



29 January 2019

Craig Riley
Business Development Manager

Going for gold

**Pushing for production
in Central NSW by 2022.**

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Rimfire is going for gold. We are pushing hard for first production from our Sorpresa gold deposit by 2022.

01

New focus

02

Proven people

03

Strong pathway



01

New Focus

Going for gold



Monetisation of the Sorpresa gold deposit is our highest priority.

We are now focusing on the optimal pathway for the project.

A

Located in proven gold precinct

B

JORC resource

C

Reliable gold fundamentals

D

Exploration upside



Sorpresa is located at Fifield, central New South Wales in an existing gold district with over 100 years of mining activity.

A

Located in proven gold precinct

B

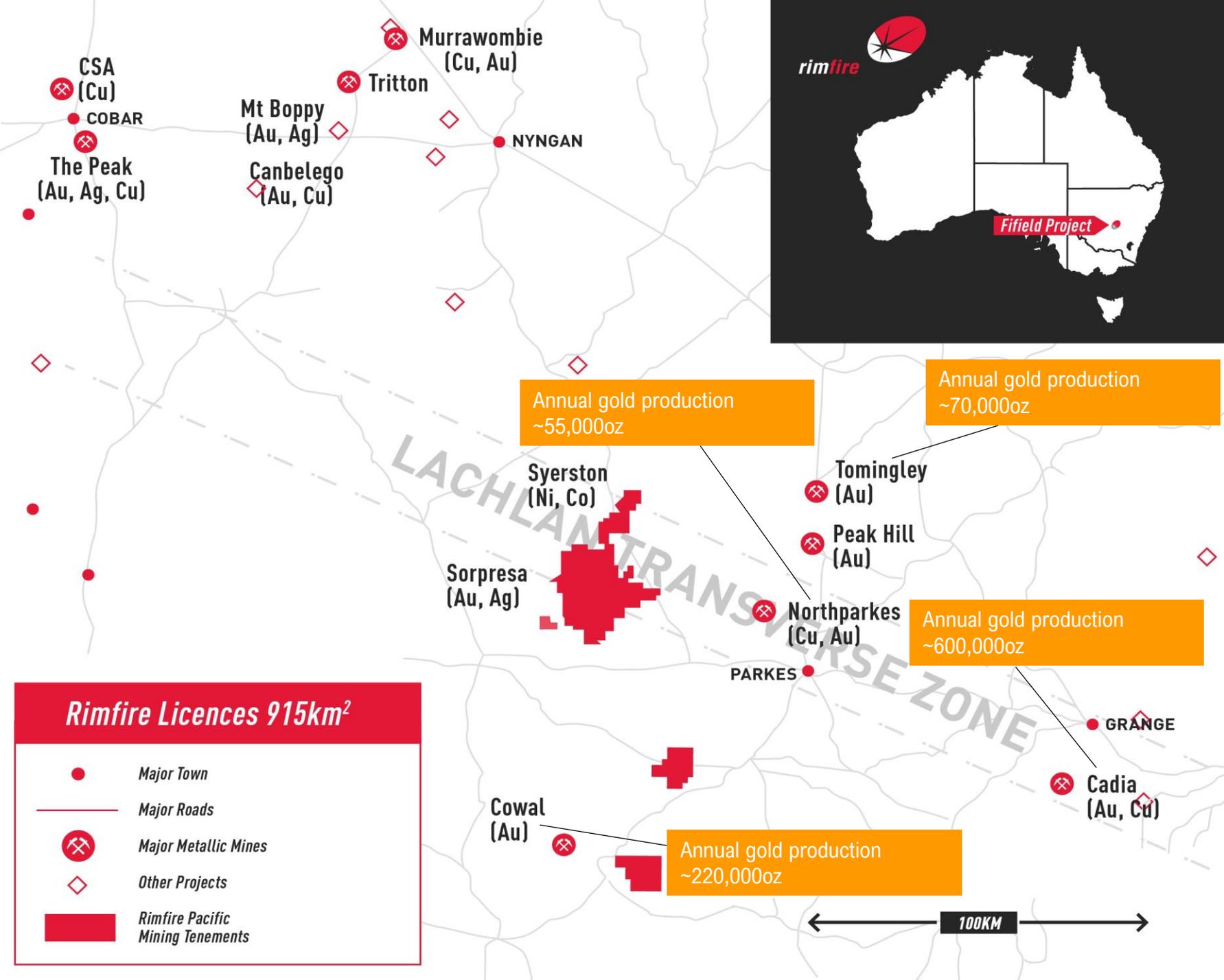
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80Moz* of known gold resources within 150km of Sorpresa.

