



**CASTLEMAINE  
GOLDFIELDS  
LIMITED**

# Investor Presentation

**Delivering gold. Delivering growth.**



Not for release or distribution in the United States

March 2012

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The information in this presentation that relates to Exploration Results, Mineral Resources and Exploration Targets is based on information compiled by Mr Wesley Edgar. Mr Edgar is an employee of Castlemaine Goldfields Ltd, is a member of the Australian Institute of Mining and Metallurgy and The Society of Economic Geologists and is a Competent Person as defined in the 2004 edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code)’. The Exploration Potential described in this Presentation is conceptual in nature, and there is insufficient information to establish whether further exploration will result in the determination of a Mineral Resource. Mr Edgar consents to the publication of this information in the form and content in which it appears.

The project planning, mining schedule and any resources referred to in this presentation, other than those explicitly identified as Mineral Resources in accordance with the JORC Code, are **not** based on estimations of Ore Reserves or Mineral Resources made in accordance with the JORC Code for the Ballarat East goldfield and caution should be exercised in any external technical or economic evaluation. Considering the style of mineralisation, and particularly the uncertainty of gold grade continuity, Mineral Resource estimates of higher confidence than the Inferred Resource classification will only be possible once mining has accessed the Lower Llanberris and Britannia gold mineralisation to gain further geological and grade information. The wide spaced drilling in the Britannia mineralisation is not currently sufficient to produce a Mineral Resource estimation. CGT emphasises that no Ore Reserve currently exists and cannot be estimated until drilling results can be correlated with bulk tonnage mining outcomes.

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“This is why we are a gold miner”



# Why invest?

- **Five Projects** with a strong growth profile and strategies for value creation
- **World-class gold production facilities** at the Ballarat Mine Project with **JORC compliant Inferred Resource**
  - Portal and declines in
  - processing plant built & commissioned
  - workforce in place
  - fully permitted to operate
  - ore mining and gold bullion production commenced
- **Realistic gold production profile targeting 50,000 ounces per year** - late 2012 (contingent on exploration success)
- **Cash operating cost per ounce anticipated to be <A\$800/oz<sup>1</sup>**
- **A nine month ramp-up in production has commenced.** Initial 2 year production profile delineated.
- **Recent market re-rating** due to a mine plan review.
- **Near-mine and regional exploration** targets clearly defined.

<sup>1</sup> Cash operating cost includes costs associated with the mining and processing of material to produce gold bullion, including the site support functions associated with administration, safety, security and environment. The cost does not include head office costs, royalties, depreciation, amortisation or expenditure of a capital nature.

# Company Overview

## Capital Structure

ASX Code	CGT
Shares on issue	264.6m
- Options (unlisted)	290k
Share price range (LTM)	A\$0.09 - \$0.64
Market Cap (@ \$0.10 per share)	\$26m
Cash (31 December 2011)	<b>A\$16m</b>
No debt (\$1.1m in equipment financing)	

## Major Shareholders

ICF	28.7%
Baker Steel Capital Managers	15.2%
JP Morgan Chase & Co.	8.6%
Top 20 shareholders	74.6%

## Major Projects

Ballarat Mine Project	100%
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## Regional Hub Projects

Berringa Project	100%
Castlemaine Project	100%
Sebastian / Raydarra Project	100% but Subject to a farm-In
Tarnagulla Project	100%

# Experienced Board of Directors



**Mr Gary Scanlan**

*Non-Exec Chairman*

Minerals Financier & Accountant  
FAusIMM, ACA  
Non-Ex Director of Red 5 Limited



**Mr Matthew Gill**

*MD & CEO*

Mining Engineer B.Eng (Hons)  
M.Eng.Sc, MAusIMM, GAICD



**Mr Drew Henry**

*Non-Exec Director*

Geologist B.Sc. (Geol)  
FAusIMM



**Mr Peter McCarthy**

*Non-Exec Director*

Mining Engineer BSc, MSc  
FAusIMM, CPEng, MAICD  
Non-Ex Chairman of Unity Mining  
Chairman of AMC Consultants



**Mr Peter Lester**

*Non-Exec Director*

Mining engineer B.Eng (Mining) (Hons)  
MAusIMM, MAICD  
Non-Ex Director of Toro Energy  
Non-ex Director of Nord Gold

## Management team with gold and operational expertise

**Toni Griffith** - Chief Financial Officer

**Sue-Ann Higgins** – Company Secretary

**Lance Faulkner** – Mine General Manager

**Mark Davies** – Processing Manager

**Wesley Edgar** – Exploration Manager

Accountant. B.Com, FCPA

Lawyer.BA LLB (Hons), ACIS, GAICD

Mining Engineer. B.Eng (Mining) (Hons), MAusIMM

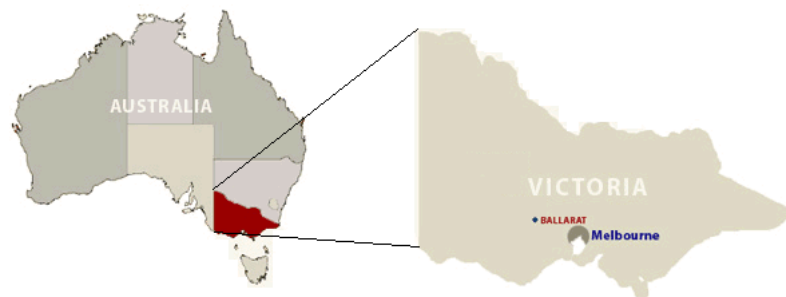
Metallurgist. B.Sc, MAusIMM

Geologist. B.Sc (Hons), M.Sc (Mineral Economics), MSEG, MAusIMM



# Five key assets in one

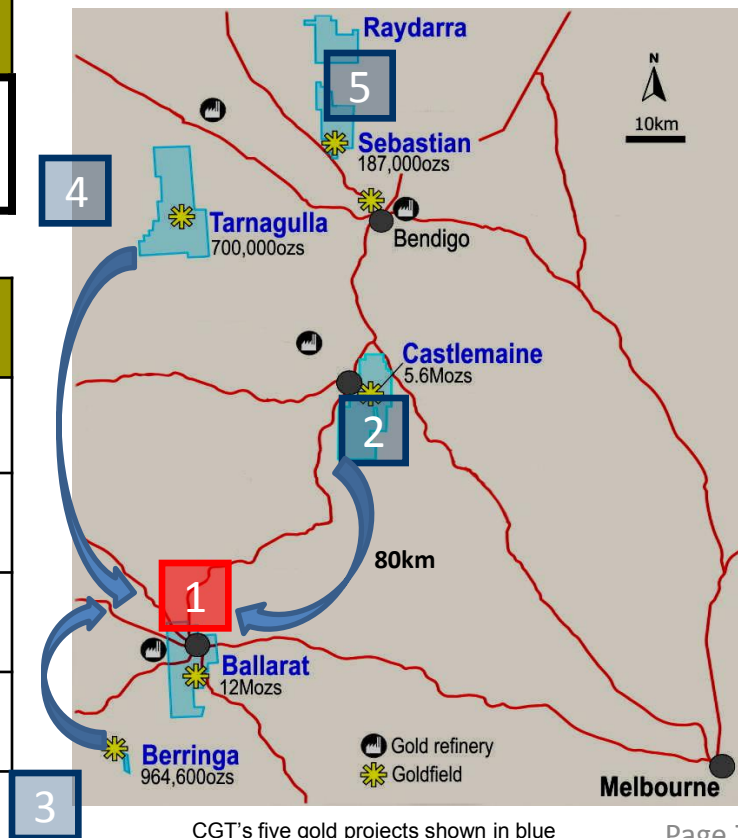
- **\$400m plant and development** in place at Ballarat
- **Near mine** targeted exploration program
- **Regional exploration activities** during 2012 to focus on the Ballarat operations.



	Asset	Historic production	Strategy	Next steps
1	Ballarat	12Mozs	Targeted production of 50koz pa	Commenced 9 month ramp-up from Q3, 2011

## Possible future production profile from regional hub

	Asset	Historic production	Strategy	Next steps
2	Castlemaine	5.6Mozs	Feasibility study	On hold for 2012
3	Berringa	1.0Mozs	Advanced exploration drilling	On hold until 2H 2012
4	Tarnagulla	0.7Mozs	Advanced exploration drilling	On hold until 2H 2012
5	Sebastian and Raydarra	0.2Mozs	Geophysics and targeted drilling	Farm-in agreement with Navarre Minerals



CGT's five gold projects shown in blue with past production from these prominent goldfields.

# Our Vision – Three Horizons

## Clear path to value creation

### GOLD PRODUCTION (2011)

- **Ballarat:** Mine & commission
- **Mine Exploration:** +\$3m spend
- **Regional Exploration:** +\$4m at Castlemaine / Chewton, Berringa and Tarnagulla

### GROW – 2012 to 2014

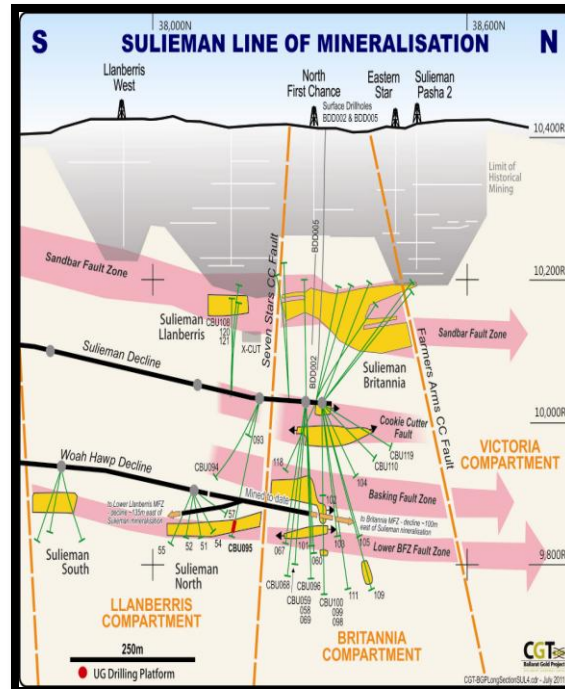
- **Produce:** Steady State targeting 50,000 oz pa from late 2012
- **Ballarat Targets:** Britannia, Victoria, Suleiman Line
- **Ballarat South**
- **Regional Targets:** Chewton, Berringa and Tarnagulla

