



Rimfire Pacific Mining NL

ASX "RIM"

2018 AGM Presentation

Melbourne - 15 November 2018



Company Overview

Key Information

- ❑ Rimfire is an ASX listed junior exploration company, with its key operations based in Fifield, Central NSW and head office in Melbourne
- ❑ Rimfire's Sorpresa project has an established JORC resource of 125koz gold and 7.9moz silver – a greenfields discovery in 2011~12
- ❑ A district gold and copper signature is established at Fifield, which sits in the important LTZ corridor
- ❑ Potential exists for large scale discoveries in the area, including porphyry related mineralisation (such as Cowal and Northparkes styles), as well as intrusion related gold (such as Kidston and Mt Leyshon styles)
- ❑ The Company has an experienced and successful Board, Management and Technical Team with efficient capital deployment

Growth Strategies

- ❑ Rimfire has adopted a dual strategy to pursue growth through:
 - Assessing Sorpresa in order to monetise this asset
 - Pursuing the potential for large regional discoveries
- ❑ Actively pursuing partnership opportunities to support the growth and funding requirements of the dual strategy

Financial and Shareholder Metrics (November 2018)

Cash (as at 30 September 2018)	A\$0.445m
Share price range 2018	H 2.8 cents; L 0.6 cents
Shares outstanding (FPO)	1,060M
Listed Options outstanding (strike 2.2 cents)	121M
Unlisted Options outstanding (strike 2.9 cents)	1.5M
Market Cap. (at 0.6 cents/share)	\$6.4M
Total Shareholders	~2,000
Top 20 shareholders	35%
Management shareholding	~5%
Top Institutional Holder (New Gold Inc.)	2.5%

Rights Issue (Complete) – seeking to fill shortfall

- ❑ 1 for 4 Rights Issue at 0.9 cents per share:
- ❑ To raise \$2.1M
- ❑ One free attached Option per new share at 2.2 cents, expiry May 2020
- ❑ Raised \$1.128M
- ❑ Have 90 days to fill the shortfall – Lead Manager CPS and Rimfire utilising networks



Personnel – Quality Experienced Team

Board and Management



Ian McCubbing, Chairman (Jul 2016 – Present)
CA, Bachelor of Commerce (Honours), Executive MBA from the AGSM, with over 30 years experience principally in the areas of corporate finance and M&A in resources and industrial. Also a Non-Executive Director of Symbol Mining Ltd, Sun Resources Ltd., Avenera, Swick Mining Services



John Kaminsky, CEO and MD (May 2004 – Present)
Diverse business background internationally, more than 30 years (including 10 years in South Korea) in trade, resources, venture capital, investment & consulting. MBA (MBS), and Bachelor Applied Science (Chemistry)



Andrew Greville, Non Executive Director (Aug 2017 – Present)
Qualified mining engineer, over 30 years of international mining industry experience, particularly in the fields of business development and marketing. Principal of West End Mining & Consulting since 2015, previously Executive General Manager, Business Development and Strategy, Xstrata Copper



Ramona Econniere, Non Executive Director (Apr 2005 – Present)
Extensive finance background and Bachelor Economics, CPA & MBA (MBS), corporate positions including Citibank, Bank of America, OCBC (Overseas-Chinese Bank Corporation) and NAB



Greg Keane, CFO (May 2017 – Present)
Internationally experienced commercial and financial professional with experience in all stages of a resource company lifecycle. A qualified CPA / MBA professional with big four experience.

Exploration and Development Team



Craig Riley, Business Development Manager (Sep 2018 – Present)
A qualified geologist, bringing over 25 years of exploration and mining industry experience in Australia (including the Lachlan Fold Belt, NSW, at North Parkes Mine) and internationally involved in the exploration (discovery), assessment (Concept to Feasibility Studies) and development (monetization) of opportunities that include porphyry copper/gold, bauxite and lateritic nickel / cobalt, amongst others.