Deposit	Ownership	Cumulative AU reserves and resources	Approx pa gold production	Market Cap (Dec 2018)
Cadia Valley Operations	Newcrest Mining	+60Moz	600,00oz	\$16 billion
Cowal	Evolution Mining	10Moz	~220,000oz	\$5.6 billion
Tomingley	Alkane Resources	0.7Moz	~70,000oz	\$96 million
Northparkes	CMOC	+10Moz	55,000oz	\$26 billion

1Moz* of gold is produced annually from the area.

*Source: Internet open file data

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Sorpresa has an established JORC resource estimate of 125,000oz gold and 7.9Moz of silver.

* 23 December, 2014 ASX announcement

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Sorpresa has numerous high-grade intersections, including:

Fi160 (1)	14m @ 21.9g/t Au from 34m
Fi212 (2)	14m @ 24.4g/t Au from 26m
Fi241 (3)	10m @ 1.01g/t Au and 535g/t Ag from 70m
Fi329 (4)	1m @ 114g/t Au from 159m
Fi689 (5)	9m @18.15g/t Au and 100g/t Ag from 18m
Fi716 (6)	7m @13.41g/t Au and 751g/t Ag from 19m

*ASX Announcements dated; (1) 26 July 2012, (2) 10 October 2012, (3) 18 December 2012, (4) 17 July 2013, (5) 4 December 2015, (6) 29 April 2016

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Turbo-charged gold

- Safe-haven metal with broad appeal.
- The World Gold Council* is predicting future strong support for gold price.
- NSW is Australia's second-largest gold producing state. Output totalled 36 tonnes in 2018.

* Outlook 2019: Economic trends and their impact on gold report

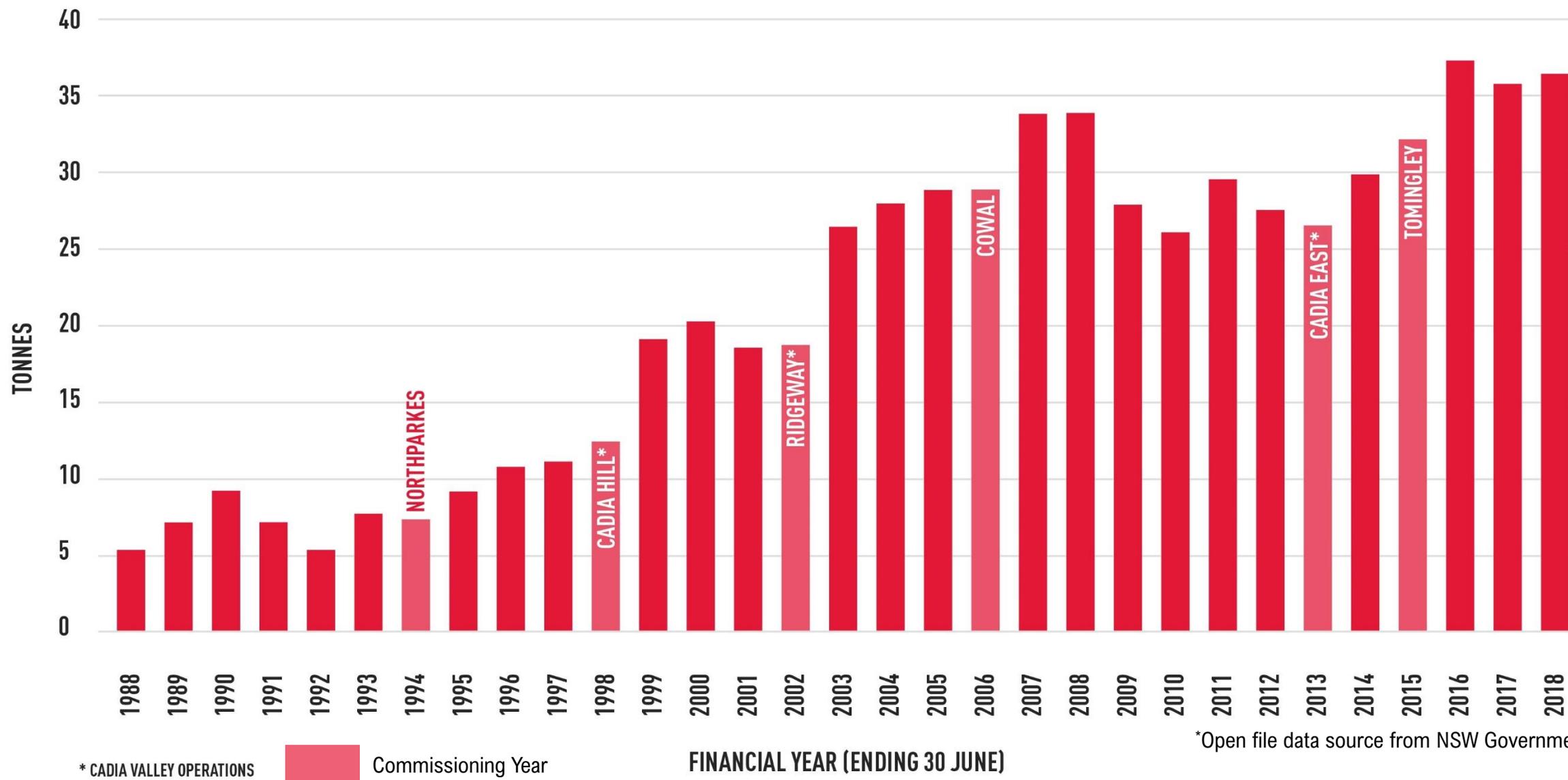
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GOLD PRODUCTION IN NEW SOUTH WALES (1988—2018)



