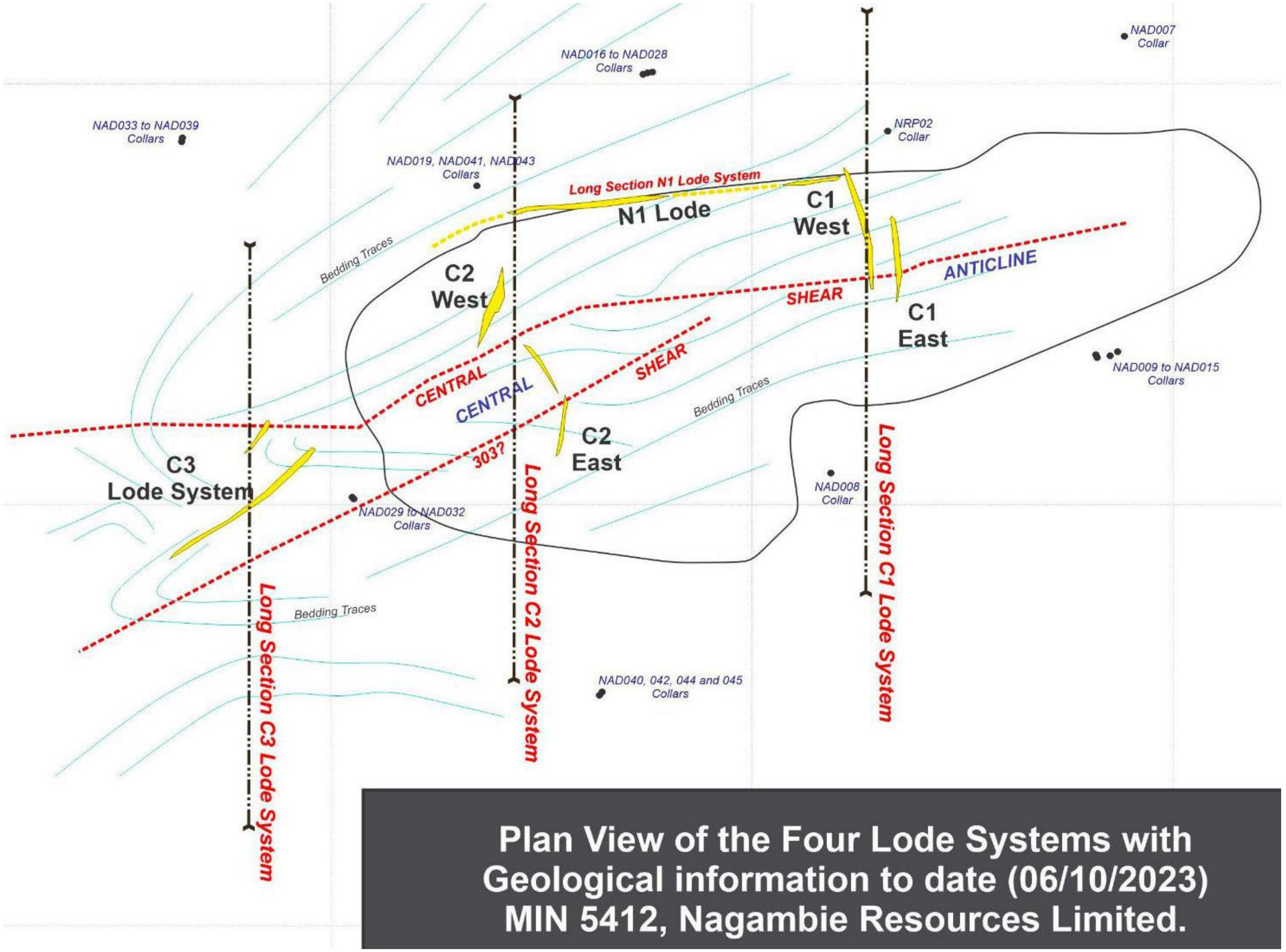
The great majority of the model blocks to date are between 80m and 280m vertical depth below surface, with AuEq content peaking at around 2,750 oz AuEq per vertical metre.

In-ground metal content could average around 2,000 oz AuEq per vertical metre with additional infill and strike-extensional resource drilling, indicating significant upside potential with increasing depth.

Mining at Fosterville and Costerfield is currently around 1000m vertical depth.