Todd Axford, Consulting Geologist & Competent Person (Mar 2017– Present)
Over 25 years experience with extensive work in a wide variety of commodities and important resource districts in Australia and internationally. He has been engaged in roles for various ASX listed companies and was engaged as Alternate Project Manager for New Gold Inc on the Fifield Project.



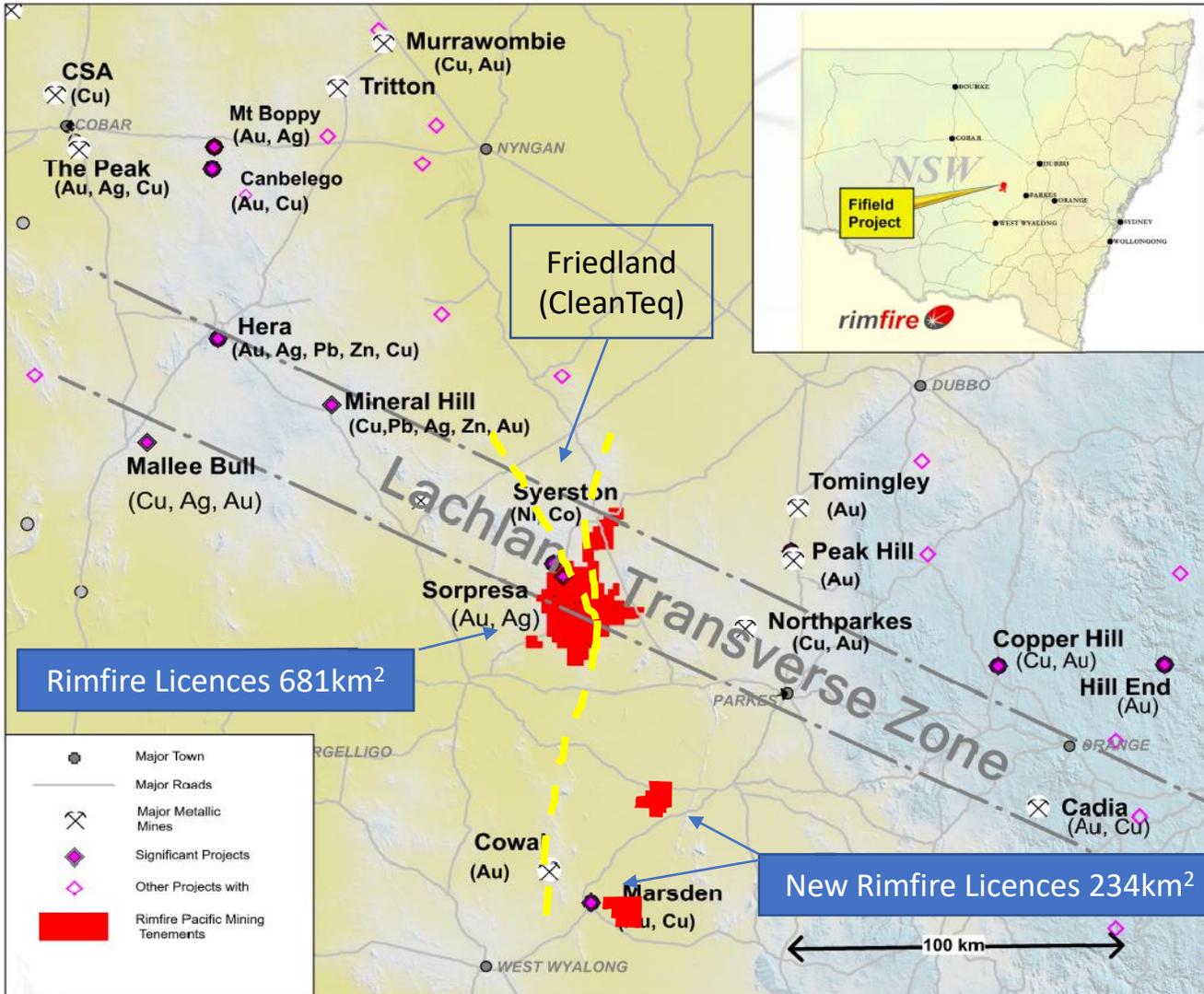
Colin Plumridge, Consulting Geologist (Jan 2005 – Present)
Over 45 years experience with a strong discovery track record and extensive work in a wide range of commodities in many of the important resource districts in Australia. He lives in the local area and has extensive knowledge of the local geology and metalliferous systems. He specialises in detailed field work programs and the synthesis of complex data to generate new observations and opportunities.