In 2018, approximately 30 tonnes a year, or 90% of NSW's gold production, came from the Sorpresa district.



Pipeline of significant discovery prospects.

- Rimfire exploration licences have potential to host large gold or porphyry copper/gold style deposits.
- New interpretations on rock ages could lead to world-class discoveries.
- Positive cash flow can support an ongoing regional exploration program.

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02

Proven People

Going for gold



**We have the team to
drive first gold
production by 2022.**

We also have the team to
support ongoing
exploration.

02 PROVEN PEOPLE



Craig Riley

Business Development
Manager

- Global experience in exploration, evaluation and mining including at Northparkes.
- Development of two open pit operations at BHP Billiton.



Andrew Greville

Non-Executive Director

- Qualified mining engineer.
- Former General Manager of Business Development at Xstrata.

A

Project and
technical

B

Exploration and
evaluation

02 PROVEN PEOPLE



Mick Love

Geology consultant

- Headed the team that discovered gold at Evolution Mining's Cowal Project.
- Extensive experience in evaluation of large, prospective areas.



Colin Plumridge

Geology consultant

- The discoverer of Sorpresa mineralised system.
- Expert prospector with many discoveries.

A

Project and
technical

B

Exploration and
evaluation



03

Strong Pathway

Going for gold



Aspire for first gold at Sorpresa by 2022.

- The company's initial aspiration is to be a 10,000oz per annum gold producer in three years.
- Exploration and resource expansion will continue to be a focus, with the goal of increasing mine life and annual production.

