

rimfire pacific mining nl

(ASX "RIM")

Progress through Partnership at Fifield NSW



Rimfire - New Gold Inc.



Sorpresa Roadside



John Kaminsky
CEO & Managing Director

AGM 22nd November 2016

Ben Hur Copper-gold



Disclaimer

- ❑ **Disclaimer:** *This presentation contains “forward looking statements” as defined or implied in common law and within the meaning of the Corporations Law. Such forward looking statements may include, without limitation, (1) estimates of future capital expenditure; (2) estimates of future cash costs; (3) statements regarding future exploration results and goals. Where the Company or any of its officers or Directors or representatives expresses an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and the Company or its officers or Directors or representatives as the case may be, believe to have a reasonable basis for implying such an expectation or belief. However, forward looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward looking statements. Such risks include, but are not limited to, commodity price fluctuation, currency fluctuation, political and operational risks, governmental regulations and judicial outcomes, financial markets and availability of key personnel. The Company does not undertake any obligation to publicly release revisions to any “forward looking statement”, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.*
- ❑ **Competent Person Statement:** *The information in this presentation that relates to Exploration Results is based on information compiled by Colin Plumridge who is deemed to be a Competent Person and Member of The Australasian Institute of Mining and Metallurgy. Mr Plumridge has over 45 years’ experience in the mineral and mining industry. Mr Plumridge is employed by Plumridge & Associates Pty. Ltd. and is a consulting geologist to the Company. Colin Plumridge has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Colin Plumridge has previously consented to the inclusion of the matters based on his historic information in the form and context in which it appears.*
- ❑ **JORC 2012 Compliance:** *All information provided in this presentation has been formally released to the ASX in compliance with JORC requirements. The most recent document released to the ASX provides details and hyperlinks relevant to all information provided in this presentation and can be accessed on the Company Website at hyperlink: ASX Announcements. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement(s).*



Presentation Outline

Introduction and Corporate Overview

Vision, Strategy and Milestones

New Gold Inc. Partnership – Discovery Growth

Compelling Regional Gold & Copper Footprint

Sorpresa Corridor – “Fortuna”