### EXPAND – 2014 and beyond

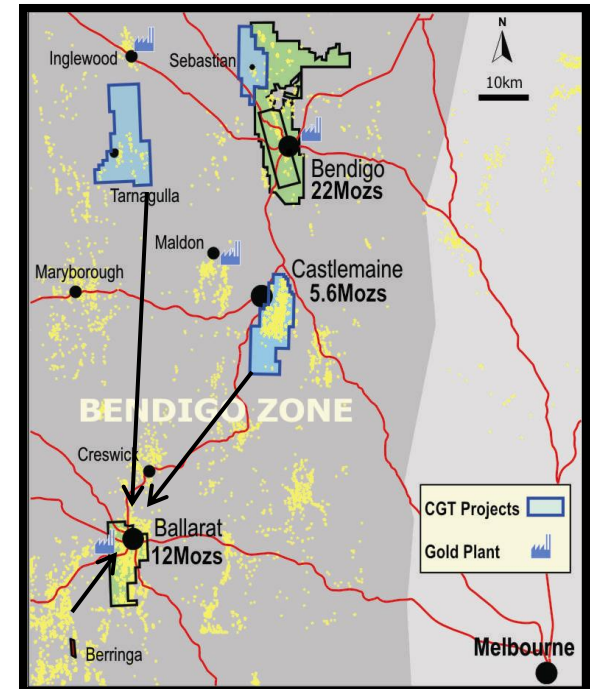
- **Produce:** Targeting 75,000 to 100,000 oz pa
- **Multiple** Ballarat sources
- **Multiple** regional ore sources



World class infrastructure



Add new production sources at Ballarat



Targeted regional exploration program



# Ballarat Gold Mine

- More than A\$400m has been spent by others developing first class facilities
- Purchased by CGT for <A\$10m
- No Debt

✓ Project Approvals

✓ Construction

✓ Commissioning

✓ Recruitment



# Ballarat - Overview

- **History**

- 12Moz gold mined from alluvial and quartz vein hosted deposits since 1850's
- Lihir Gold Limited (LGL) acquired tenements in 2007 and completed construction of world class gold plant and related facilities

- **Assets**

- ~18km of underground development
- World class plant and development:
  - 600,000 tpa processing plant
  - Golden Point ventilation shaft
  - Extensive surface infrastructure
- Mining licences and extensive exploration ground

- **Profile**

- Two declines at the right location to mine
- Focus on 4 geological compartments
- Nuggetty quartz reefs avg. 8.9g/t (historical)



# Current Status

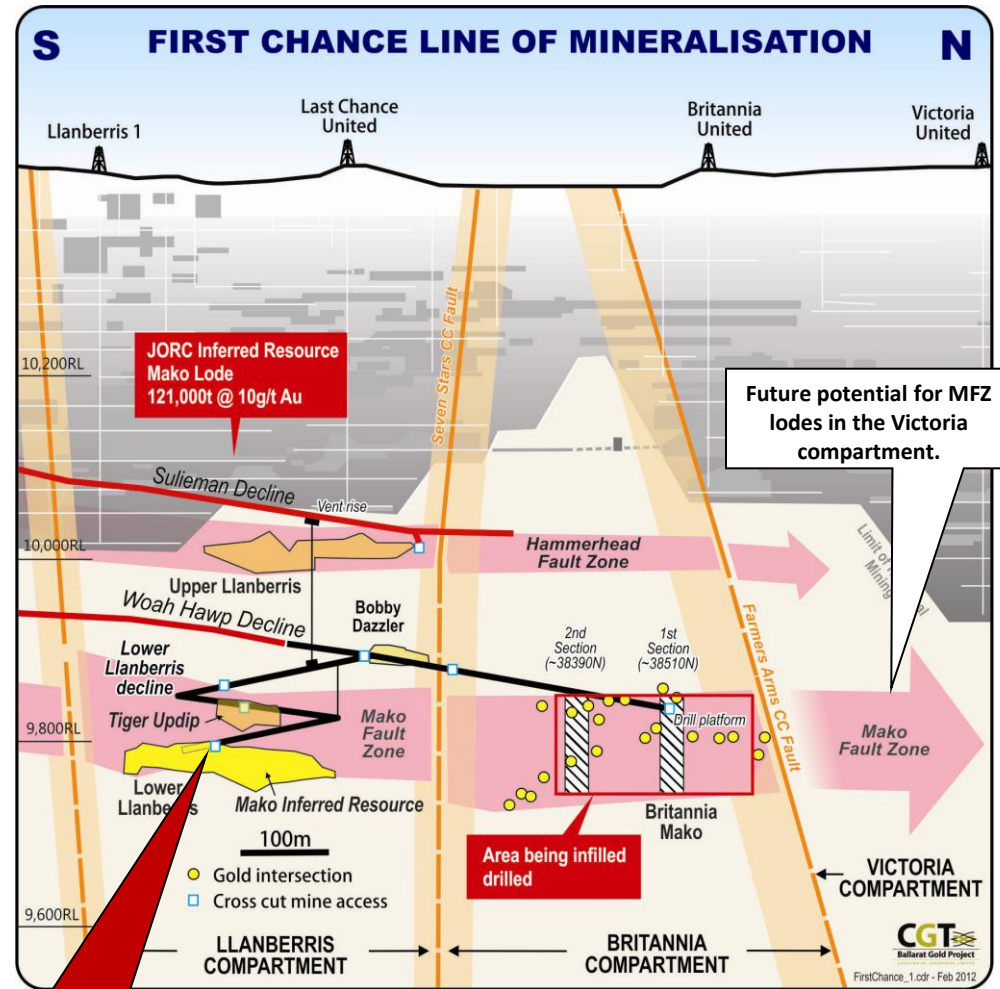
- The Ballarat underground gold mine was re-commissioned on schedule in September 2011 embarking on a 9 month ramp up in activities.
- To date over 2,100 metres of underground development has been achieved safely and within budget parameters.
- Mining of the higher grade Mako target is the primary objective with first ore from this source commencing in February.
- Lower grade, smaller satellite targets have been deferred while mining the Mako is demonstrated during Q1 / Q2 2012.
- The inaugural CGT Mako in Llanberris Inferred Resource was increased by 15% in January to be 121,000t @ 10.0g/t for 38,300 ounces.
- A drill rig has commenced delineation drilling the Mako Fault Zone in Britannia.
- The Sulieman Line remains a valid 3<sup>rd</sup> ore source option.
- Regional exploration activities have been curtailed until 2H 2012 to allow focus on the Ballarat operations.



# High grade gold reached

Targeting a production rate of 50,000 oz pa by late 2012, with a 9 month ramp-up starting Q3, 2011

- Two potential Ore Sources identified:
  - Llanberris and Britannia mineralisation
- Volumes
  - targeting 200,000 tpa
- Assumptions
  - 7.5g/t to 8.5g/t gold\*
  - Initial 2 year production period
  - Anticipated cash operating cost <\$800/oz\*\*
- Underground Mine and Processing Plant fully operational
- First gold poured
  - September 2011
- Exploration commitment
  - Near mine – Britannia, Victoria, Sulieman Line



Lower Llanberris Decline cross cutting to Mako ore

\* See next slide \*\* See next slide

# Ballarat – Assumptions

\* The key data supporting the basis for this range are the exploration results and the Mako Inferred Resource achieved from the Company's diamond drill program since May 2010, the fact that the historical goldfield recovered grade was 8.9g/t, and an Independent Technical Review by Snowden (November 2011).

This grade range is conceptual in nature and there has been insufficient exploration to date to define a mineral resource above the Inferred category, and it is uncertain if further exploration will result in increasing or upgrading the Inferred Mineral Resource to an Indicated or Measured Mineral Resource category or to Ore Reserves.

\*\* Cash operating cost includes costs associated with the mining and processing of material to produce gold bullion, including the site support functions associated with administration, safety, security and environment. The cost does not include head office costs, royalties, depreciation, amortisation or expenditure of a capital nature.



# Inferred Resource and Exploration Targets

An Independent Technical Review by Snowden made the following comments:-

An **<sup>1</sup>Inferred Mineral Resource** totalling **100,000 t at 10.5 g/t Au for 33,100 oz Au<sup>2</sup>** is reported in accordance with the 2004 JORC Code for the Llanberris Mako Fault Zone. Resource grade is reported within a range of 5 g/t Au to 12 g/t Au to indicate likely variability. The resource estimate is global in nature and reported at a 0 g/t Au cut-off. Based on a review of mining and cost parameters, Snowden considers that the resource has reasonable prospects for economic extraction.

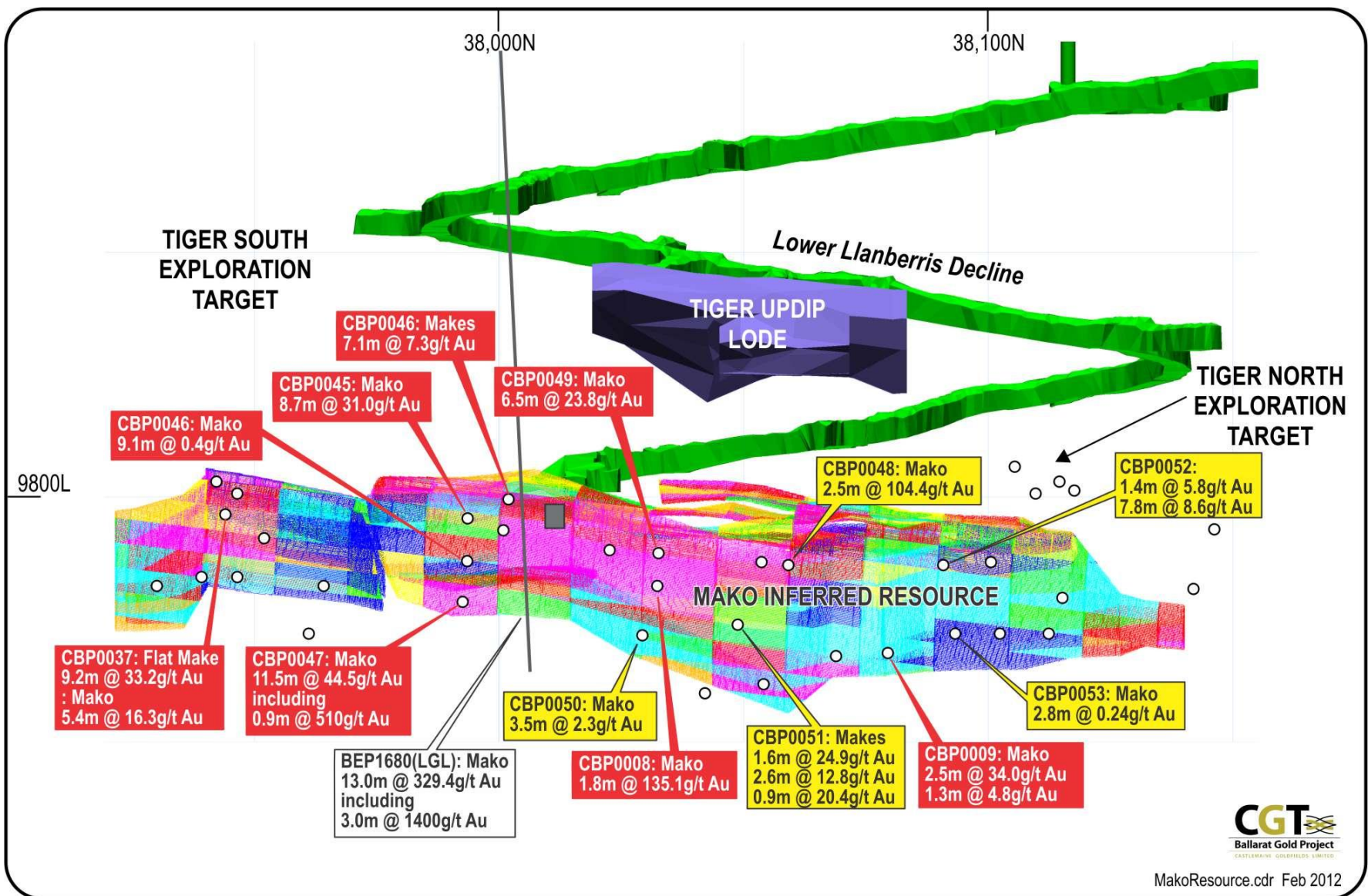
An **<sup>3</sup>Exploration Target** in the range **400,000 t to 750,000 t at a grade of between 4 g/t Au and 8 g/t Au for 70,000 oz Au to 165,000 oz Au** has been determined for the Llanberris (Tiger) and Britannia (Mako) Compartments of the First Chance Line, and the Llanberris and Britannia Compartments on the Sulieman Line. The Victoria Compartment on both the First Chance and Sulieman Lines carries additional potential not currently quantified as a Target. All areas are within 150 metres of existing underground infrastructure.