Target Schedule

Approval pathway

Day 0

Board Approval
EIA Process

6 months

Engineering Technical Studies

12 months

Environmental Impact Assessment

15 months

EIA Community Review

18 months

EIA Ministerial Department Review

Development pathway

21 months

Board Project Approval

24 months

Major Project Contracts Signed

33 months

Process Plant Foundations

36 months

CIL Plant Constructed

39 months

First Ore

EIA= Environmental Impact Assessment
CIL= Carbon in leach

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Shareholder Metrics

ASX:RIM

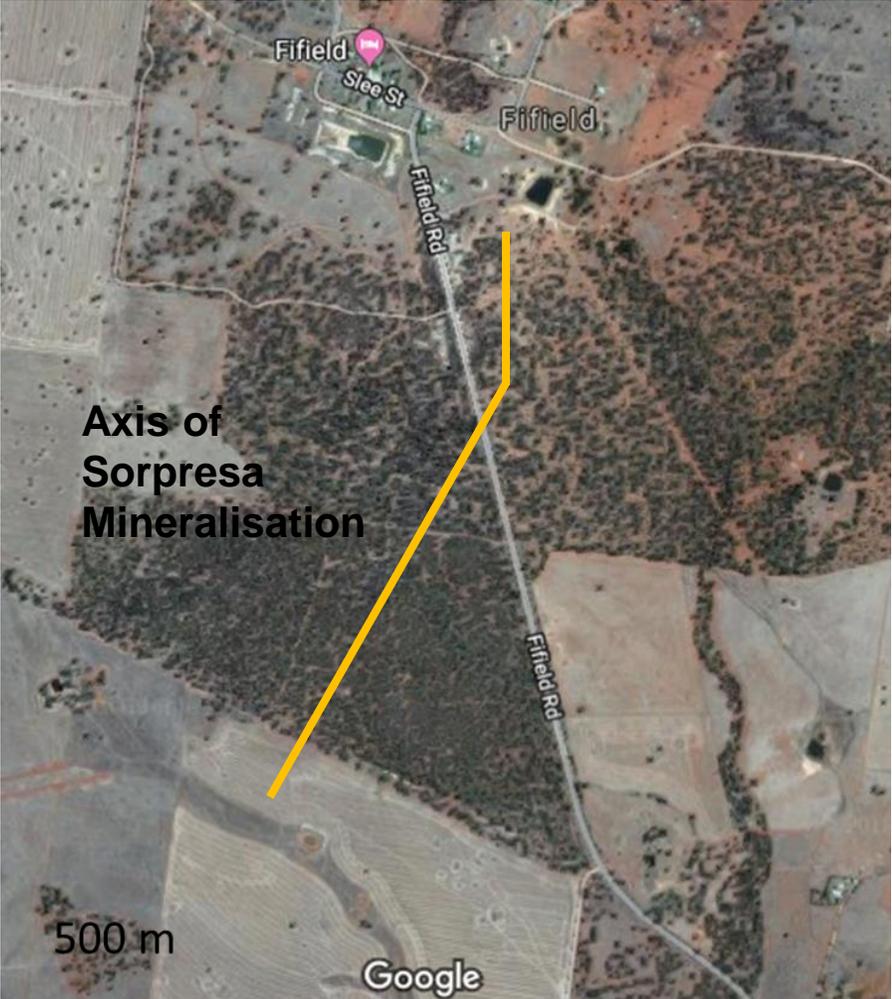
As at 21 January 2019

Cash (as at 30 September 2018)	A\$0.445m
Share price range 2018	H 2.8 cents; L 0.5 cents