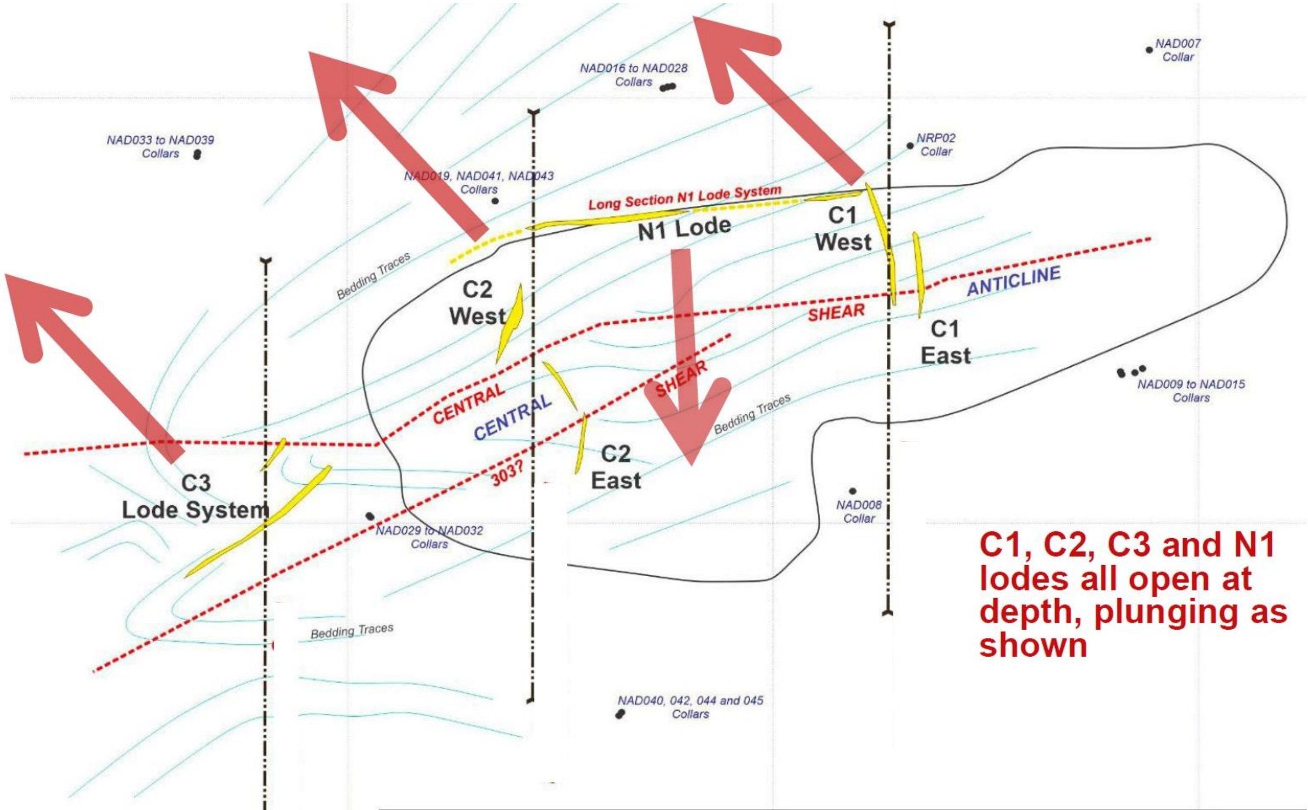
Gold – Antimony Project

Six ways to achieve targets



Gold – Antimony Project

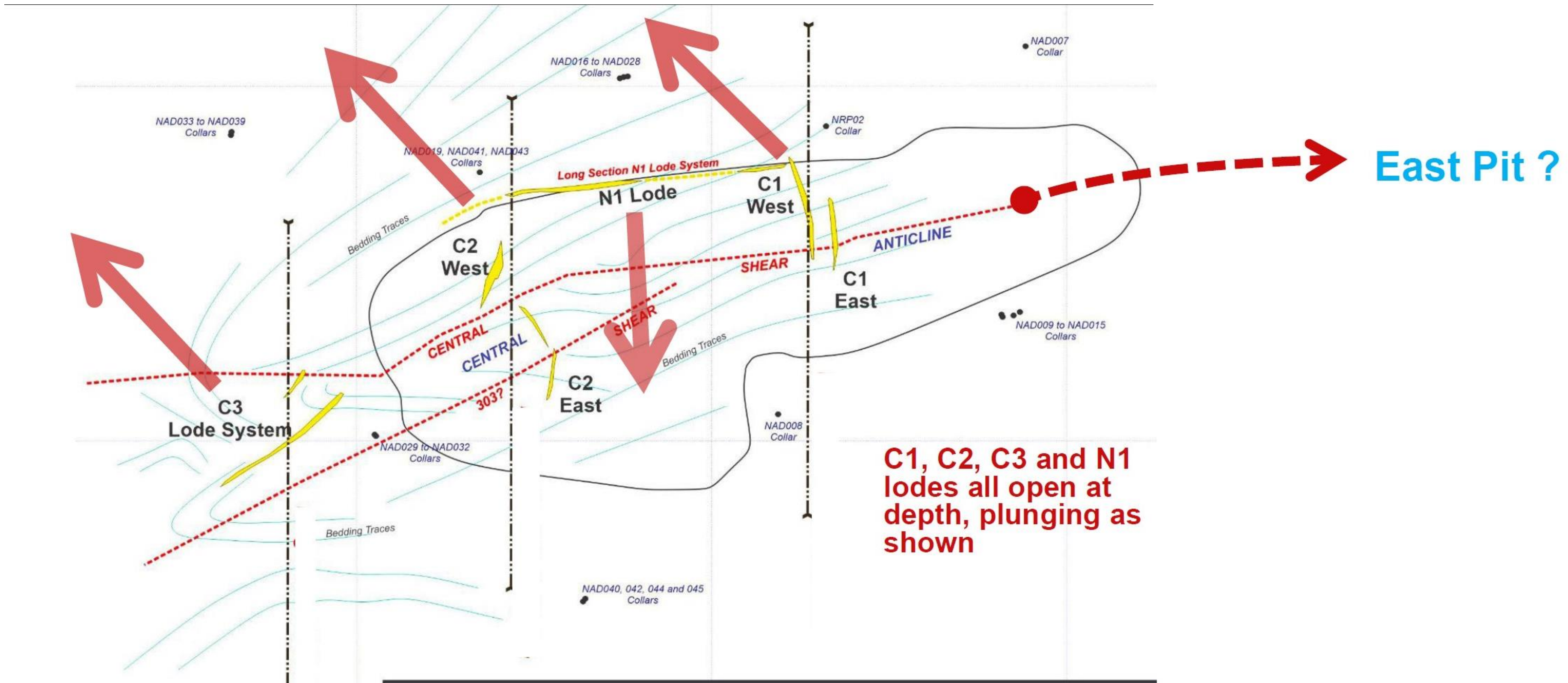
Six ways to achieve targets



Plan View of the Four Lode Systems with