<sup>1</sup>Mineral Resources which are not Ore Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, operational cost, metal price, mining control, dilution or other relevant issues. There has been insufficient exploration to define these Inferred Mineral Resources as an Indicated or Measured Mineral Resource, as there are insufficient close-spaced drill hole data to adequately define grade and geological continuity for this structurally complex deposit. It is uncertain if further exploration will result in upgrading the Inferred Mineral Resource to an Indicated or Measured Mineral Resource category or to Ore Reserves.

<sup>2</sup>Updated in January 2012 to 121,000t @ 10.0g/t for 38,300 oz Au.

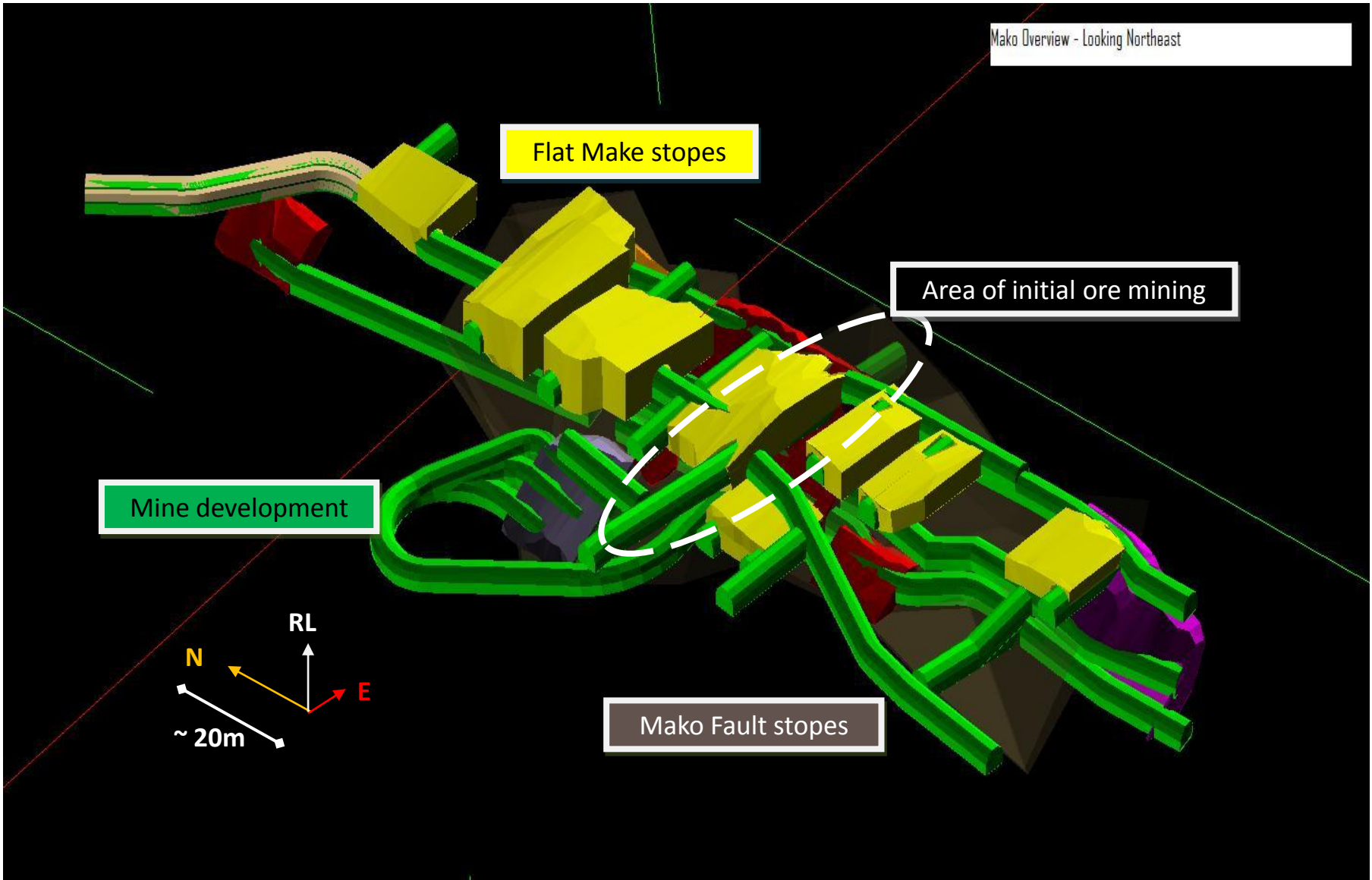
<sup>3</sup>An Exploration Target is a hypothetical view of mineralised reef which is not necessarily economic. It is not a Mineral Resource or Ore Reserve. There is no guarantee that tonnages will be either realised or economic. Further study, including underground development and diamond drilling is required.

# Mako in Llanberris Exploration Results



NB. All 2011 diamond holes recently drilled into the Mako Resource shown. No holes or results from new holes are omitted. Drilling is ongoing.