Shares outstanding (FPO)	1,070M
Listed Options outstanding (strike 2.2 cents)	131M
Unlisted Options outstanding (strike 2.95 cents)	1.5M
Market Cap. (at 0.7 cents/share)	\$7.5M
Total Shareholders	~2,000
Top 20 shareholders	~35%
Board & Management shareholding	~5.5%
Top Institutional Holder (New Gold Inc.)	2.2%

Appendices

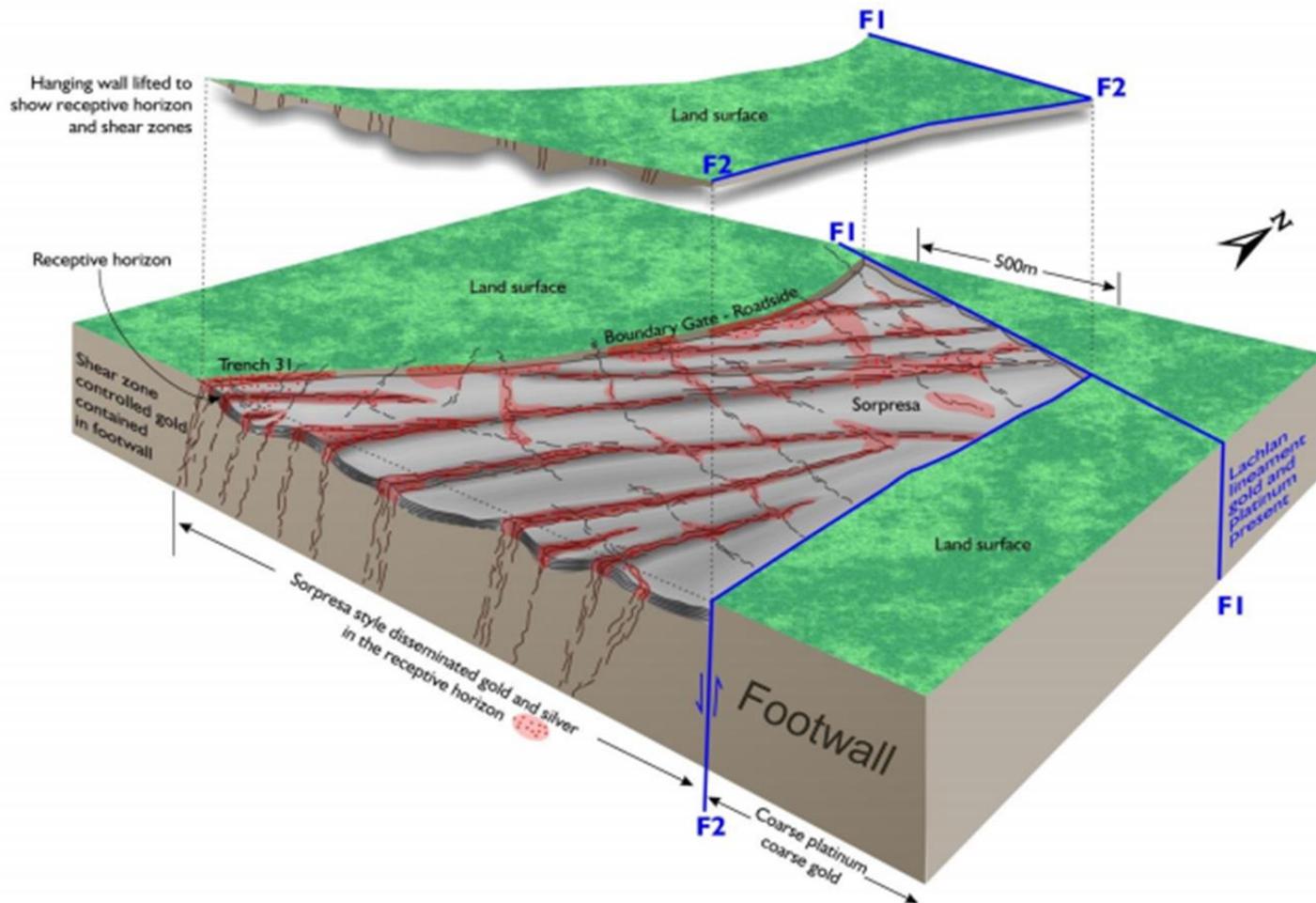
- [Sorpresa maiden resource](#), 23 Dec 2014 (Slide 9)
- ASX Announcements dated (Slide 10); (1) [26 July 2012](#), (2) [10 October 2012](#), (3) [18 December 2012](#), (4) [17 July 2013](#), (5) [4 December 2015](#), (6) [29 April 2016](#)
- [Gold outlook, 2019](#) (Slide 11)
- www.industry.nsw.gov.au (Slide 12)