Mick Love, Consulting Geologist (Mar 2018 – Present)
A key member of the team working on the early exploration and development of the Northparkes (now CMOC/Sumitomo) porphyry copper project, Subsequently headed a team that discovered extensive areas of gold mineralisation at Lake Cowal (now Evolution) as well as discovery of a Rare Earth prospect at Dubbo (now Alkane).



Potential – Fifield A Proven Mining District for Copper and Gold



Deposit size selected NSW deposits (combined production and remaining resource)

Deposit	Current Ownership	Au Moz	Cu Kt	Other
Cadia Group	Newcrest	51.8	8446	
McPhillamy's	Regis Resources	2.9	64	
North Parkes	CMOC/Sumitomo	3.8	921	
Cowal	Evolution Mining	3.8		
Browns Creek	ANL	0.99	13	
Copper Hill	Golden Cross Res.	1.6	611	
Mineral Hill	KBL Mining	0.59	66	For sale
Mt Boppy	Black Oak Minerals	0.60		
Peak Hill	Alkane Resources	0.55	8	
The Peak Gold Mine	New Gold Inc.	2.4	133	Sold to Aurelia Nov 2017
Tritton	Straits Resources	0.01	218	
Hill End	Hill End Gold Ltd	0.66		
Sorpresa	Rimfire	0.125		7.9 M oz Ag
Hera	Aurelia Metals	0.28	4	
Tomingly	Alkane Resources	0.96		
Syerston (Sunrise)	CleanTeq			56 Kt Ni, 10Kt Co, 10 Kt Sc

Source: Production data Geological Survey of NSW - July 2015 & Resources data extracted from NSW data warehouse



Dual Strategy – Asset Monetisation and Discovery Growth

Sorpresa

Au +/- Ag
appraisal &
growth



Strategic
Partnerships

Regional

Discovery of
large
Cu/Au or Au
system

Dual Strategy Outcome Success

=

Cash generation
(Sorpresa)

Major discovery
(Regional)

- ✓ **Economic focus on the existing Sorpresa resource**
 - High grade opportunities
 - Simple open pit solutions
- ✓ **High Reward exploration upside for Regional discoveries gold & copper**
 - Cowal and Northparkes styles
 - Intrusion related opportunities (Kidston, Mt Leyshon styles)
- ✓ **Pursue Partnerships (extra momentum)**
 - Process ongoing
 - A successful track record (eg New Gold)

Well defined growth strategy to create shareholder value



ASX:RIM 3 Year Share Price Performance to 11 November 2018

Events ⇨



Positive Outlook for Gold

- ✓ Central Banks buying
- ✓ US/China trade dispute
- ✓ Increase in interest rates
- ✓ A\$ gold price
- ✓ Gold industry has a weak replacement (new discovery) pipeline for depleting resources / reserves
- ✓ High quality gold projects being sought by major gold companies
- ✓ Rimfire Fifield project area historical producer