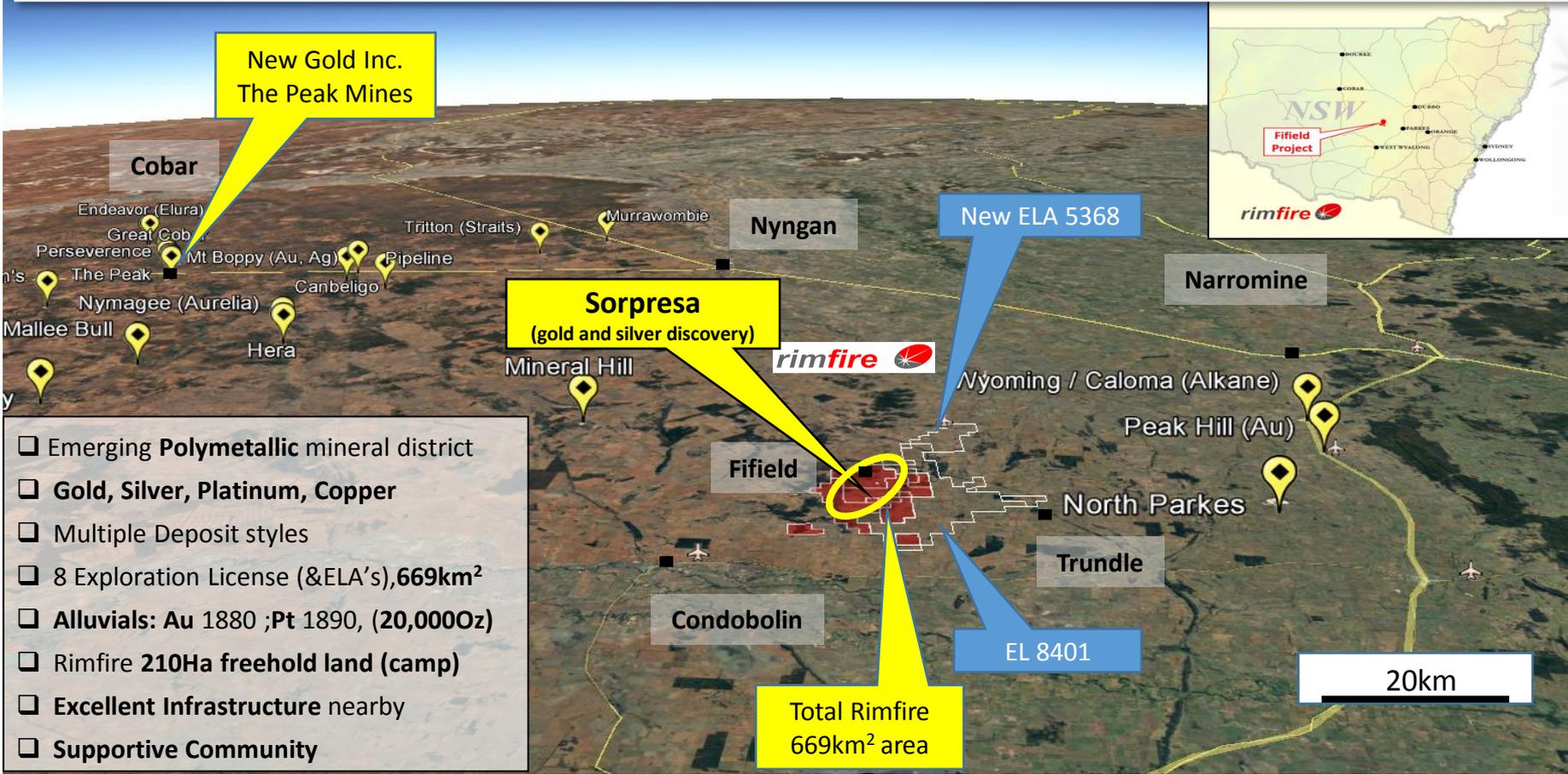
Sorpresa Current Status

Summary Position





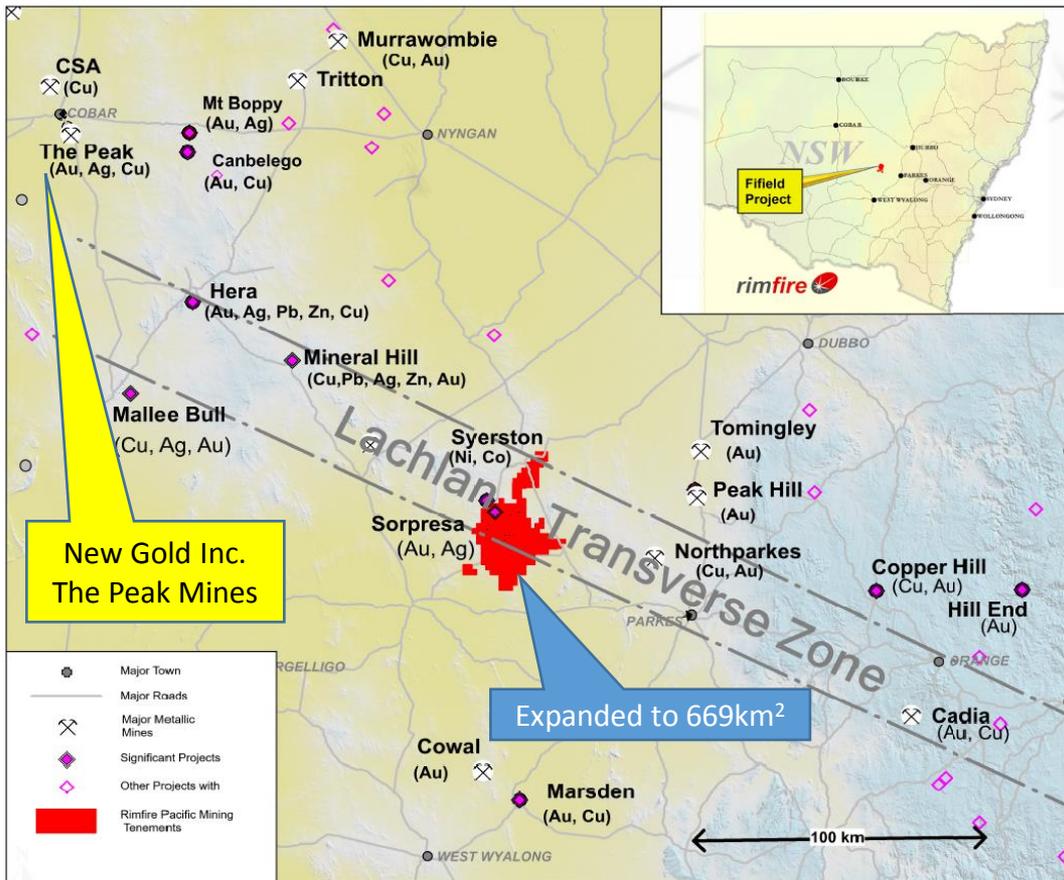
Project Focus - Fifield NSW



- Emerging **Polymetallic** mineral district
- Gold, Silver, Platinum, Copper**
- Multiple Deposit styles
- 8 Exploration License (&ELA's), **669km²**
- Alluvials: Au 1880 ;Pt 1890, (20,000Oz)**
- Rimfire **210Ha freehold land (camp)**
- Excellent Infrastructure** nearby
- Supportive Community**