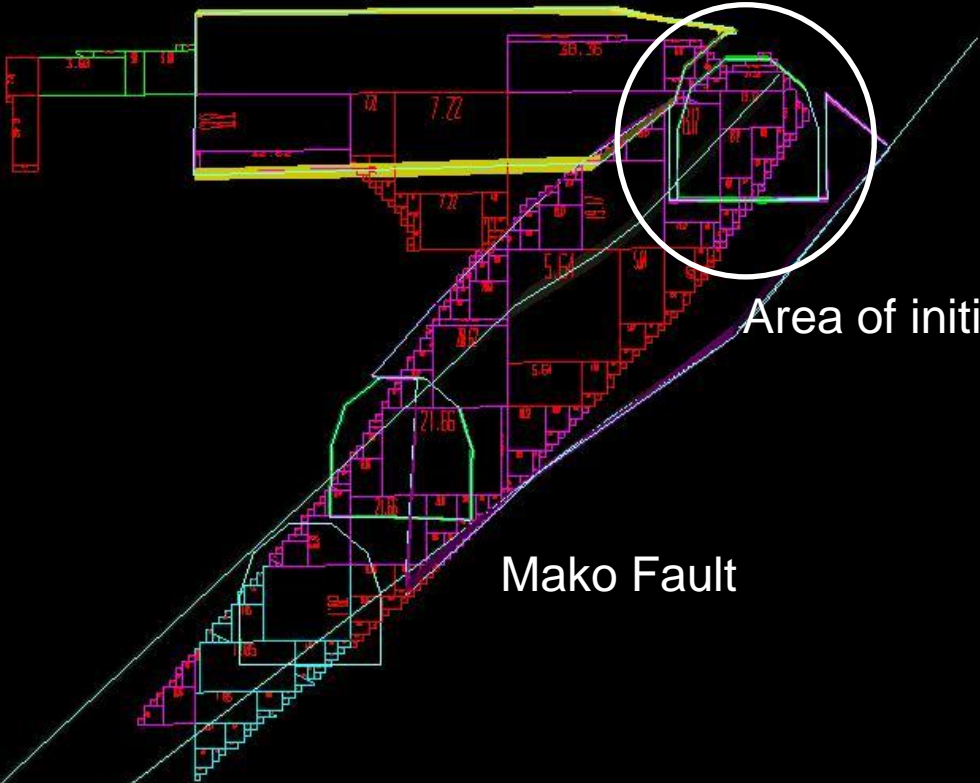
# Mako Mine Design



# Mako Mine Design

37950 N Section

Mako flat make



Area of initial ore mining

Mako Fault

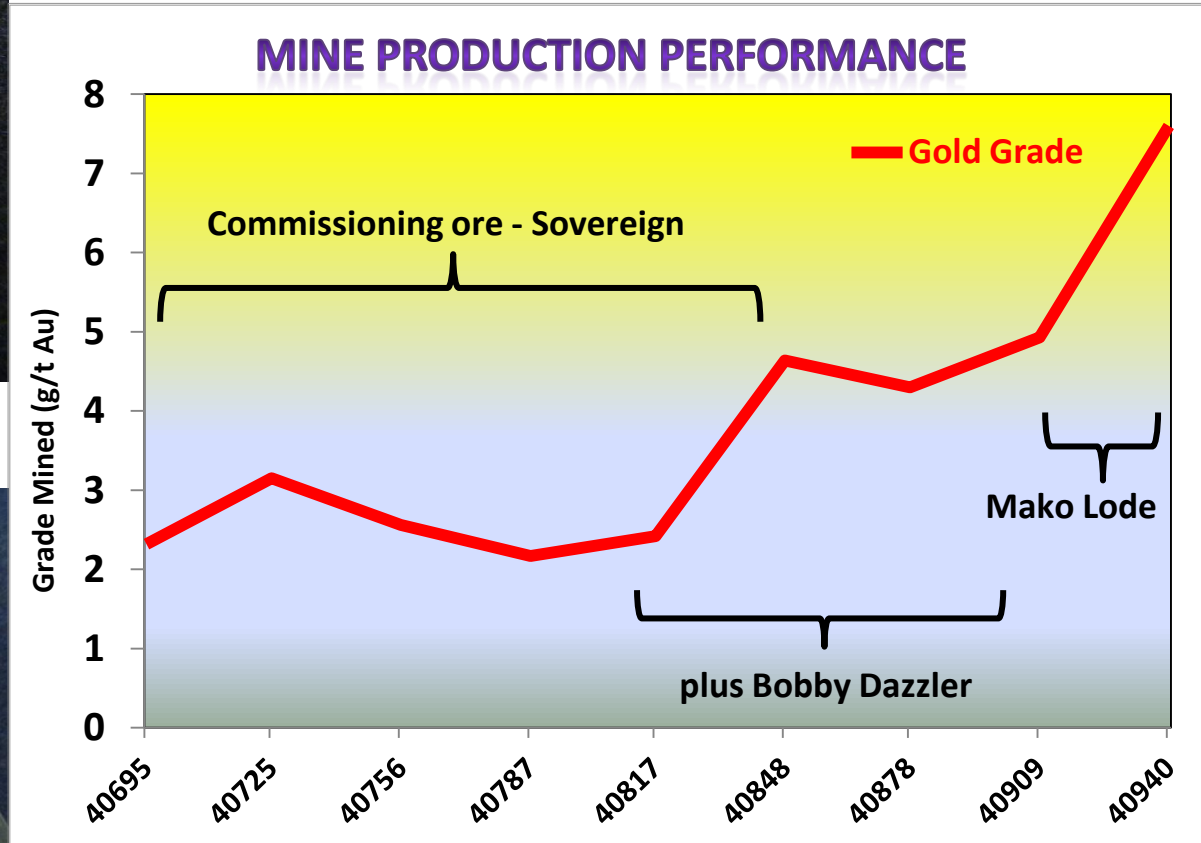
~ 5m



# Mako Performance



*Examples of coarse gold recovered from the processing of Mako Lode ore*





# Ballarat – Future Growth

- Near mine exploration targets
- Exploration Targets totalling approx. 400 to 750kt @ 4 to 8g/t Au for 70,000 to 165,000 oz Au identified\*
- Focus on northern compartments (geological and mining conditions are favourable)
- Significant growth potential

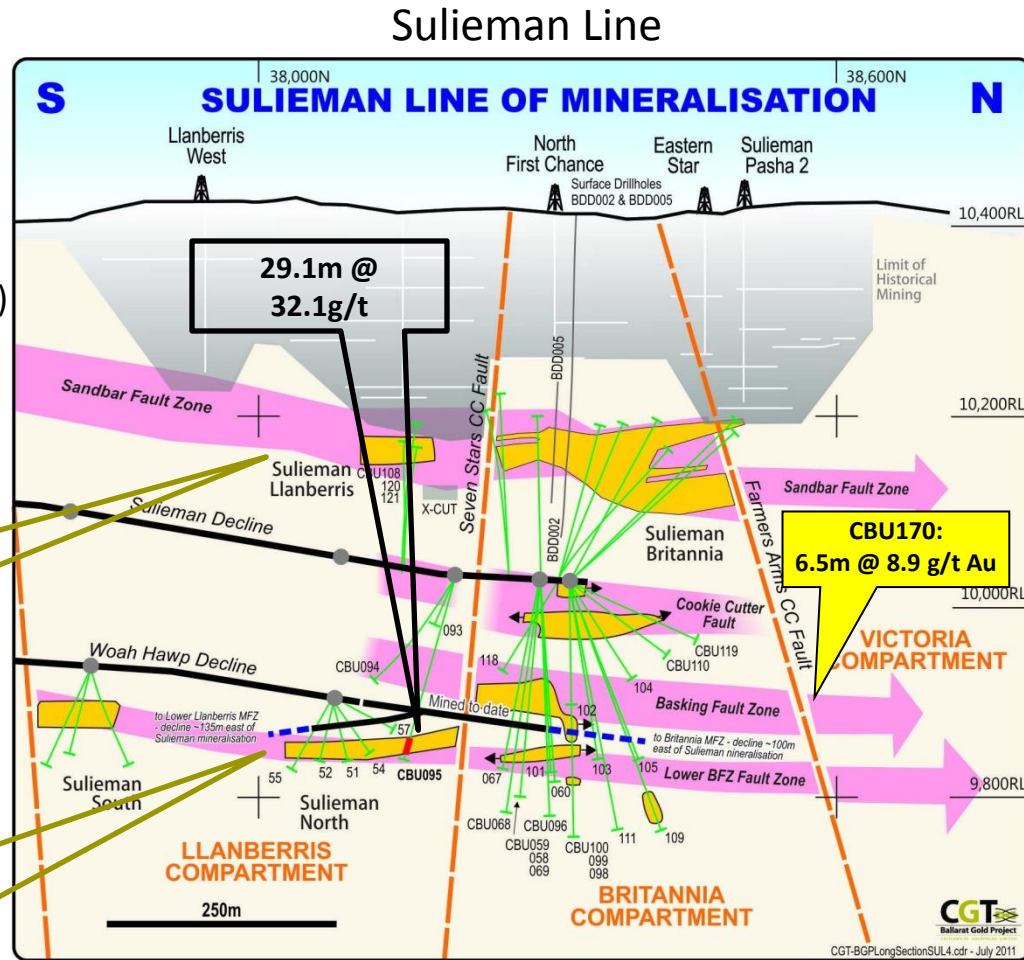
• **Sulieiman Line Upholes.** Open to the north. Intersections include:

- 1.1m @ 119 g/t
- 0.5m @ 163 g/t
- 7.8m @ 13.8 g/t
- 5.5m @ 61 g/t
- 7.3m @ 7 g/t
- 12.7m @ 10 g/t

• **Sulieiman Line – Basking Fault Zone** – close proximity to existing development. Intersections include:

- 1.3m @ 54 g/t
- 8.0m @ 7.3 g/t
- 1.4m @ 26.6 g/t
- 1.2m @ 69 g/t
- 8.8m @ 9.2 g/t
- 12.7m @ 7.1 g/t
- 1.3m @ 65 g/t
- 2.7m @ 118 g/t

• **Victoria compartment** 6.5m @ 8.9 g/t



\* The Exploration Targets described in this Presentation are conceptual in nature, and there is insufficient information to establish whether further exploration will result in the determination of a Mineral Resource. Refer Page 2 and 16 also.

# Summary

- ASX listed gold explorer and producer with a market capitalisation of \$26 million with an EV of just \$10million.
- Low capital entry cost (<\$10M). No debt (other than \$1.1M equipment lease facility).
- Strong asset base:-
  - **Ballarat** – nine month production ramp-up commenced. First gold poured.
  - Realistic production profile **targeting 50,000 ounces per year** from late 2012 from the Llanberris and Britannia compartments (contingent on exploration success).
  - **Regional growth profile** from 5 significant goldfields with activities curtailed until 2H 2012 to focus on Ballarat.
- Significant mining, ore processing and **supporting infrastructure** already in place (over \$400M previously spent), plant commissioned and all personnel and permitting in place (de-risked).
- Clear growth path to exploit assets:-
  - Defined path to ramp-up **production commenced Q3, 2011**
    - 1H 2012 – In-reef mining in the higher grade Mako Lode to demonstrate its geology and grade performance, and
    - In-fill and exploration drilling commitment to firm-up the Mako in Llanberris, and
    - Allow drilling in the Britannia compartment before any decision is made to re-commence mine development to access any identified mineralisation in that compartment.



[www.cgt.net.au](http://www.cgt.net.au)  
ASX: CGT



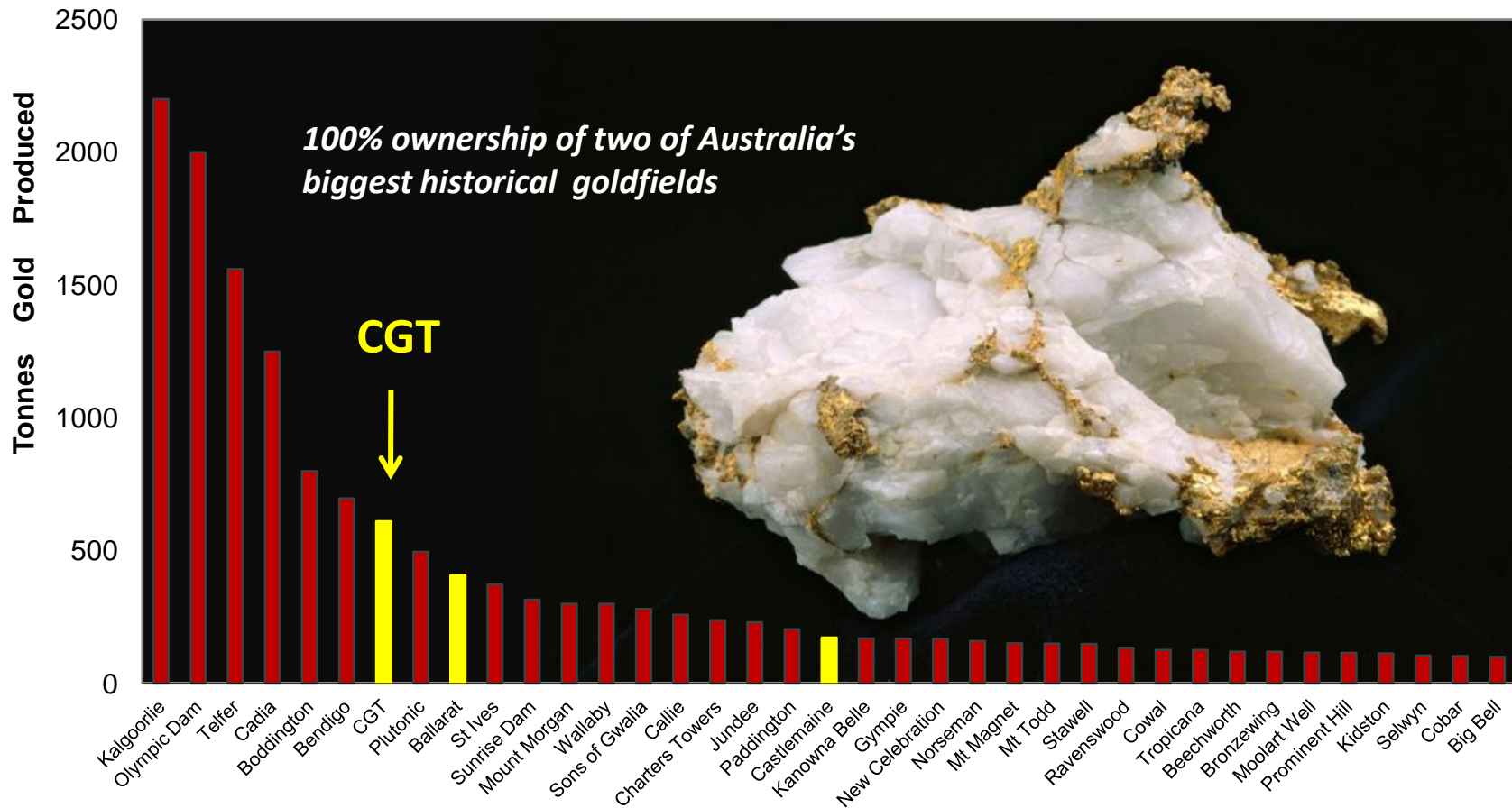
Ballarat Gold Plant with Gold Room at end of rainbow