RIM some good historic volume events, price currently trading at record lows



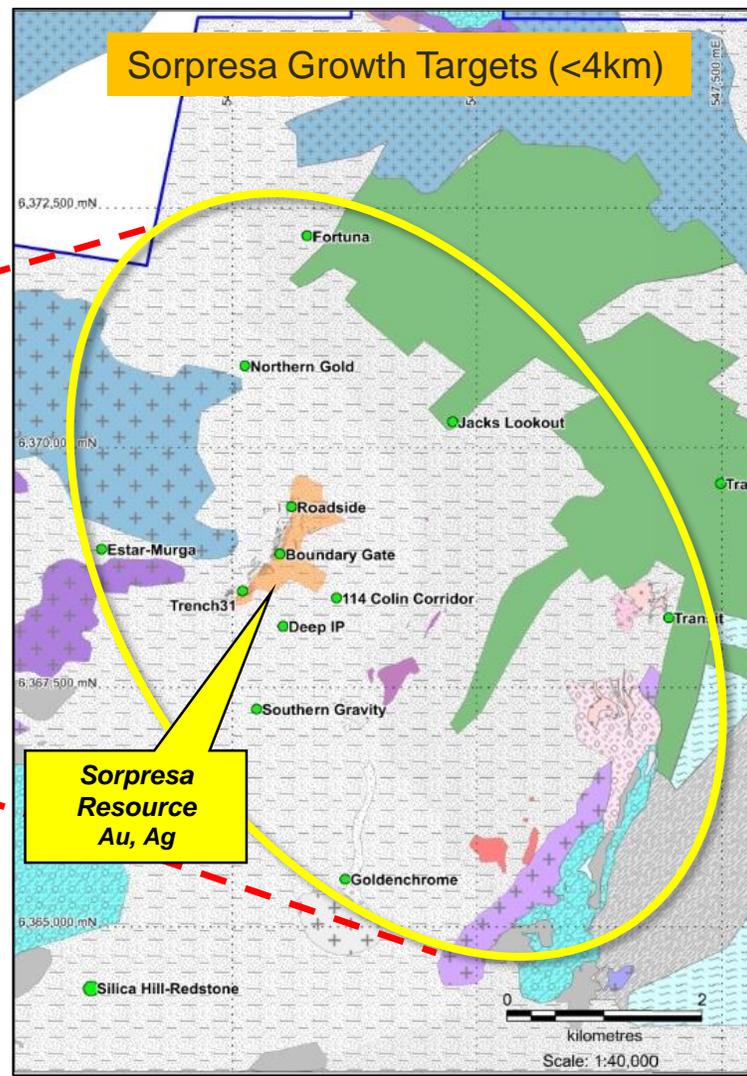
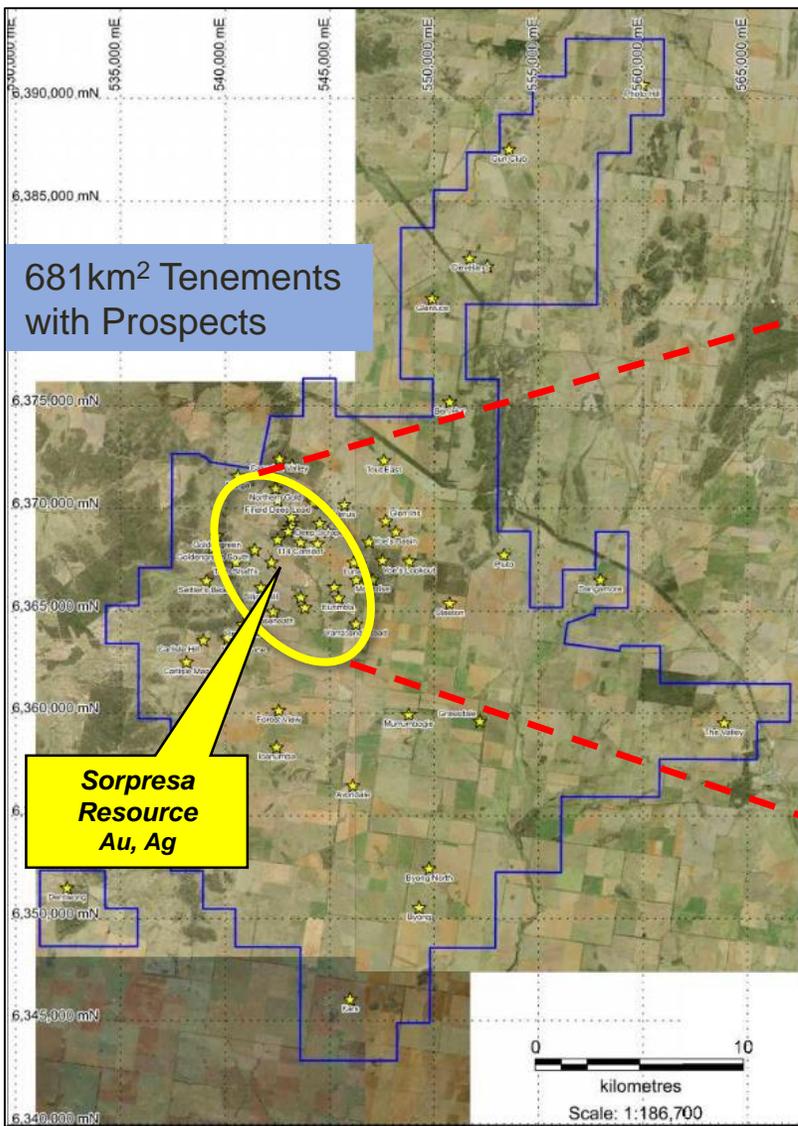
Strategy 1 – Sorpresa Asset Monetisation