Project Focus – Fifield NSW - LTZ



- ❑ LTZ Corridor of Faults
- ❑ Gold with Copper emerging on East margin
 - ❑ Eclipse, Yoes and Ben Hur areas
- ❑ Expanded Tenement position (669km²)

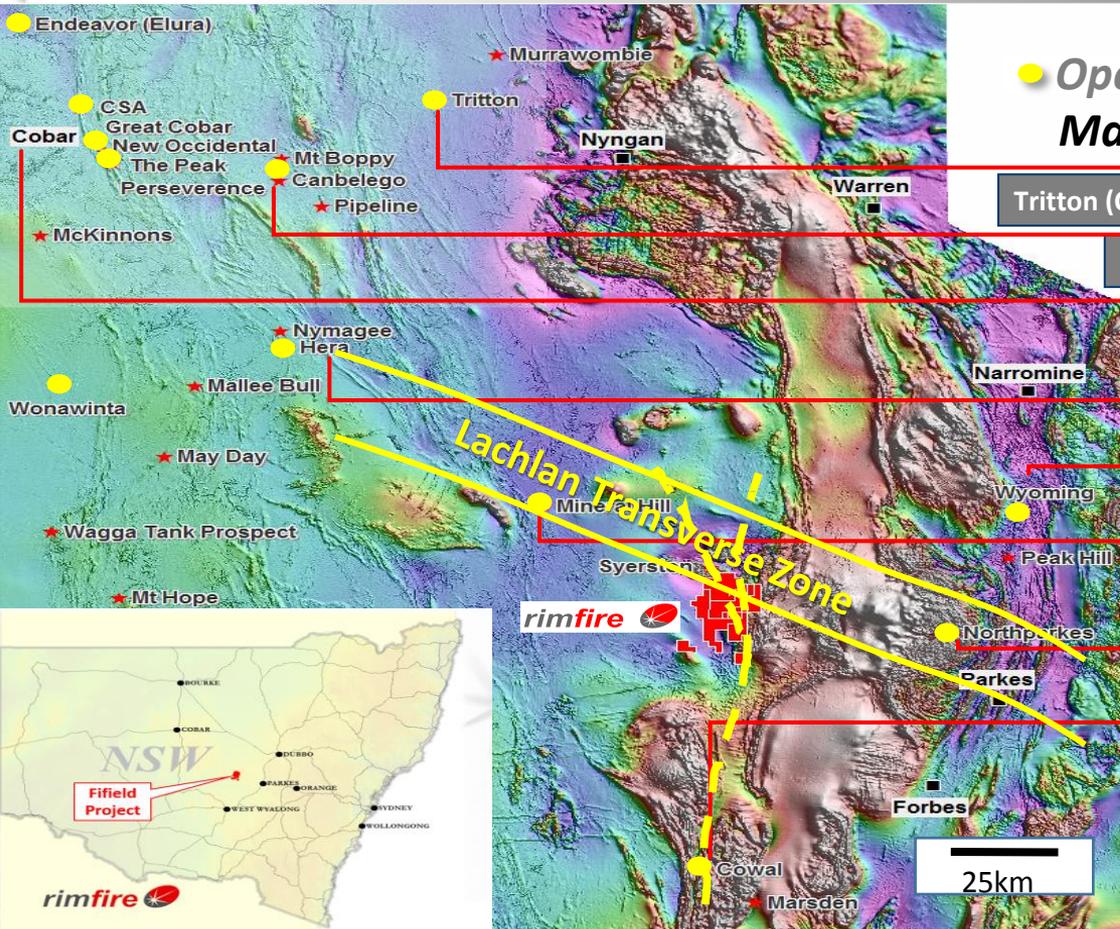
Deposit size selected NSW deposits (combined production and remaining resource)