SORPRESA – LOCATION MAP FIFIELD NSW



Going for gold

SORPRESA – GEOLOGICAL SETTING*



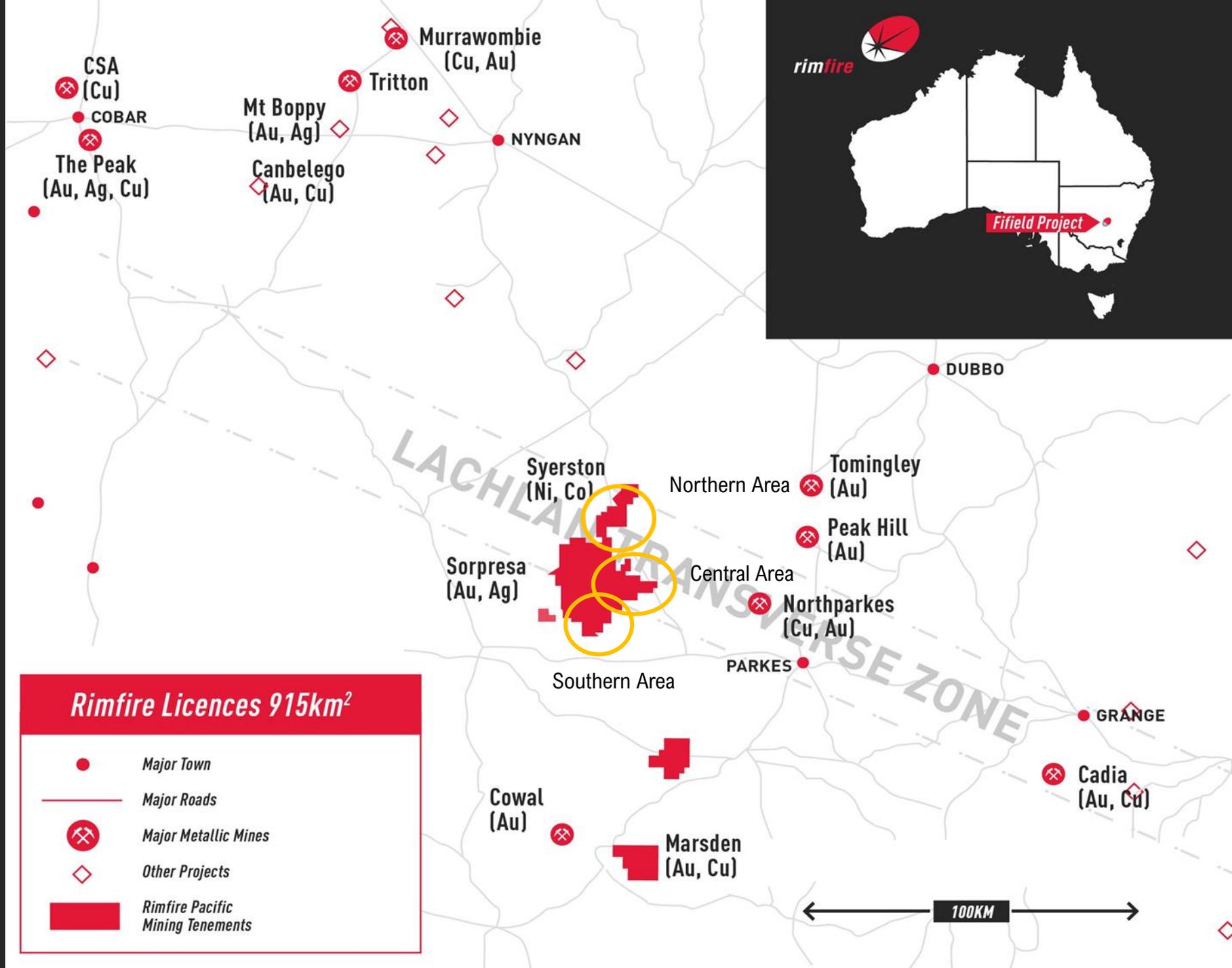
- ✓ Au receptive horizon
- ✓ Black Silica – up to 30m thick
- ✓ Shear zone control
- ✓ Intersecting shears important
- ✓ Lens-like 3D geometry