Assess Sorpresa Resource to determine the viability of a higher grade, lower tonnage project, generating a positive cashflow return

- ✓ **Integration of additional drilling** (2014 and 2017) to better define higher grade zones
- ✓ **Develop a concept level financial model** and update key technical inputs and revenue data for forward work planning and project approval decisions
- ✓ **Identify key environmental baseline studies and ancillary activities** that would be necessary to initiate a formal approval process from statutory government authorities
- ✓ **Continue the ongoing discovery program** in the Sorpresa Corridor and drill testing of proximal targets to Sorpresa with potential to quickly and significantly impact activities



Near Sorpresa (<4km) Discovery Growth Potential



Quality Targets

- ✓ Casuarina Valley
- ✓ Fortuna
- ✓ Rabbers Lookout
- ✓ Northern Gold
- ✓ Wiggies
- ✓ Platina Lead
- ✓ Sorpresa Trend



Strategy 2 – Growth potential via large ore body discovery

Fifield project area has the right rocks under shallow cover (Ordovician Age Volcanics) with the potential to host large scale intrusion related mineral deposits such as Cowal & Northparkes porphyry systems that are within 100km of Fifield.

- ✓ **Geologist Mike Love** field work and review builds on district potential
 - A track record – discovery of Cowal Deposit and extension discovery Northparkes

- ✓ **The Southern area is interpreted as previously unrecognised Ordovician Age Volcanics (under shallow cover)**
 - Considered prospective for epithermal/porphyry gold and copper mineralisation

- ✓ **Additional large target areas include 3km Transit Trend** intrusion related gold model (Colin Plumridge)