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	
Mt Boppy	Black Oak Minerals	0.60		
Peak Hill	Alkane Resources	0.55	8	
The Peak Gold Mine	New Gold Inc.	2.4	133	
Tritton	Straits Resources	0.01	218	
Hill End	Hill End Gold Ltd	0.66		
Hera	Aurelia Resources	0.28	4	
Tomingley	Alkane Resources	0.96		
Syerston	CleanTeq			56 Kt Ni, 10Kt Co, 10 Kt Sc

Source: Production data Geological Survey of NSW on July 2015 and Resources data extracted from NSW data warehouse



Project Focus - East Lachlan Fold Belt



Operating Mines

Major Cross structures at Fifield

Tritton (Cu) Straits Resources

Mt Boppy (Au) Southern Cross Goldfields Ltd

COBAR – 2.2Mt Cu, >7.0Moz Au, >4.7Mt Zn, >2.8Mt Pb and 145Moz Ag (pre-mining)

Hera / Nymagee (Au, Cu, Pb, Zn, Ag) Aurelia

Wyoming / Caloma (Au) Alkane Resources

Mineral Hill (Au, Cu, Pb, Zn, Ag) KBL Mining

North Parkes (Cu/Au) China Mo Co.

Lake Cowal (Au) Evolution

Excellent geological setting

rimfire





Project Focus – Local District Neighbours

CleanTEQ (ASX: "CLQ") -Syerston

28.2Mt @ 419ppm Sc for 11,819 tonnes of Scandium
77Mt @ 0.73% Ni & 0.13% Co
108.3 Mt @ 0.21 g/t Pt for 0.73 Moz of Pt

Platina Resources (ASX: "PGM") - Owendale

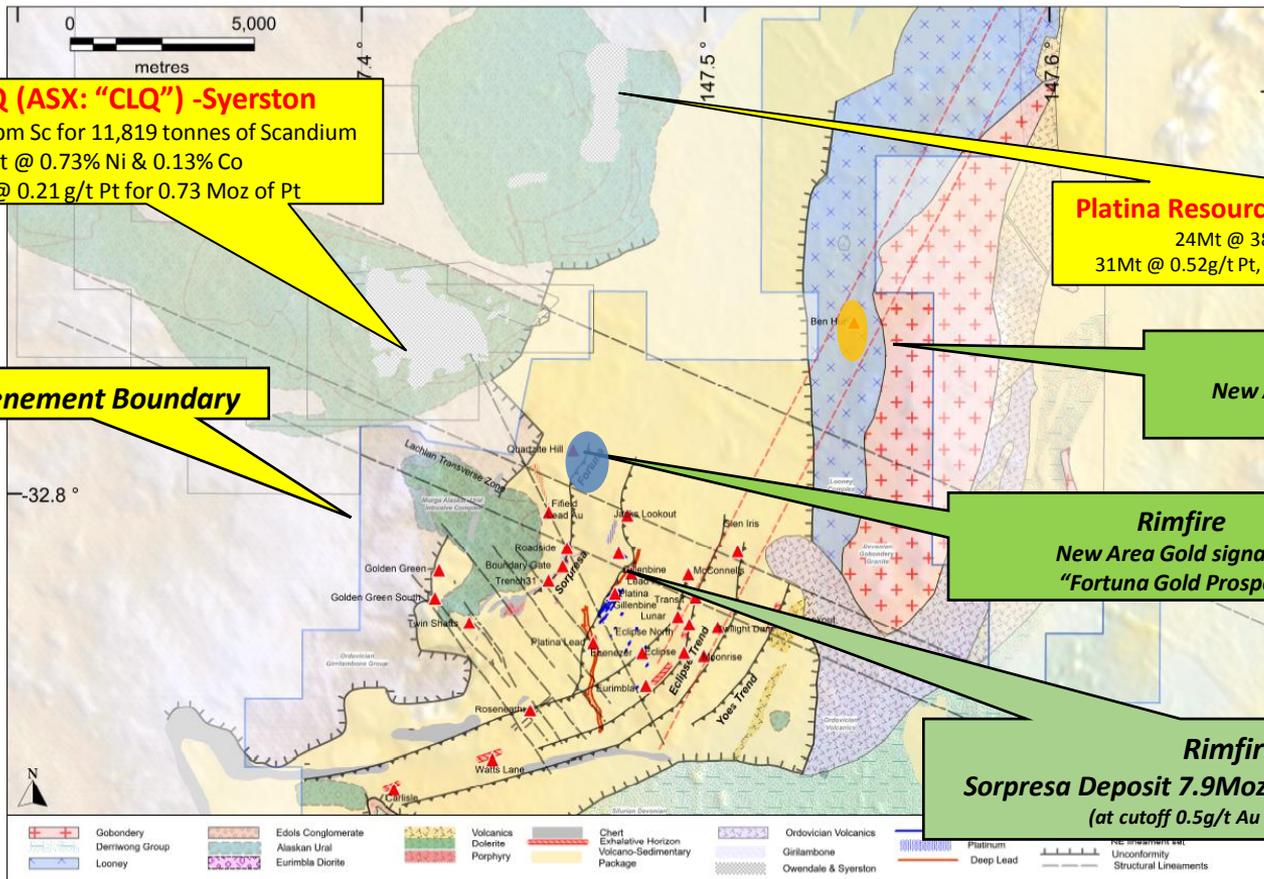
24Mt @ 380ppm Sc for 9,100 tonnes of scandium;
31Mt @ 0.52g/t Pt, 0.15% Ni, 0.05% Co for 0.52 Moz of Pt