Geological information to date (06/10/2023) MIN 5412, Nagambie Resources Limited.

Gold – Antimony Project

Six ways to achieve targets



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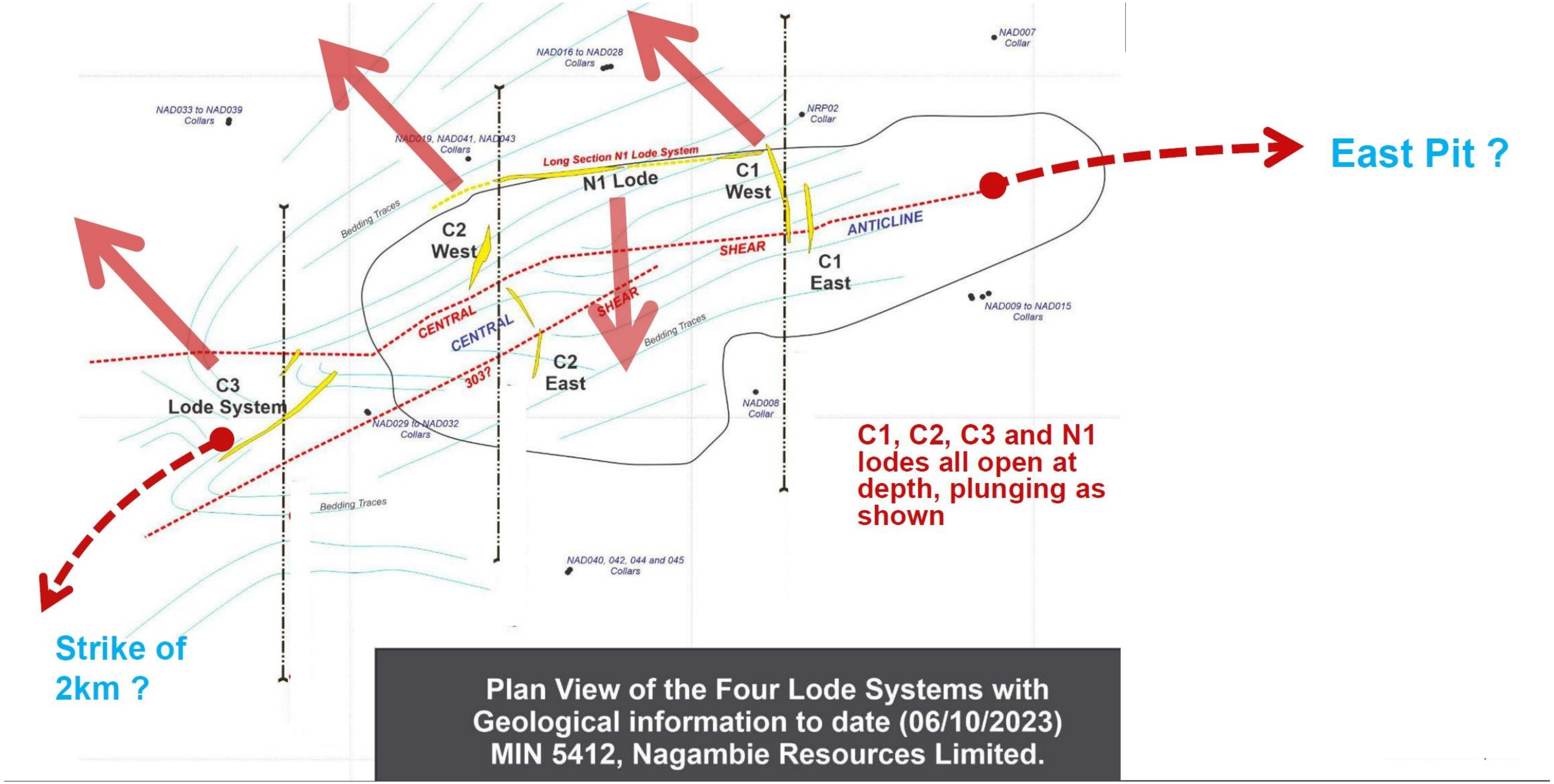