*Conceptual model of the geological setting

*Refer to slide 23 for link to the December 2014 resource model announcement



LOCATION MAP REGIONAL EXPLORATION AREAS

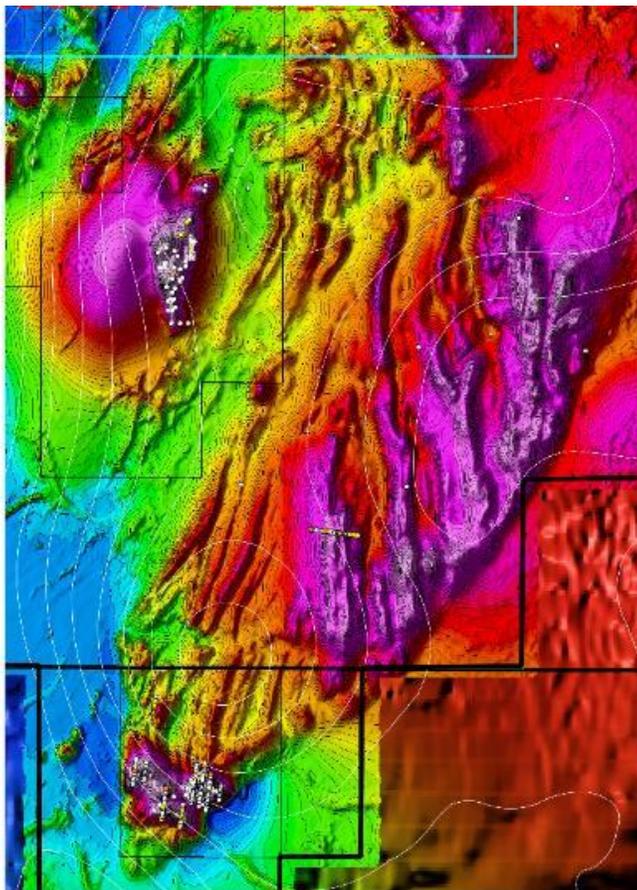


Rimfire Licences 915km²

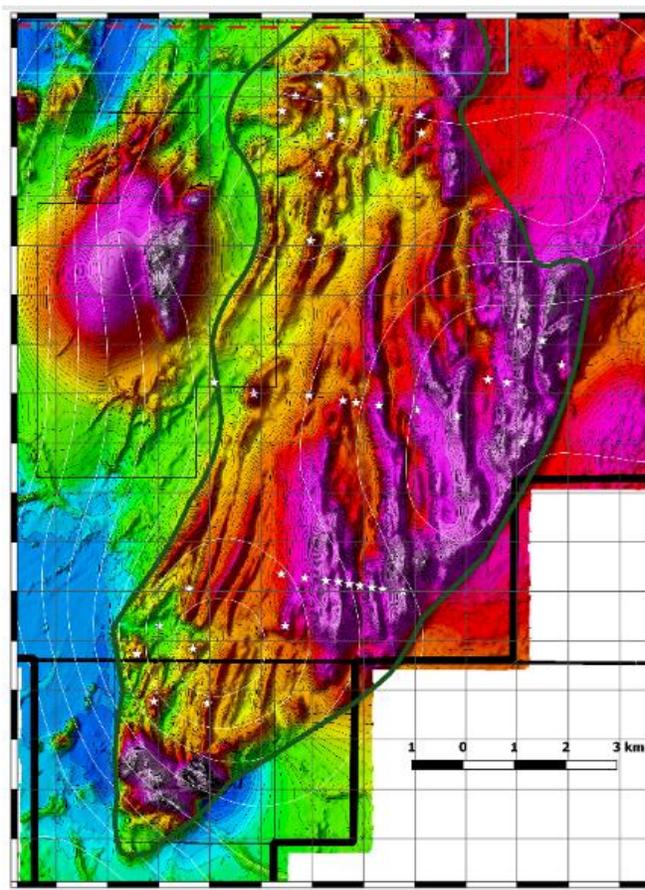
- Major Town
- Major Roads
- Major Metallic Mines
- Other Projects
- Rimfire Pacific Mining Tenements

SOUTHERN AREA

Reconnaissance Mapping -
110km²



Next - Aircore Drilling
(40 x 50m = 2000m)

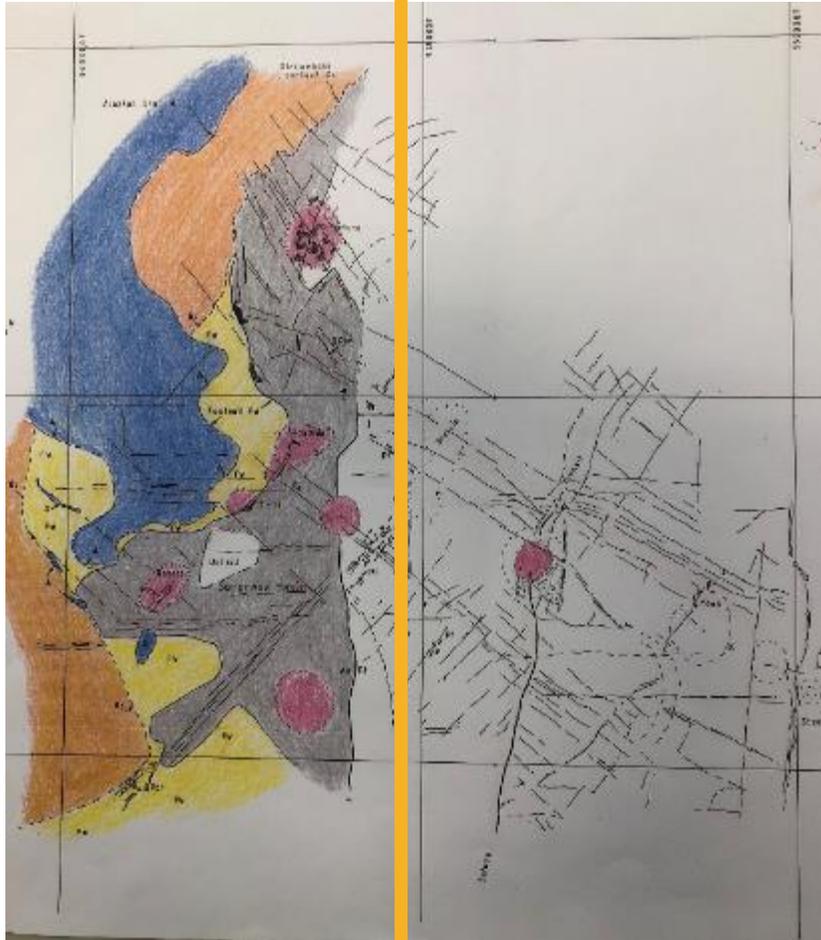


- ✓ Disruptive Thinkers and Genetic Models = New Successes
- ✓ Interpreting previously unrecognised Ordovician Age Volcanics under cover
- ✓ Potential to host large scale porphyry Cu + Au and Au style deposits