Rimfire tenement Boundary

Rimfire
New Area Copper-Gold signature
"Ben Hur"

Rimfire
New Area Gold signature
"Fortuna Gold Prospect"

Rimfire
Sorpresa Deposit 7.9Moz Ag and 125kOz Au
(at cutoff 0.5g/t Au @ 25g/t Ag)





Company Snapshot – 18 November 2016

Shares on Issue 942M Ordinary FP; 52M options (3.5 cents, expire May 2017)

Market Cap. Approx. \$20.7M @2.2cents

Volume last 12 months

- Approx. 1.05Million shares/day
- Largest 12.8Million shares/day;

Shareholder Profile – 2049 plus shareholders

- Board & Management 9%
- Top 20 Holders 34%
- Top 100 Holders 67% (cut-off 1.75M shares)

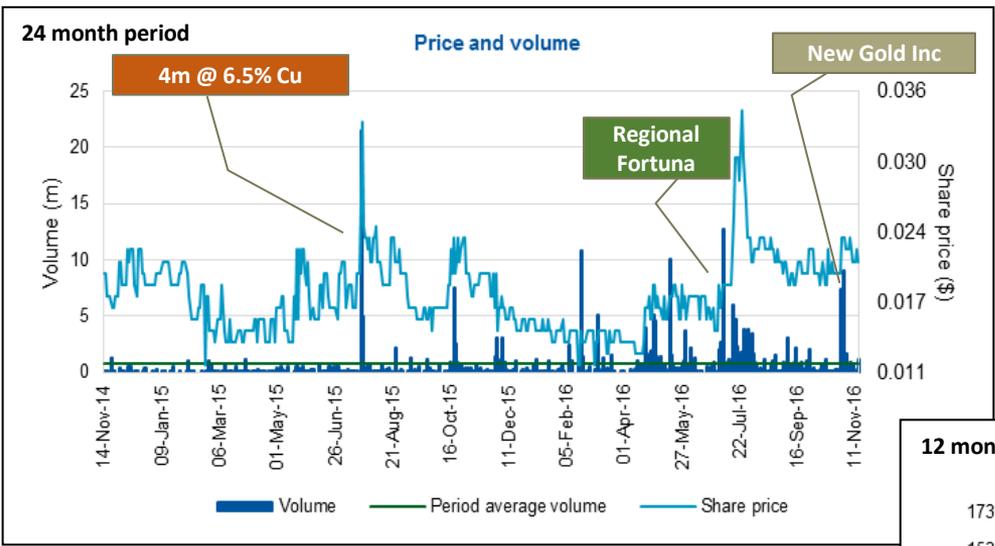
Cash Status November 2016

- Approx. \$3.1m (Placement, SPP, New Gold Inc.)
- R&D Application pending



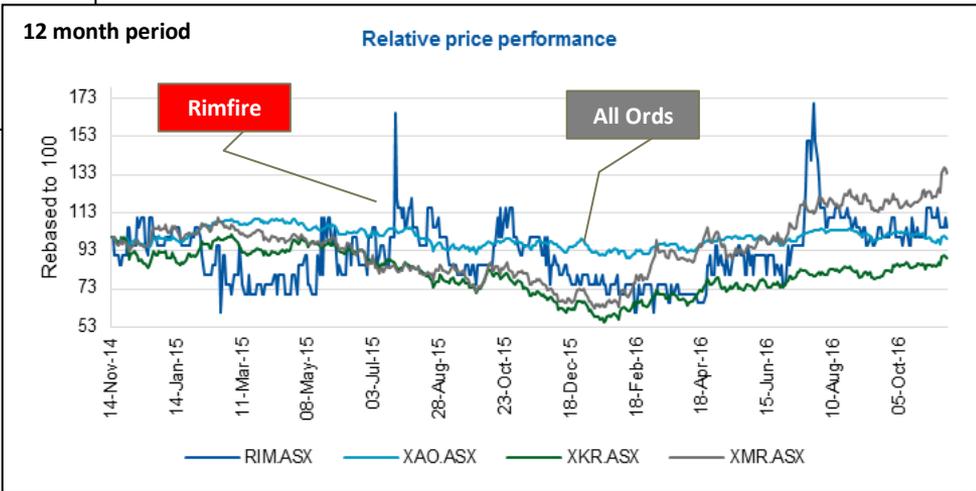


ASX:RIM Share Price Performance to 17 Nov. 2016



- Risk capital has returning (absent 4 years)
- Exploration Sector – off the bottom...
- Liquidity and value decline, now improved
- Gold and Silver Price – volatility remains

- RIM some good volume events
- Price upswings – Activities & Results matter*
- Turning Point, through the bottom (Lion Clock)
- Impact from New Gold Inc. in 2017...*



Note: XKR is S&P/ASX 300 RESOURCES; XMR is S&P/ASX MIDCAP RESOURCES;

Changing dynamic - not all about the Gold price?



USD Gold Price London Fix From 1st January 2016

Exploration depressed last 4~5 years

- ✓ Majors discarded assets
- ✓ Rise of the mid tiers
 - ✓ Evolution, Northern Star etc.
- ✓ Producers looking for large replacement assets
- ✓ Make or Buy (a gold mine) equation changes
- ✓ Discovery needed
- ✓ High quality prospective areas sought

✓✓ Rimfire project area desirable



Summary History and Context

❑ Rimfire has its Focus exclusively at Fifield NSW – in the LTZ Corridor

- ❑ **LTZ Corridor - one of most important Copper/Gold corridors in the world** (e.g. Newcrest-Cadia)