Gold – Antimony Project

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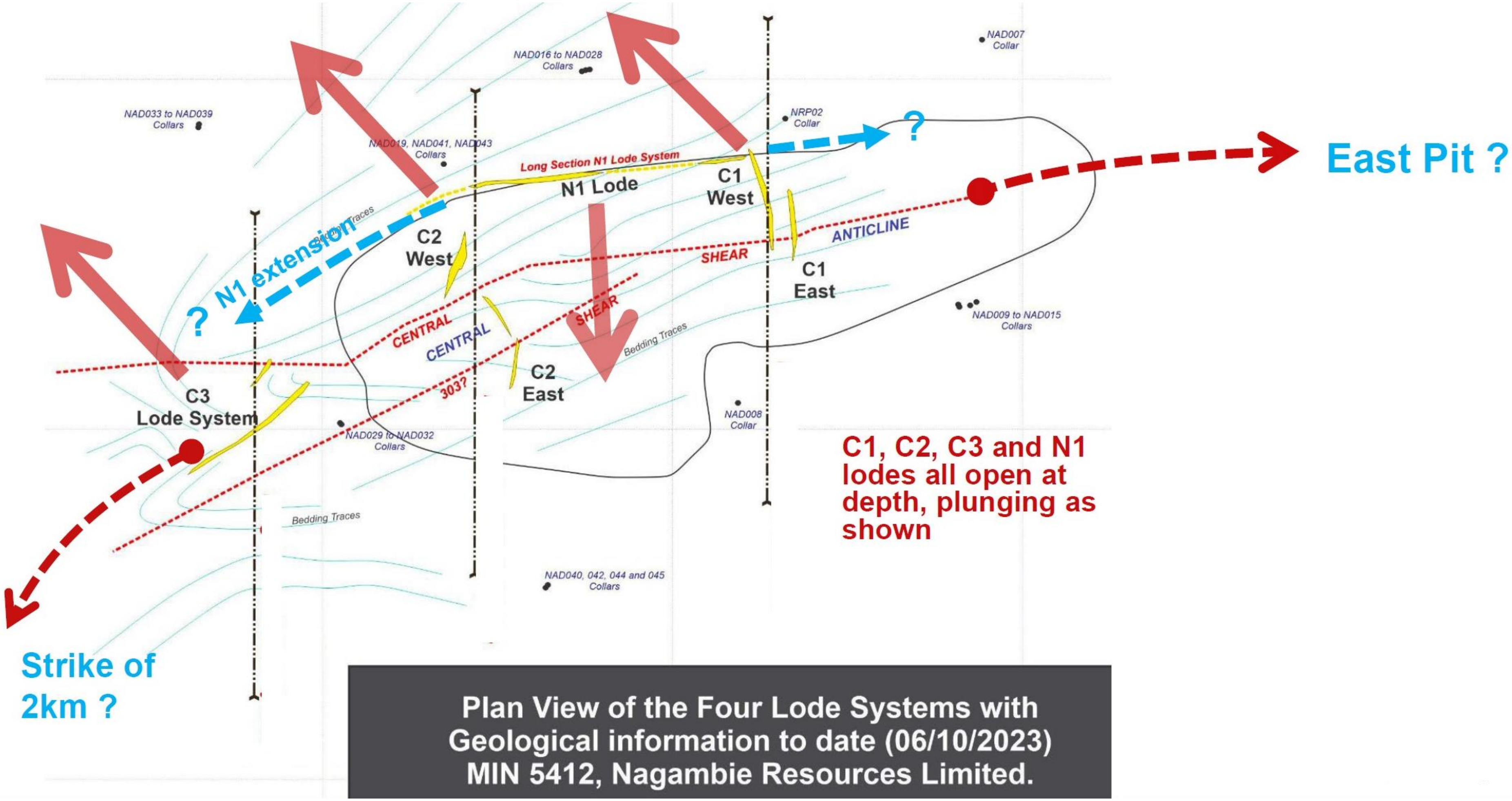
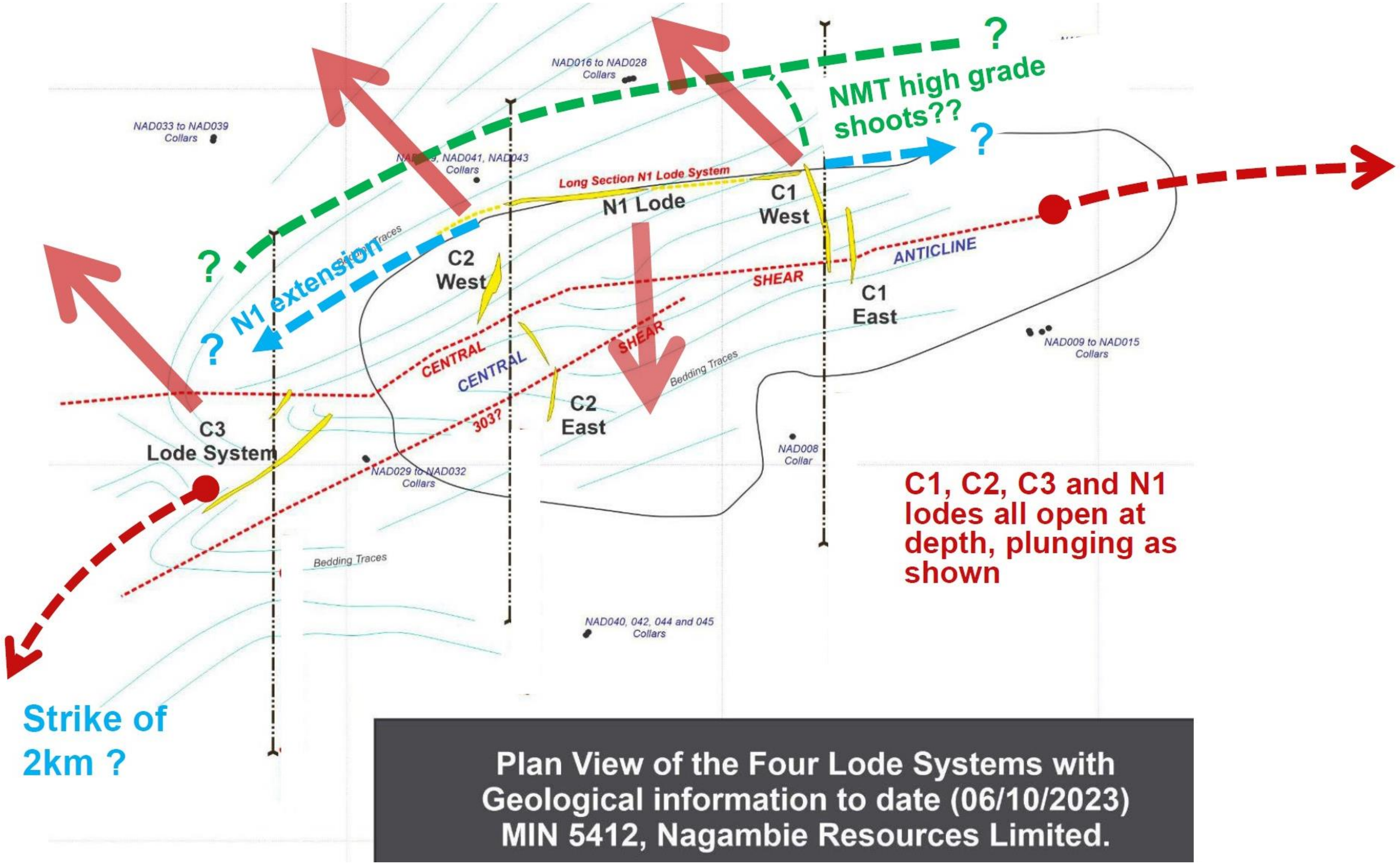