# APPENDIX



# Assets In an Australian context

## DISTRIBUTION OF GOLDFIELDS IN AUSTRALIA

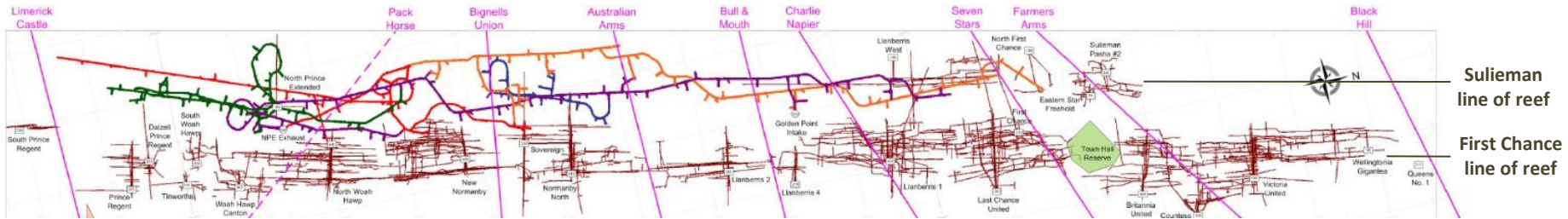


Combining the Ballarat, Castlemaine and the Berringa goldfields makes CGT owner of Australia's fourth largest historical gold only producing tenements (excludes multi commodity fields like Olympic Dam and Telfer (Cu credits)).



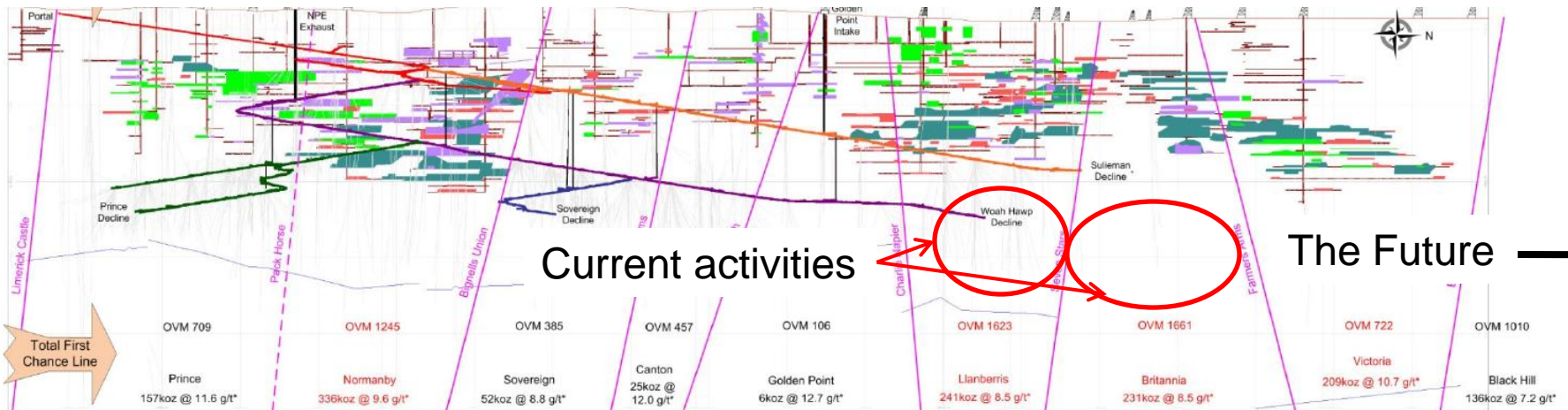
# Ballarat – Existing Mine Workings

The graphic shows the present historical development with ounces per vertical metre (OVM) as presented by LGL  
Plan View



3.5 km strike length

## Cross Section



Summary# – First Chance Line 1,393koz @ 9.2 g/t\* All Lines 1,562koz @ 8.9 g/t\*

# Summary is for Ballarat East Line from Limerick Castle Cross-course fault north (5.1km)

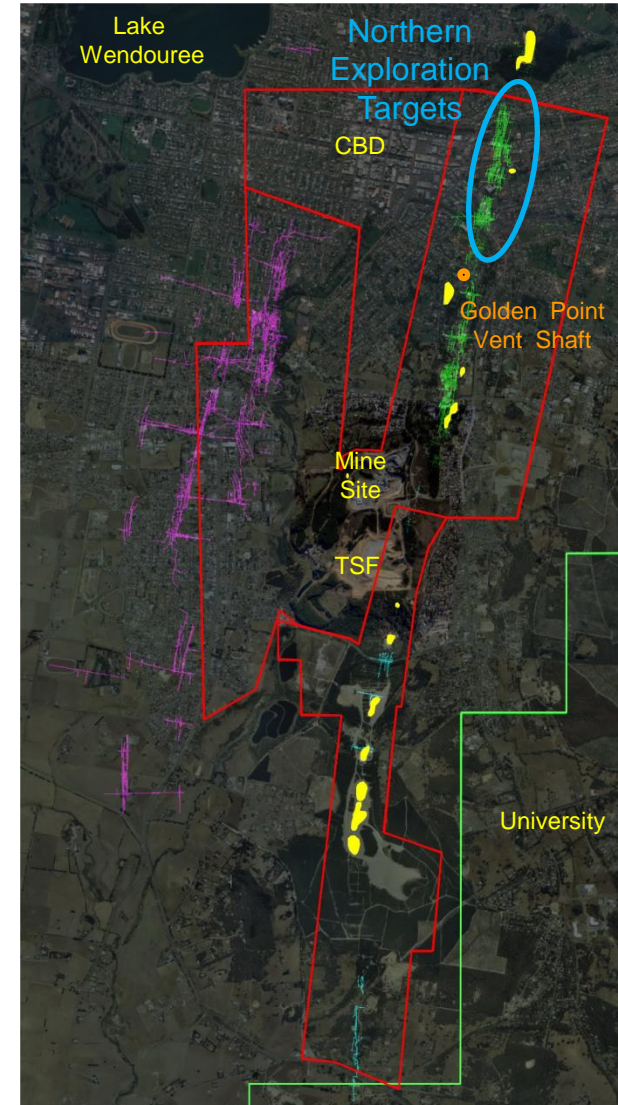
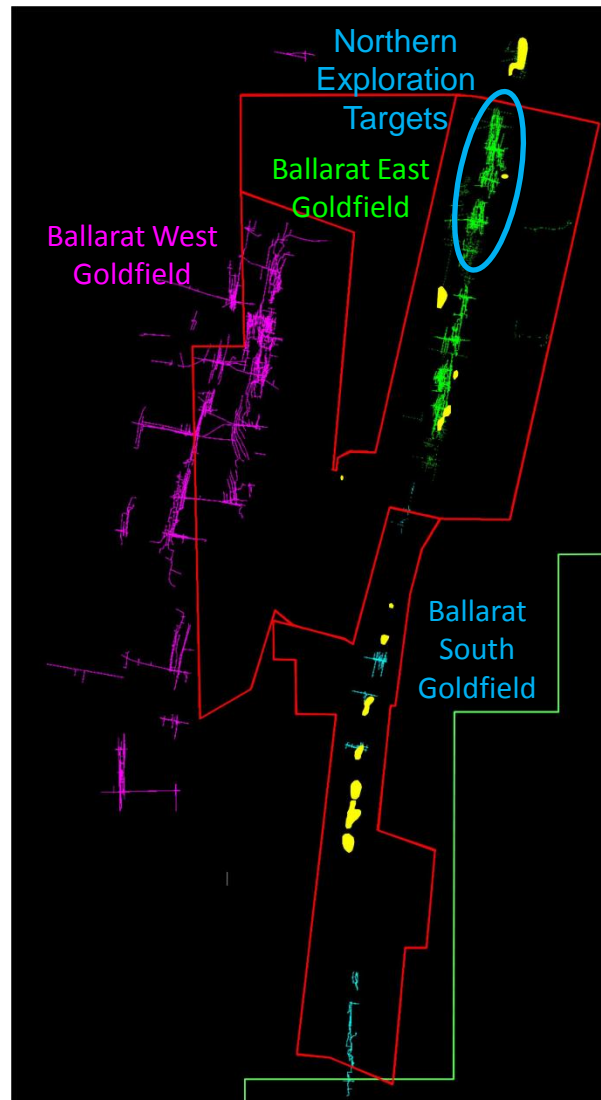
\* Recovered grade determined from all available records where both tonnes and ounces are recorded. Not a complete dataset.