- ❑ Fifield is the oldest Platinum mined area in Australia – Rimfire has this area

❑ Late 2010 – Rimfire made the greenfields “Sorpresa” Gold and Silver Discovery

- ❑ **Subtle surface geochem 20ppb Au in soils**
- ❑ **RC - some very high grades (e.g. 14m @ 24.4g/t Au, including 2m @118g/t Au, plus 26m @155g/t Ag)**
- ❑ **Likely part of a much bigger mineralising system**
- ❑ **The Sorpresa gold deposition geology (free gold) – carbonaceous silicified sediment**

❑ Important milestones have included:

- ❑ **Sorpresa JORC Resource declared - approx. 7.9Moz Ag, 125,000oz Au (cutoff 25g/t Ag, 0.5g/t Au), 6.4mT**
- ❑ **Sorpresa North-South Corridor 7km x 2km established prospective for gold**
- ❑ **5 Advanced Regional Prospects Established (of >30 prospects) within 6km radius of Sorpresa**
- ❑ **Copper Signature established including 4m @ 6.5% Cu**





Company Vision and Strategy

❑ Demonstrate Multimillion Ounce gold equivalent potential

- ❑ Regional Discoveries within 6km radius of Sorpresa
- ❑ Focus on Gold, Silver, **Copper** & Platinum – Good suite of metals
- ❑ Build the district branding
- ❑ **Attract potential partners – We have been noticed**

❑ Maintain an Overall “Prospect Portfolio” Exploration strategy at Fifield

- ❑ Develop regional Prospects (>30) in parallel with the Sorpresa Project
- ❑ **Risk mitigation**, assists longevity in pursuit of discoveries

❑ Partner Engagement Process

- ❑ To achieve accelerated progress and committed expenditure \$'s
- ❑ Negotiate Farm-in JV
- ❑ China and Asia funding sources pursued

❑ Work programs in pursuit of the Vision:

- ❑ Enhance Sorpresa, Growth and Discoveries
- ❑ Sorpresa Corridor (7km x 2km) prospecting and testing
- ❑ Aim for new discoveries from Regional areas, Copper-Gold
- ❑ Assess economic case of established inventory (Sorpresa High grade Lenses)