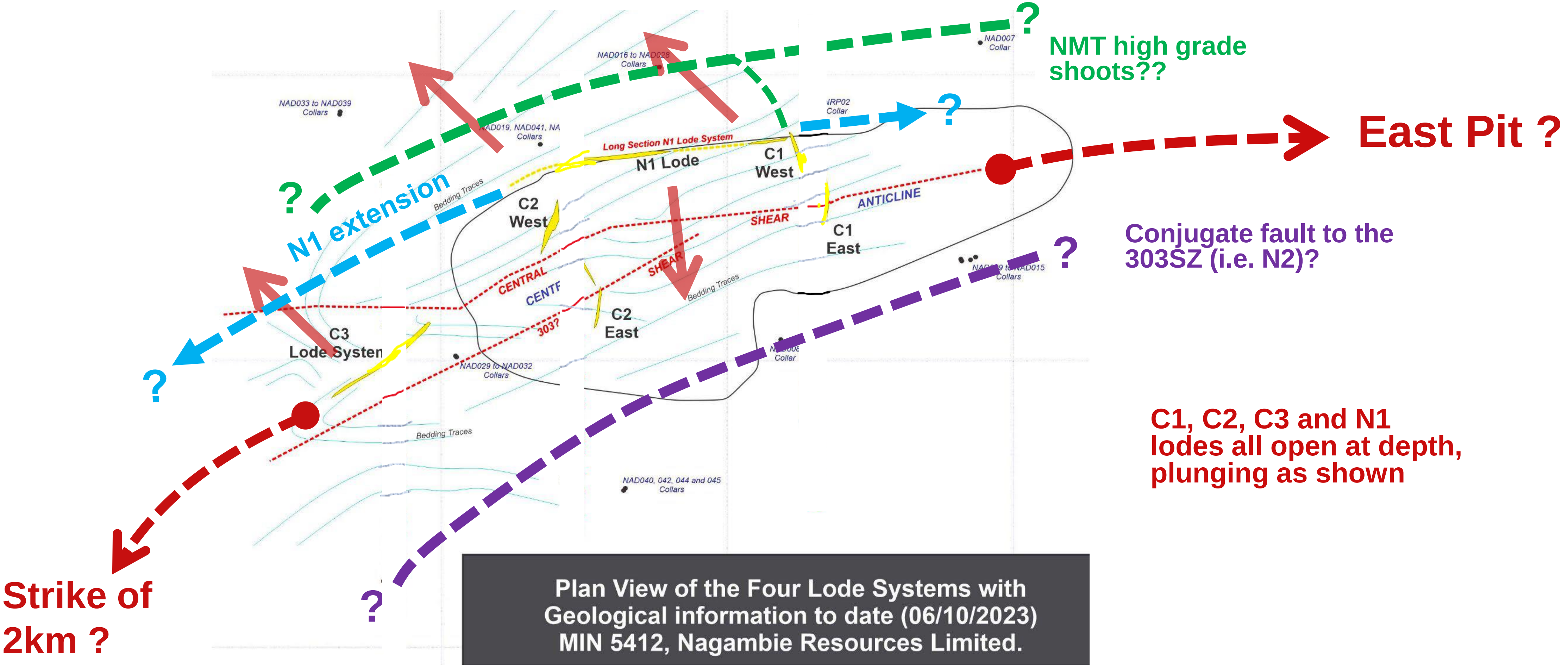
Gold – Antimony Project

Six ways to achieve targets



Gold – Antimony Project

Six ways to achieve targets

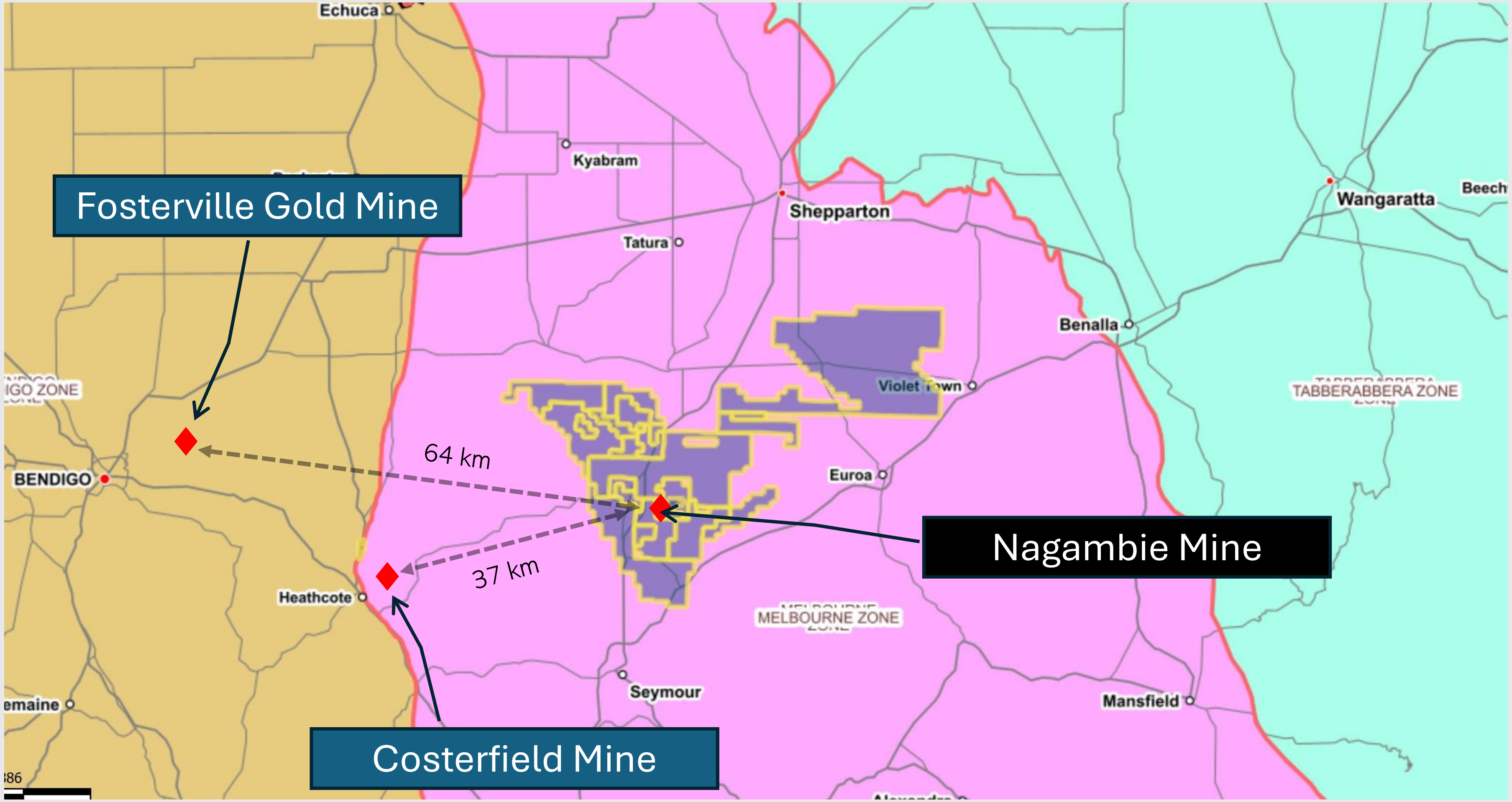


Plan View of the Four Lode Systems with Geological information to date (06/10/2023) MIN 5412, Nagambie Resources Limited.

ASX ANNOUNCEMENT 28 June 2024

Tenements

Focused Epizonal Gold – Antimony deposits



Nagambie Resources' tenement holding:

- Tenements totalling +1,000 sq km
- Includes:
  - 100% of the Gold – Antimony Project at the Nagambie Mine
  - 100% of the epizonal gold-antimony Whroo Goldfields
  - 100% of under-explored outcropping area near Miepoll

Nagambie Joint Venture

Golden Camel Mining Pty Ltd

NAGAMBIE JOINT VENTURE (NJV)

The NJV was formed to develop a Central Processing Hub at the Nagambie Mine site, with:

1. Au-Sb Processing Plant and tube cell tailings storage facility
2. Renewable energy hub (biogas and solar)
3. Microbial bioleaching research
4. Tailings repurposing

Shiraz Antimony Mine

Golden Camel Sb-Au Mine

Golden Camel Mining Pty Ltd

Tooleen Au mine

Opperman Au Mine (potential Sb-Au exploration upside)