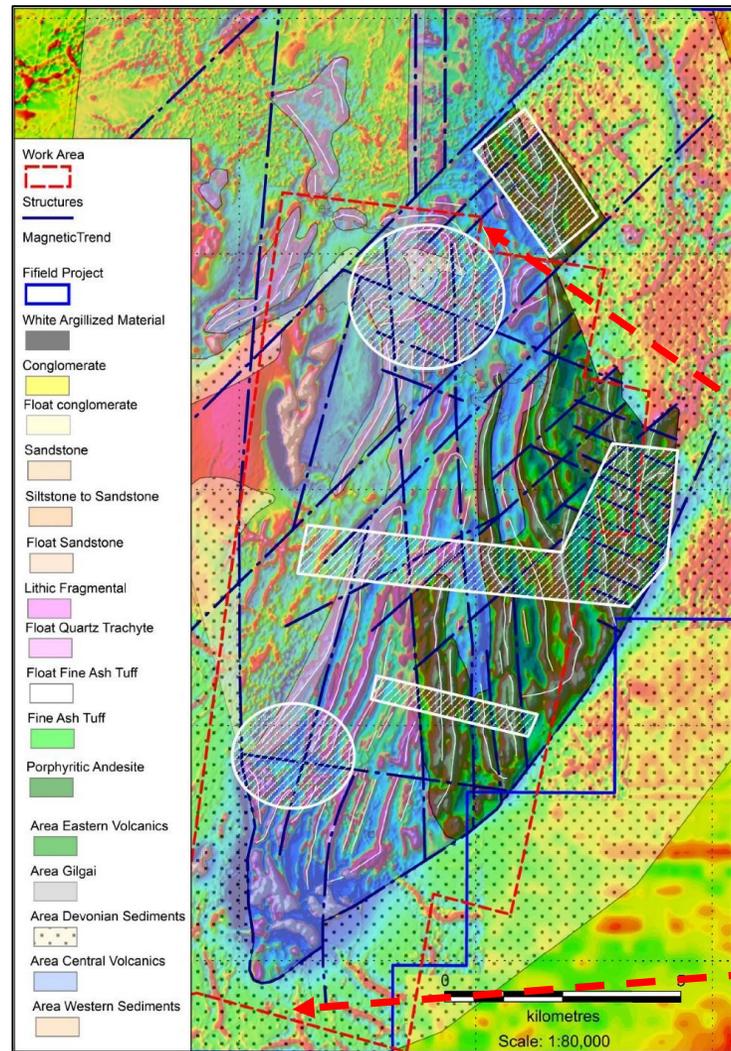
- ✓ **High resolution gravity survey completed** with interpretation to support drill planning

- ✓ **Earn-in partners are actively being sought**

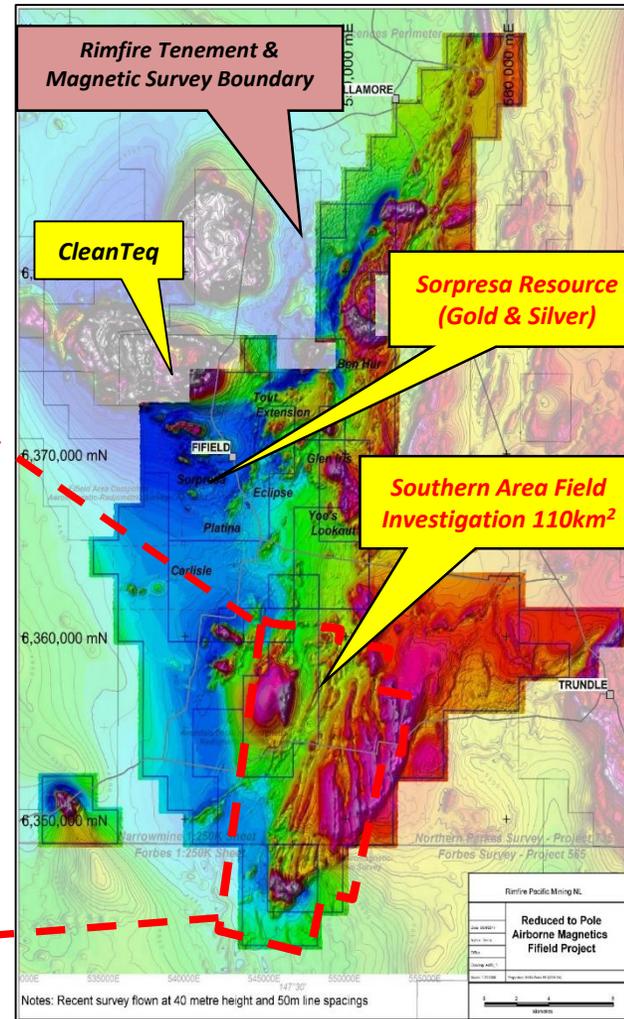
- ✓ **New tenements granted** in areas east of the Cowal Mine in broad area now subject to government moratorium



Southern Ordovician Area - Mapping & First Pass Drill Plan



Southern Area Mapped and Sampled approx. 110 km²
Proposed Drill Location Areas shown in White



Rimfire Fifield Total Project Area 681 km²
(shown on Magnetics)