Commercial/Corporate Milestones - 2016

Rimfire Strategy Being Delivered

- Sorpresa assessment continued in parallel with regional discovery*
- Enhancing the Fifield District Branding - attracting partner and value*
- Risk mitigation using a prospect portfolio approach*

Partner and Investor Engagement Processes Completed – Strong Funding Position Now

- New Gold Inc. to assist accelerated progress and committed expenditure*
- China and Asia funding sources successfully secured*
- Successful Placements and SPP - Thankyou*

Market Capitalisation has been improved – price and volume events occur

- Work programs and newsflow continued*

Licence and Operating Compliance Standards at a high level

- Favourably Reviewed by Government Agencies*
- Safety, Environmental, Community Liaison, Operating adherence*
- One of the best reviews in NSW*





Key Technical Milestones – 2016

❑ **Established the Sorpresa 7km x 2km North-South Gold Corridor Concept**

- ❑ *Sorpresa Style geology expanded 11km² to 18km²*
 - ❑ *Only 10% of estimated geology tested*
- ❑ *Contains the Fortuna Area gold anomaly*
- ❑ *Sorpresa likely part of a much bigger system (district wide)*
 - ❑ *The first, but unlikely to be the best deposit at Fifield!*

❑ **High Grade Lens assessment Roadside**

- ❑ *Discovery growth strategies being implemented, adjacent and within (structures)*
 - ❑ *Improved understanding of structure, orientation, geology*

❑ **Geological Interpretation – further advances in the district knowledge**

- ❑ *Integrated geological model developing – diverse setting*
- ❑ *Multiple deposit styles likely*

❑ **Regional footprint growing for Gold and Copper mineralisation**

- ❑ *Copper Signature extended – Ben Hur 10km NE of Eclipse*
 - ❑ *Magnetic trend Corridor including Eclipse*
- ❑ *Wide range of regional geochemistry completed > 25km²*
- ❑ *New Tenements EL 8401 and ELA 5368 – chase copper, gold & PGE potential*





New Gold Inc. Background and Relevant Experience

- ❑ *New Gold Inc. (TSX:NGD) (NYSE MKT:NGD), CAD\$2.6billion, gold (& copper) producer & developer*
- ❑ *Portfolio of four producing assets and two significant development projects*
 - ❑ *Producers are New Afton Mine in Canada, Mesquite Mine in the United States, **Peak Mines in NSW, Australia** and Cerro San Pedro Mine in Mexico, also 4% gold stream on the El Morro project in Chile*
 - ❑ *Development projects are Rainy River and Blackwater projects, both in Canada*
- ❑ *The Fifield Project, located approx. 300 km southeast of New Gold's Peak Mines (Cobar)*
- ❑ *Fifield Project is strategically positioned along the prolific Lachlan Transverse Zone (LTZ)*
 - ❑ *LTZ Host to several established mining operations including the Cadia and North Parkes copper-gold mines*
 - ❑ *Both share strong geologic characteristics with New Gold's **New Afton copper-gold mine** in Kamloops, British Columbia*
- ❑ *New Gold's objective is to be the leading intermediate gold producer, focused on the environment and social responsibility www.newgold.com*



New Gold Inc. Partnership Deal Outline

- ❑ **A\$0.5 million equity investment in Rimfire shares at 2.1 cents**
 - ❑ *Same as SPP price*
- ❑ **New Gold Minimum spend \$2m in the first year**
 - ❑ *No withdrawal rights*
- ❑ **New Gold may elect to spend a further A\$5 million within the first three years**
 - ❑ *To Earn 51% Interest in Fifiel tenements*
 - ❑ *Aggregate spend becomes \$7m from New Gold*
- ❑ **New Gold may elect to spend an additional A\$5 million within the first five years**
 - ❑ *To earn additional 19% interest*
 - ❑ *Aggregate spend becomes \$12m from New Gold*
 - ❑ *Form an unincorporated exploration, development and mining joint venture, (Rimfire 30%: New Gold 70%)*
 - ❑ *Otherwise JV forms at 51% (Rimfire 49%: New Gold 51%)*
- ❑ **Rimfire to receive additional monies up to A\$5 million**
 - ❑ *Should the current Sorpresa gold and silver mineral resource ultimately be mined and processed*
- ❑ **Rimfire has direct spending control of 15% of the first A\$7 million funded by New Gold**
 - ❑ *Rimfire continues its exploration work at Fifiel along side New Gold*



New Gold Inc. Public Comments

“The Fifield earn-in fits New Gold’s strategy of disciplined growth in stable jurisdictions,” stated Hannes Portmann, Executive Vice President, Business Development.