Initial Processing plant funding and development

Experienced team that will build, commission, operate

50-50 share in net revenues and expansion costs

Nagambie Mine site and land

Supporting facilities

Nagambie Au-Sb Project

Nagambie Resources Limited

Whroo Goldfields (100%)

1,000 sq km of Au-Sb tenements

POTENTIAL FEEDSTOCK SOURCES FOR NJV PROCESSING PLANT

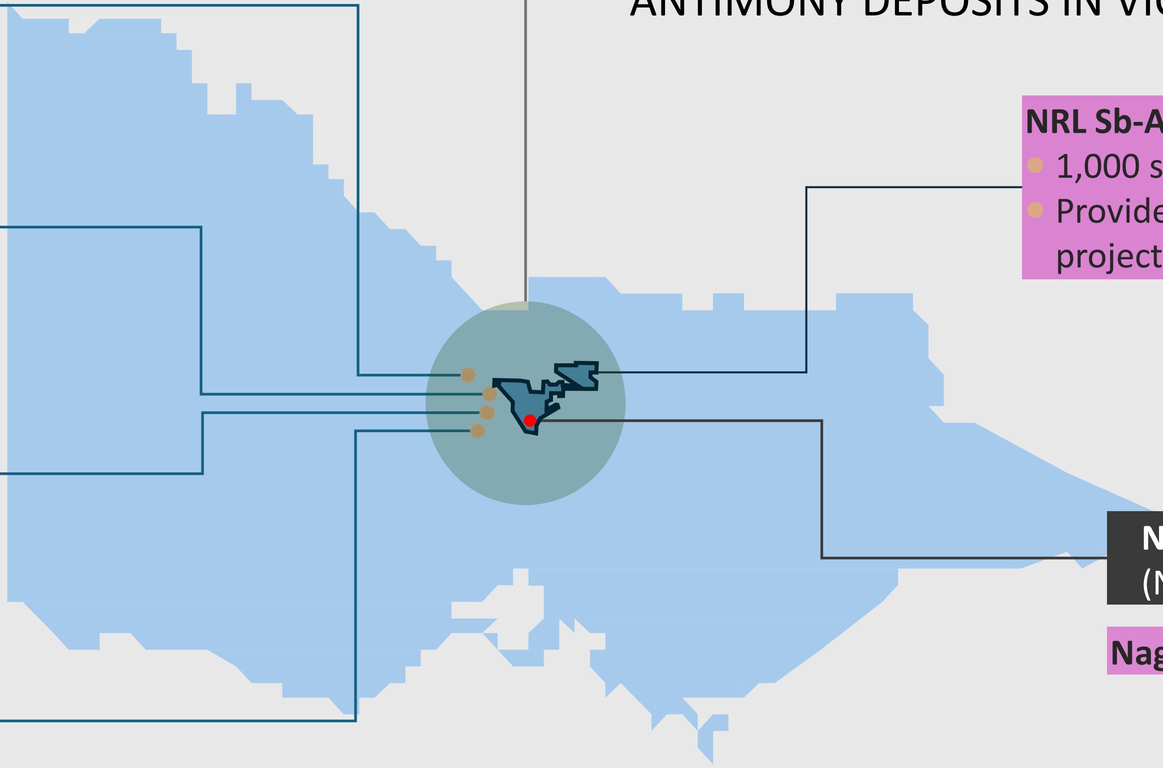
Golden Camel Sb-Au Mine
- Oxide and sulphide Au+Sb
- Mining licence

Shiraz Mine
- Oxide and sulphide Au+Sb

Opperman Mine
- Oxide and sulphide Au+Sb

Toolleen Au Mine
- Oxide Au

GEOLOGICAL REGION FOR EPIZONAL GOLD-ANTIMONY DEPOSITS IN VICTORIA



NRL Sb-Au tenements
- 1,000 sq km total area
- Provides pipeline of new Au-Sb projects

Nagambie Au-Sb Processing Plant
(Nagambie Mine)

Nagambie Au-Sb Project

NJV operation | **NRL owned** | **GCM owned**

Next 12 months objectives

Focused on growing the JORC Inferred Resource

Q4 2024
- Recommence drilling of Gold – Antimony Project

Q1 2025
- Update JORC resource estimates
- Continue drilling along strike and greater depth

Q2 2025
- Continue drilling along strike and greater depth
- Update JORC resource estimates

Q3 2025
- Advance permitting of the decline and associated underground development
- Continue drilling

Q4 2025
- Update JORC resource estimates
- Commence project scoping study

Finalise decision to develop the exploration decline and associated underground workings.

General Q&A

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