- ✓ Previously unrecognised Ordovician Age Volcanics under cover
- ✓ Potential to host large scale deposits Au, Cu+Au (Cowan, Northparkes styles)
- ✓ 110km² mapped and sampled
- ✓ Plan 2,000m Aircore Drilling (40x50m) Expand bedrock knowledge and initial test of magnetic and gravity features
- ✓ Broad regional gravity data suggests a coincident low with the volcanics
- ✓ New higher resolution gravity survey completed



Key Catalysts and Milestones in the next 12 months

Strategy 1: Sorpresa development appraisal and growth

- ✓ Existing Sorpresa Resource first pass assessment for development
 - Updated resource estimate and pit optimisation, success will drive metallurgical testwork for process plant design, geotechnical drilling for mine planning and environmental impact assessment
- ✓ Additional discovery in Sorpresa Corridor
 - Drill testing of high priority targets less than < 4km from Sorpresa

Strategy 2: Regional advances in discovery of large ore systems

- ✓ Complete geophysics appraisal, mapping and geochemical sampling
 - Drill testing of 3 high priority targets
- ✓ Prove in principle Ordovician Volcanics have suitable mineralisation signature
 - Drill testing of 3 high priority targets



Rimfire Value Drivers Summary

In Ground

- ✓ Location LTZ corridor - an excellent discovery setting (geology & structure)
 - World Class ore body potential (Gold – Copper footprint), nearby Cowal and Northparkes mines
 - Ordovician Volcanic age rocks under shallow cover at Fifield a new opportunity
- ✓ 4m oz gold equivalent discovery aspiration for the regional area
 - Former earn-in partner New Gold Inc. goal
- ✓ Evidence – Sorpresa a greenfields gold and silver discovery
 - Part of a bigger mineralising system in the district
- ✓ Sorpresa assessment - potential to be a cashflow generating asset
 - Monetisation could help defray future exploration cost

Above Ground

- ✓ Experienced Board and Technical Personnel
 - Discovery and development track record
- ✓ Risk Mitigation through partnerships and prospect portfolio creation
 - Actively seeking Earn-in JV Partnerships (previously New Gold Inc.)
- ✓ Permanent Exploration Camp on Company Freehold at Fifield
 - District presence, efficient and effective work deployment, day to day member of community (trust and respect)