OVM = Ounce per vertical metre per strike kilometre



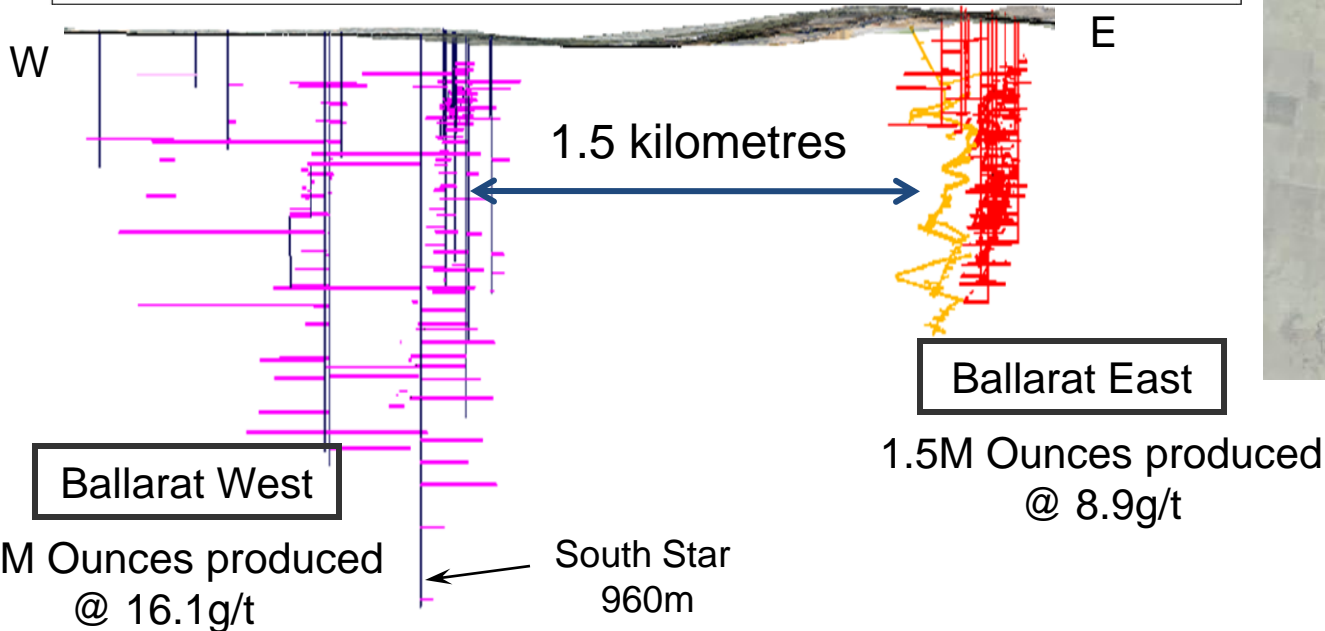
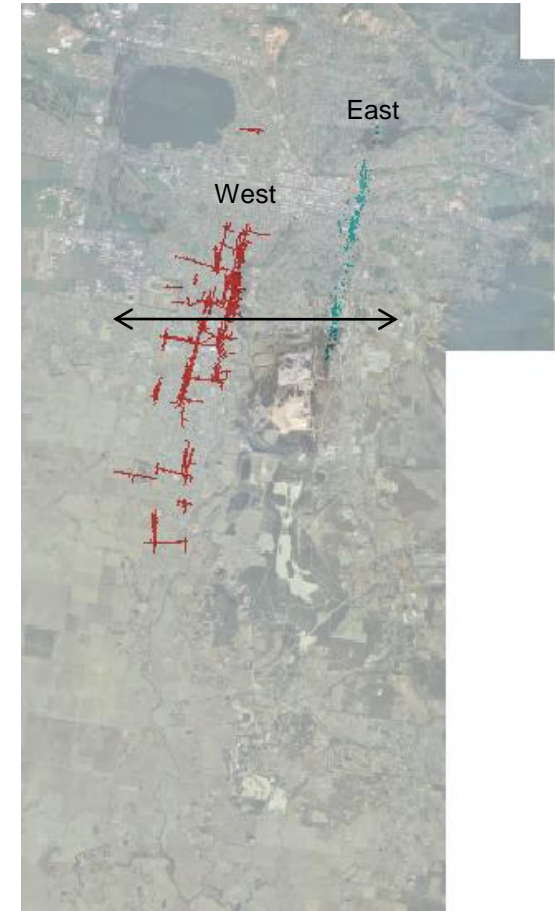
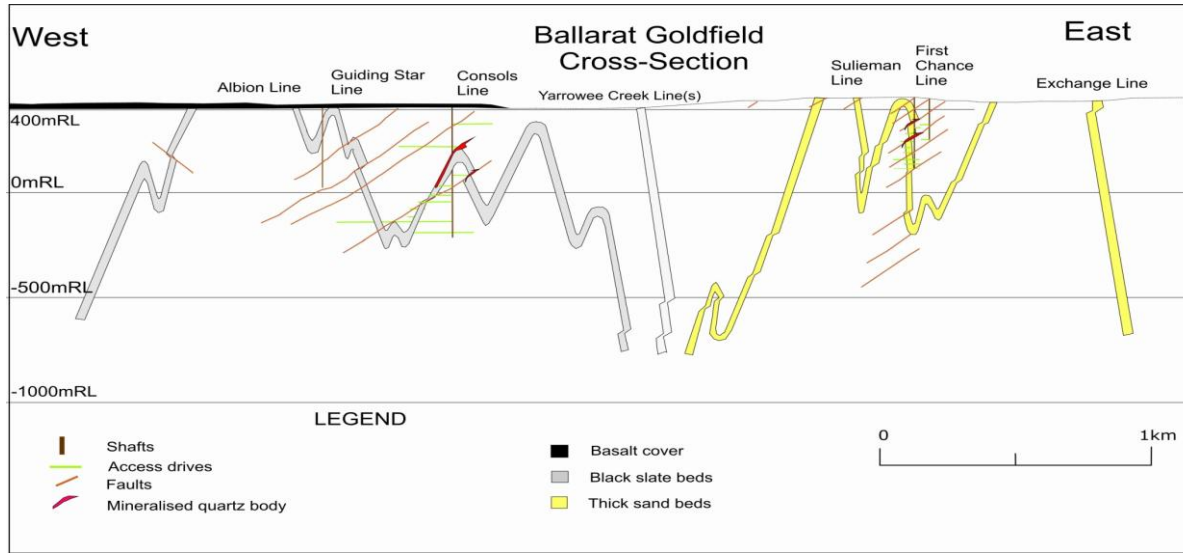
# Ballarat – The Town and its Goldfields