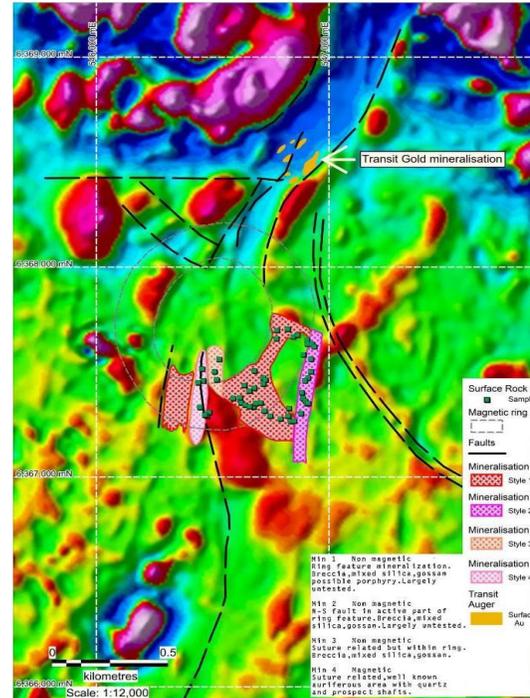
CENTRAL AREA



Sorpresa



Central Area



Macro Setting

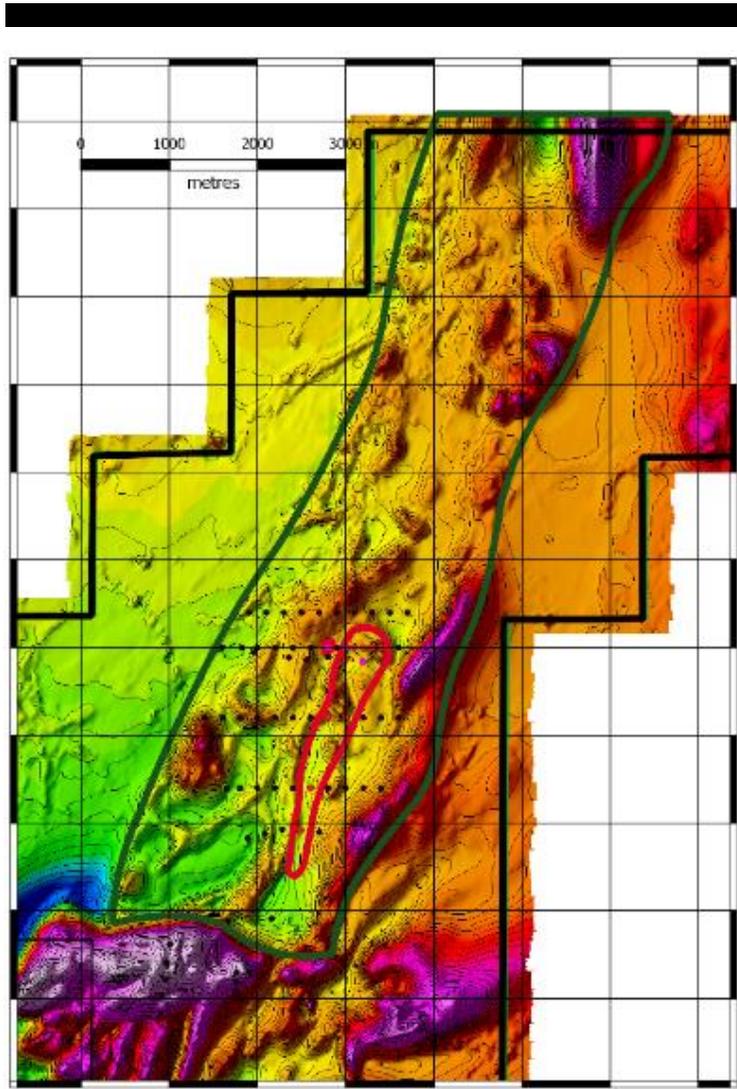
- ✓ Ring Feature in magnetics
- ✓ Intersection of regionally important structures
- ✓ Gravity Low (core) 1km Diameter
- ✓ Best gold intercepts in structural corridor to the north* (20m at 1.1 g/t Au)

Current Work

- ✓ Mapping incomplete
- ✓ Shallow cover
- ✓ Rock chip sampling of one portion of ring zone complete (gossanous rocks in float)
- ✓ Waiting assay results

*27 October, 2017 ASX Announcement

NORTHERN AREA



- ✓ Disruptive Thinkers and Genetic Models = New Successes
- ✓ Interpreting previously unrecognised Ordovician Age Volcanics under cover
- ✓ Potential to host large scale porphyry Cu + Au and Au style deposits
- ✓ Reconnaissance Mapping - 10km² (30%) Complete

Next Steps

- ✓ Complete Reconnaissance Mapping
- ✓ Aircore Drilling Program (circa 2000m)

Legend

- ✓ Green line - Possible/Interpreted Ordovician volcanics
- ✓ Dots – historic aircore holes
 - Red dots > 400ppm Cu
 - Magenta dots > 1000ppm Cu