Stay tuned for updates on future work programs

Thank you

Please contact us for more information



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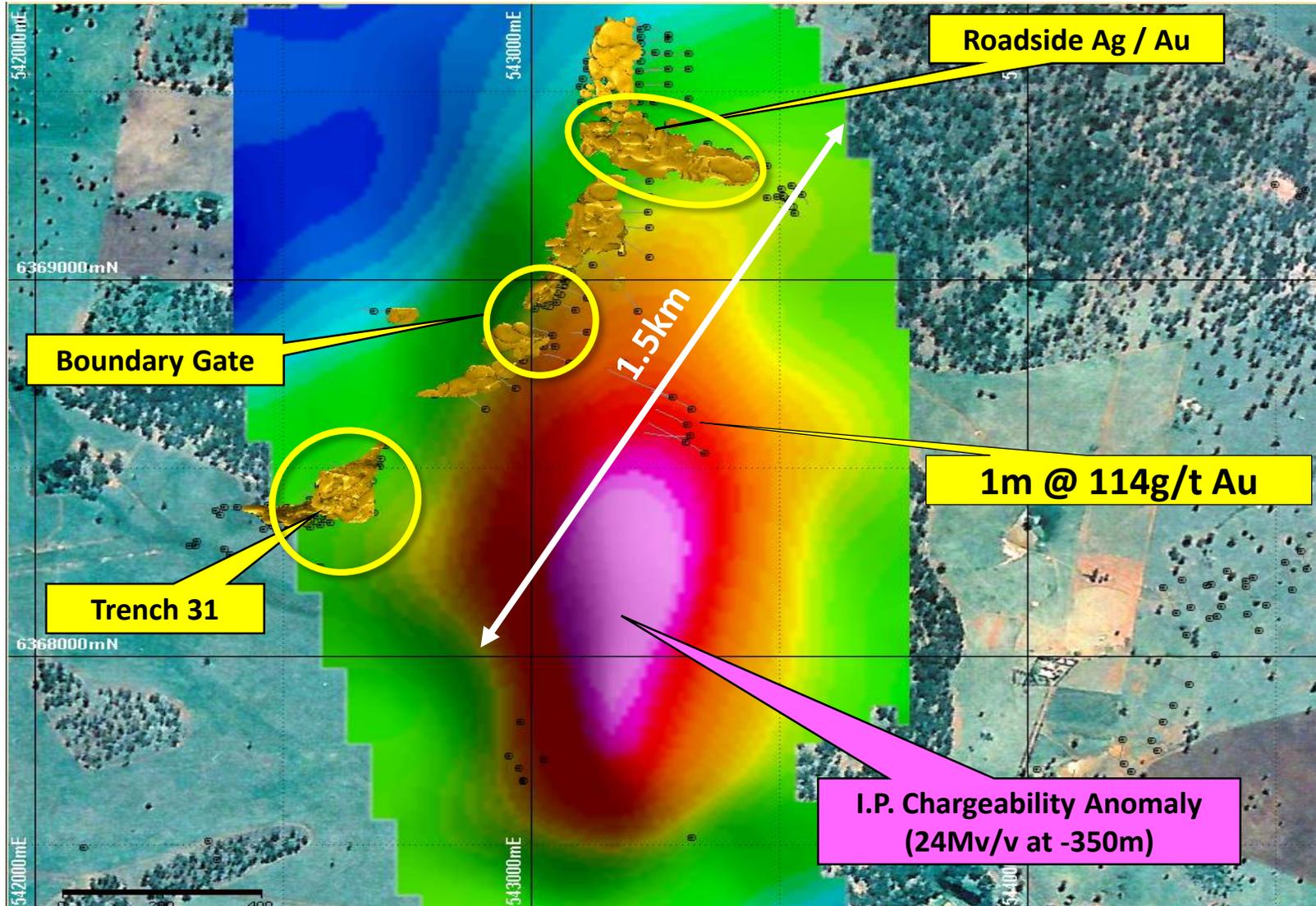
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Sign up to the Rimfire Website for news alerts



Appendix - Sorpresa Gold and Silver Resource

(Economic assessment and discovery growth)



- ✓ JORC Resource Dec 2014
 - 125koz Au, 7.9m oz Ag @ 0.5g/t Au, 25g/t Ag cut-off
- ✓ New higher resolution gravity data
- ✓ Positive Metallurgy completed
- ✓ Evolving Discovery Concepts
- ✓ Geology extensions

Implicit Model showing Au only (at June 2014) on IP survey and is an interpretive exploration model imaging Au > 0.2g/t



Appendix - Sorpresa Maiden Resource

Table 1: Sorpresa Mineral Resource estimate reported under JORC 2012

Resource	Cut off	Category	Mt	Grade		Contained Metal	
				(g/t) Au	(g/t) Ag	Koz Au	Moz Ag
Gold	0.5 g/t Au	Indicated	2.0	1.14	27	73	1.7
		Inferred	1.0	0.9	12	29	0.4
		Total	3.0	1.06	22	103	2.1
Silver	25 g/t Ag	Indicated	2.1	0.21	62	14	4.2
		Inferred	1.2	0.19	40	7	1.6
		Total	3.4	0.20	54	22	5.8
Combined	0.5 g/t Au & 25 g/t Ag	Indicated	4.1	0.67	45	88	5.9
		Inferred	2.2	0.51	27	37	2.0
		Total	6.4	0.61	38	125	7.9

Notes:

- Sorpresa Mineral Resource reported to JORC 2012 standards, at 0.50 g/t Au and 25g/t Ag cut-off
- The figures in this table are rounded to reflect the precision of the estimates and include rounding errors
- [ASX Announcement of Sorpresa Maiden Gold and Silver Resource 23 December 2014](#)



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