Ballarat Goldfield 100% controlled by CGT





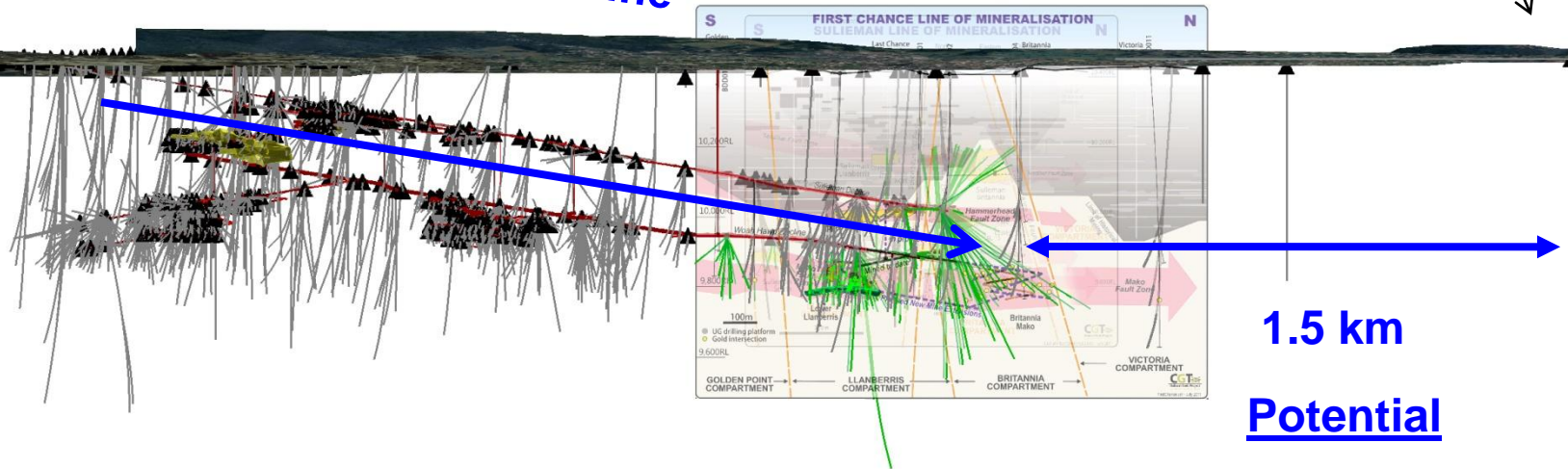
# Ballarat Goldfield – East and West



# Ballarat East Goldfield

Black Hill  
open pit  
mine

3 km decline



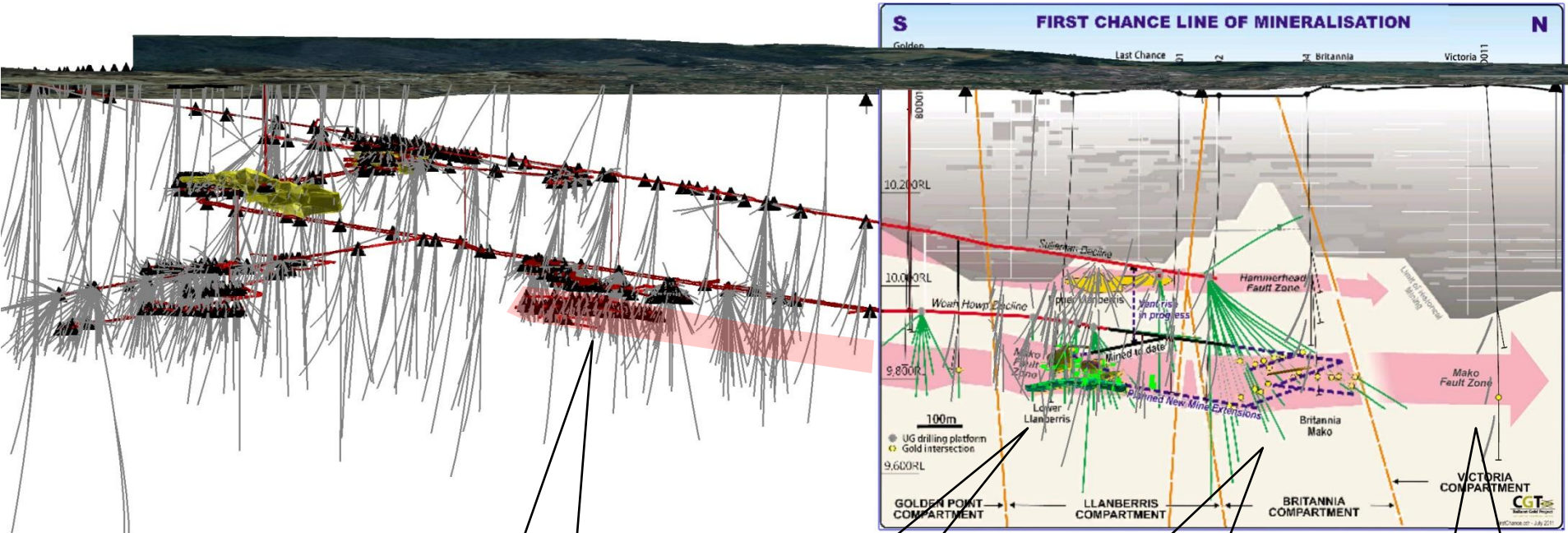
+18 km of UG mine development in place





# Ballarat East Goldfield

## Mako Fault Zone ore sources



Sovereign  
Mining area

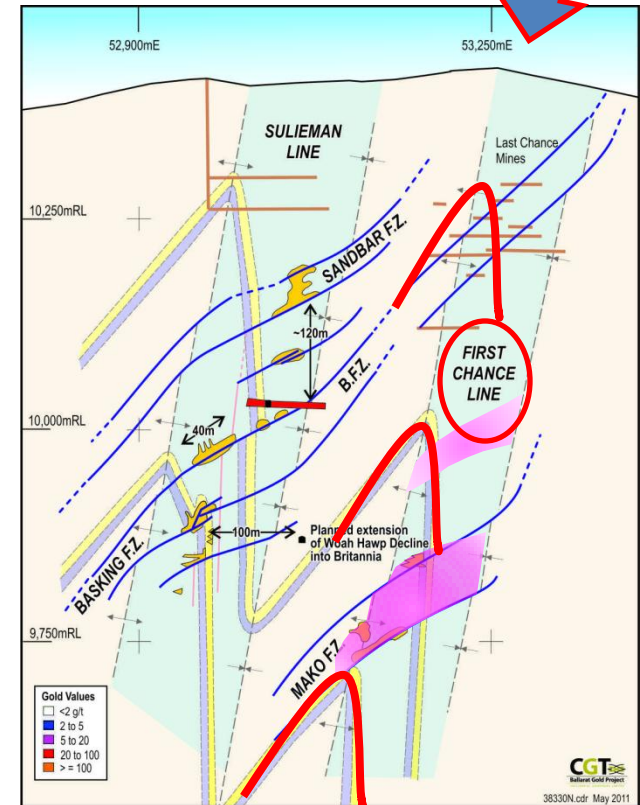
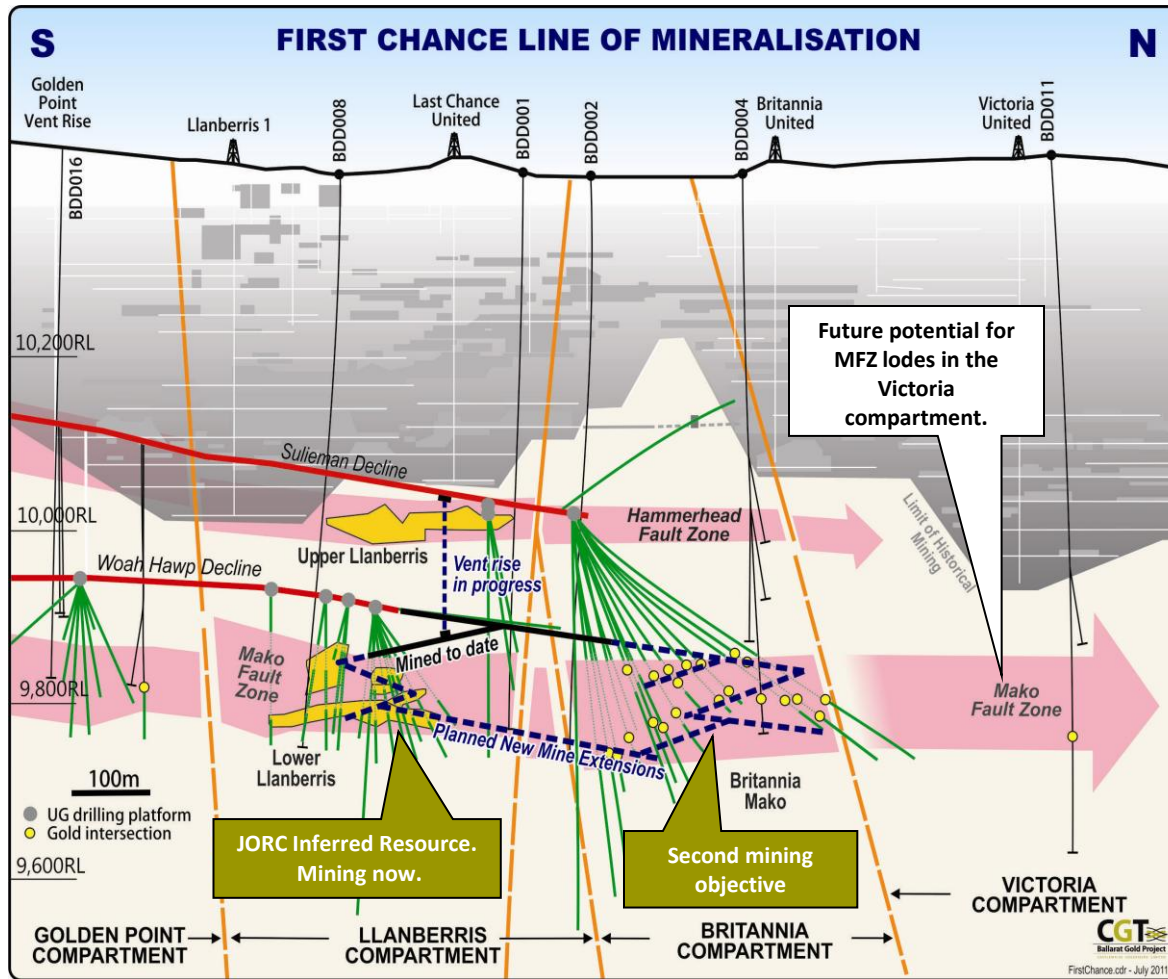
Llanberris  
Mining area.  
Mako the  
primary  
target

Britannia  
Mining area  
(contingent  
on successful  
diamond  
drilling)

Victoria -  
future mining  
area?

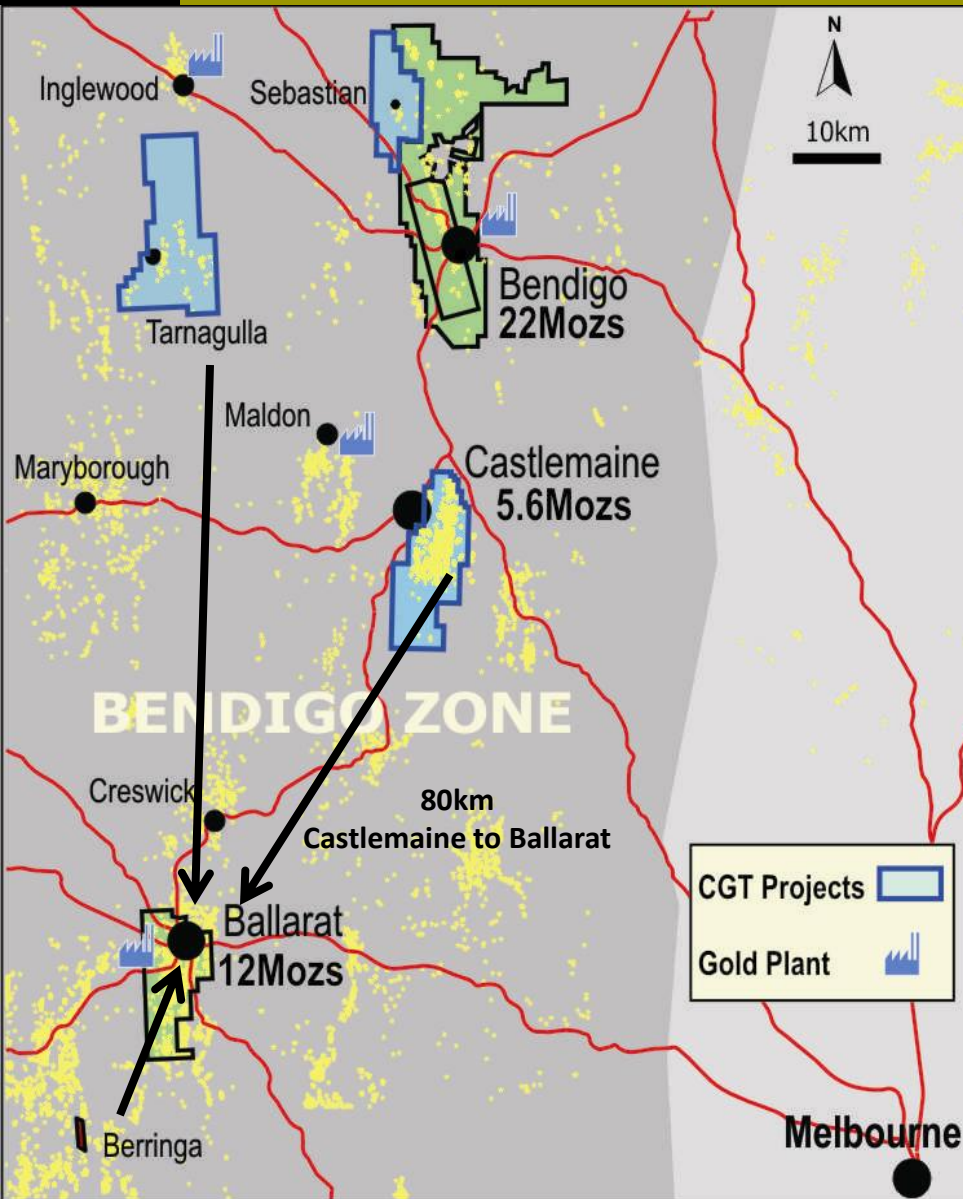


# First Chance Line of Mineralisation



Anticline

# CGT Regional Hub of Projects



Other ore-supply potential at  
Castlemaine and Tarnagulla



Existing JORC  
Resources



High grade mines  
1oz/t – 3 oz/t

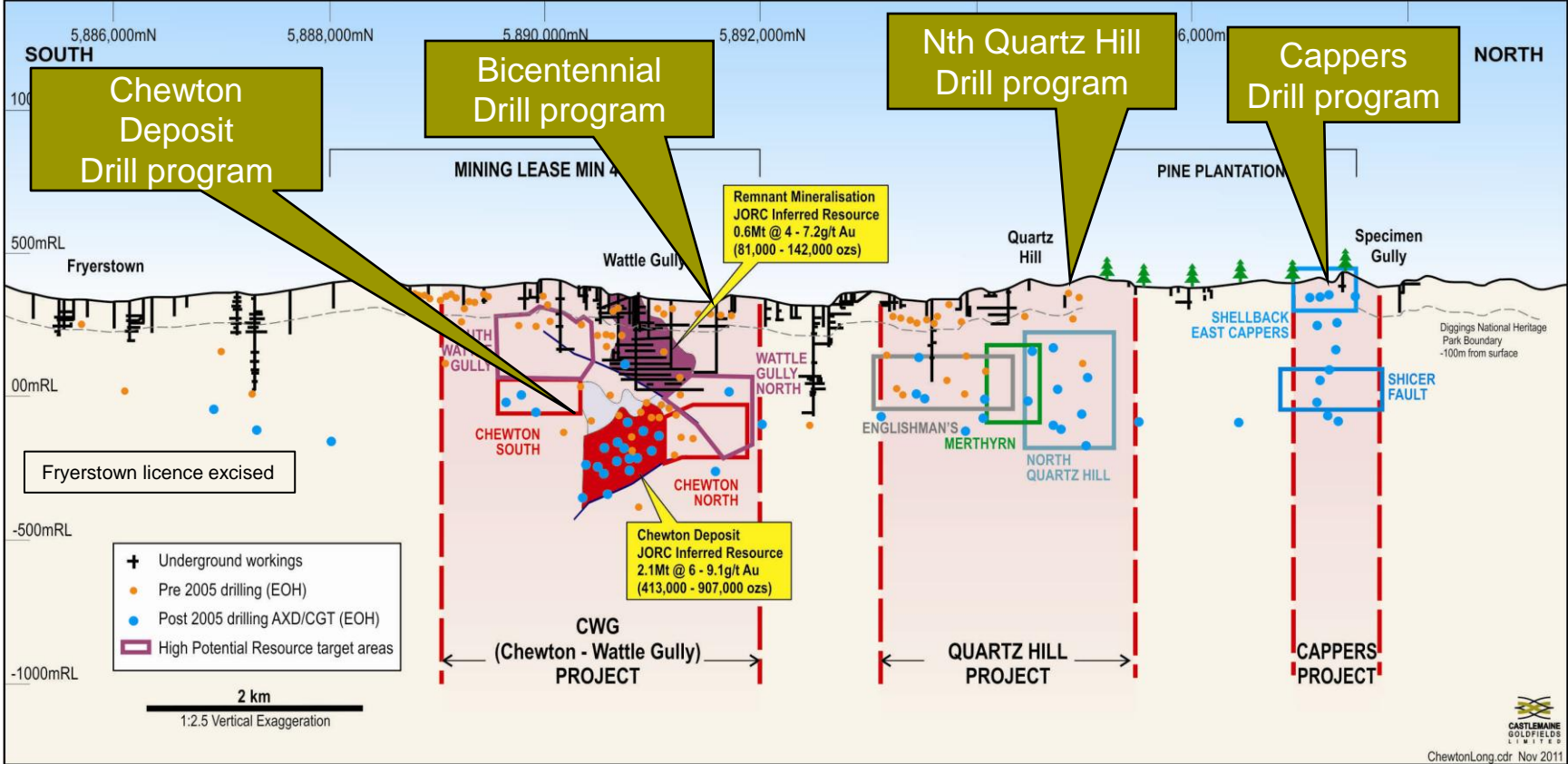
Also potential from the Berringa goldfield



# Castlemaine Project

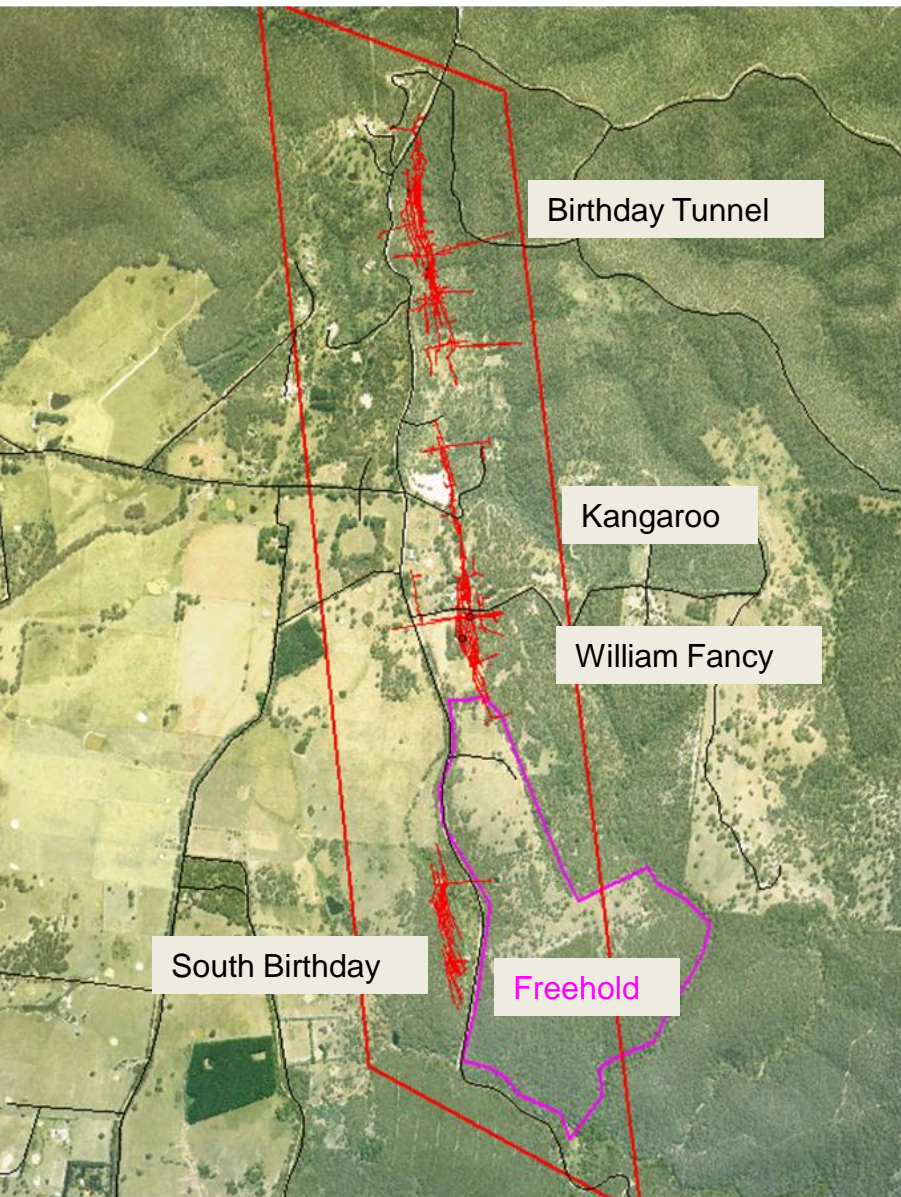
**Our tenements cover the entire goldfield (past historical production of 5.6 million ozs)**

- JORC Inferred Resource of 574,000oz at the Chewton Deposit.
- JORC Inferred Resource of 112,000oz at the Wattle Gully Mine.
- Outcomes suggest further work could be to the immediate north of the Wattle Gully / Chewton deposits, at depth.
- Infill drill program conducted in 2011 to increase Resource confidence and assess underground mining potential.





# Regional : Berringa – 25kms to Ballarat Mill

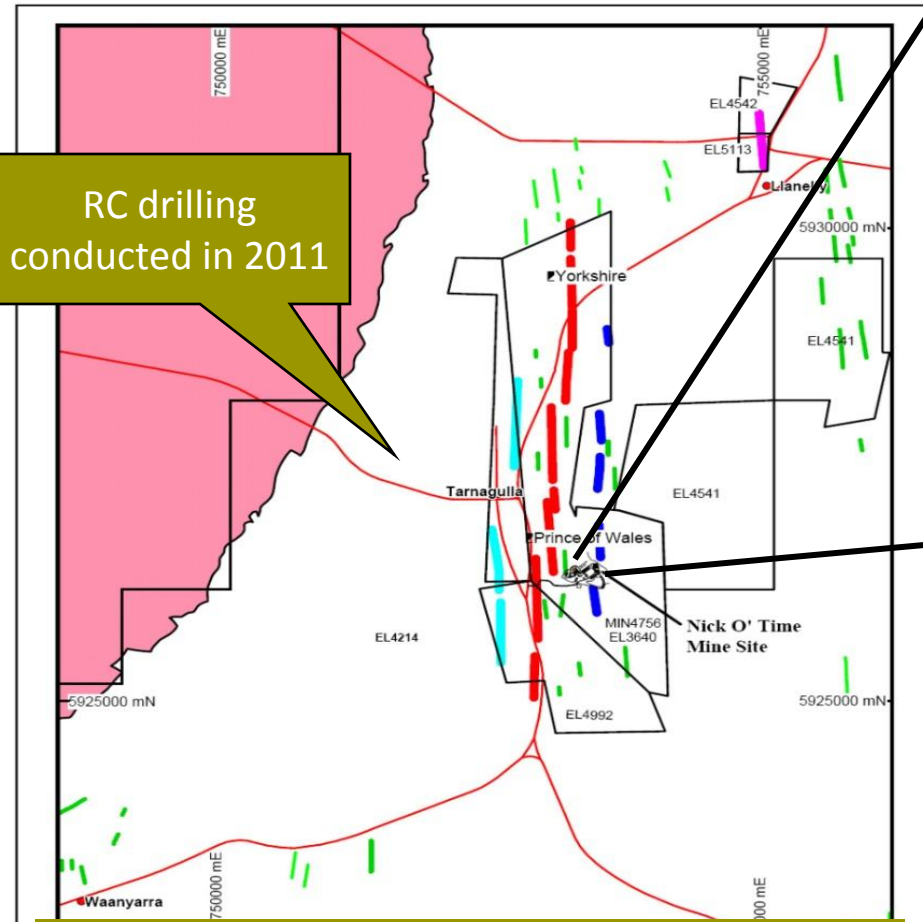


- Victoria's ninth largest historical goldfield
  - **960,000 ozs**
- Alluvial gold discovered in Kangaroo Gully in 1856
- Small scale quartz mining between 1865 to 1898
- Large scale quartz mining beginning in 1898 and lasting until 1917 (WW1)
- Historical production (1898 to 1917) – 292,000oz from 1,080,000 tonnes (8.4g/t)\*
- Underground exploration at the Berringa Mine in the 1970's and 1980's with limited work done

Deep drilling for repeat gold?

\* = Recovered

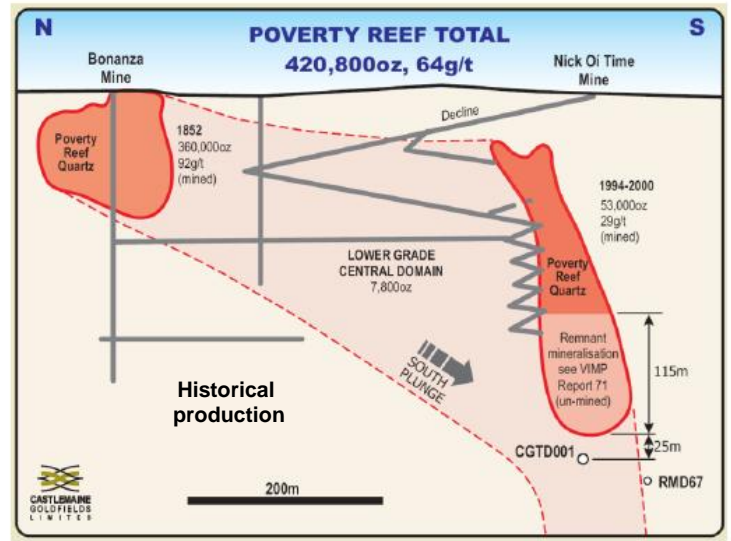
# Regional: - Tarnagulla



RC drilling  
conducted in 2011



82 named gold-bearing veins at surface.  
Numerous un-named, unknown for gold.  
How many under the surface?



Offers a high grade source 100kms from Ballarat with proven modern mining history (1994-2000)

# Sebastian / Raydarra

Farm-in agreement  
with Navarre Minerals

Navarre AC result  
- 10m @ 34 g/t Au from 37m  
- Depth of cover = 19m

## CGT Projects

Frederick the Great mines  
Past production 187,000 oz at  
~10g/t Au

Bendigo goldfield  
Past production 22 million  
ounces