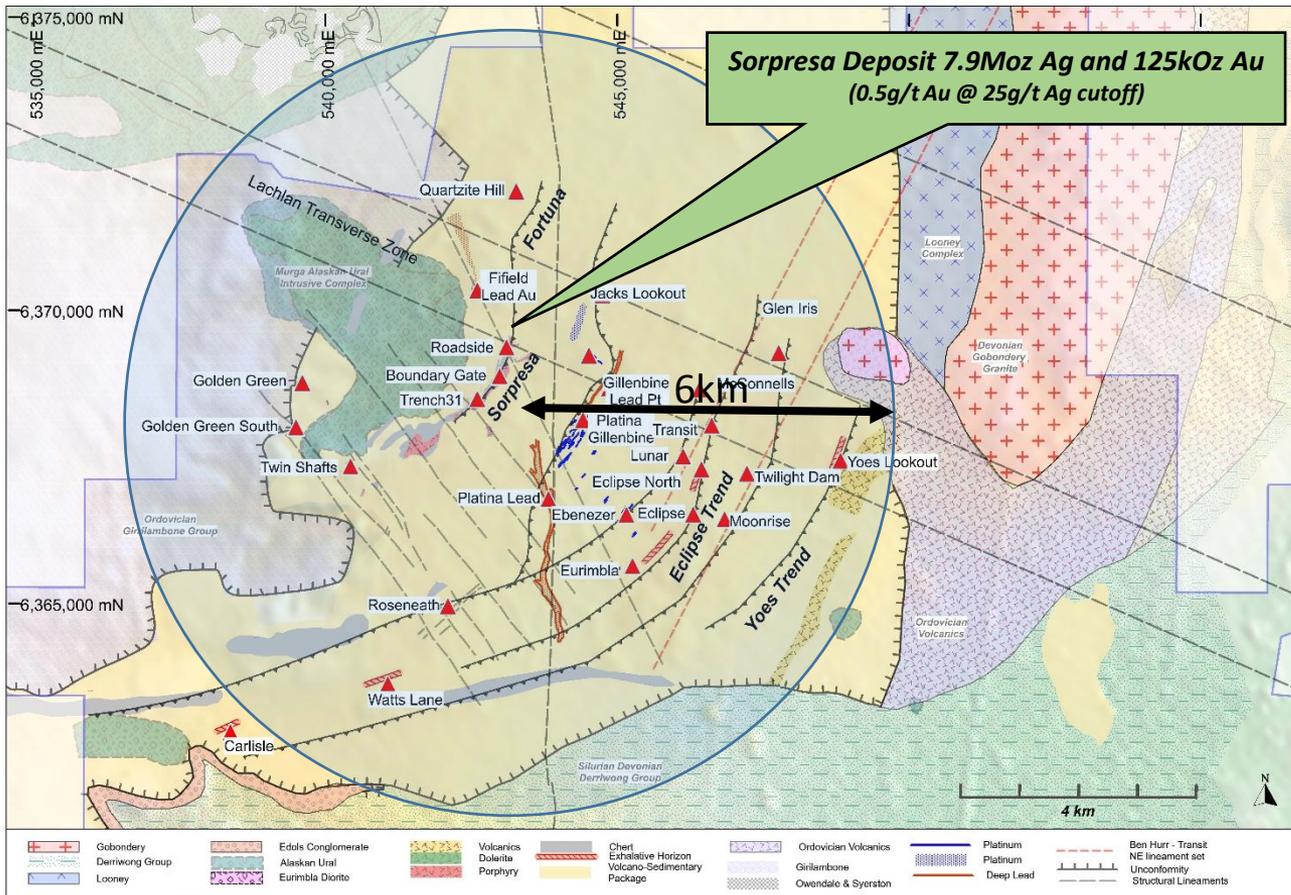
“The Project offers excellent potential for significant new discoveries and resource growth, while the earn-in structure maximizes our company’s flexibility as exploration is advanced.”

New Gold’s, Mark Petersen, Vice President, Exploration, stated *“We are excited to work with the Rimfire team as the Fifield Project demonstrates large-scale, world-class discovery potential in a geologic setting very familiar to us”.*

New Gold has also commented that, *“The project is strategically positioned along the prolific Lachlan Transverse Zone, host to several established mining operations including the Cadia and North Parkes copper-gold mines, both of which share strong geologic characteristics with New Gold’s New Afton copper-gold mine in Kamloops, British Columbia”.*



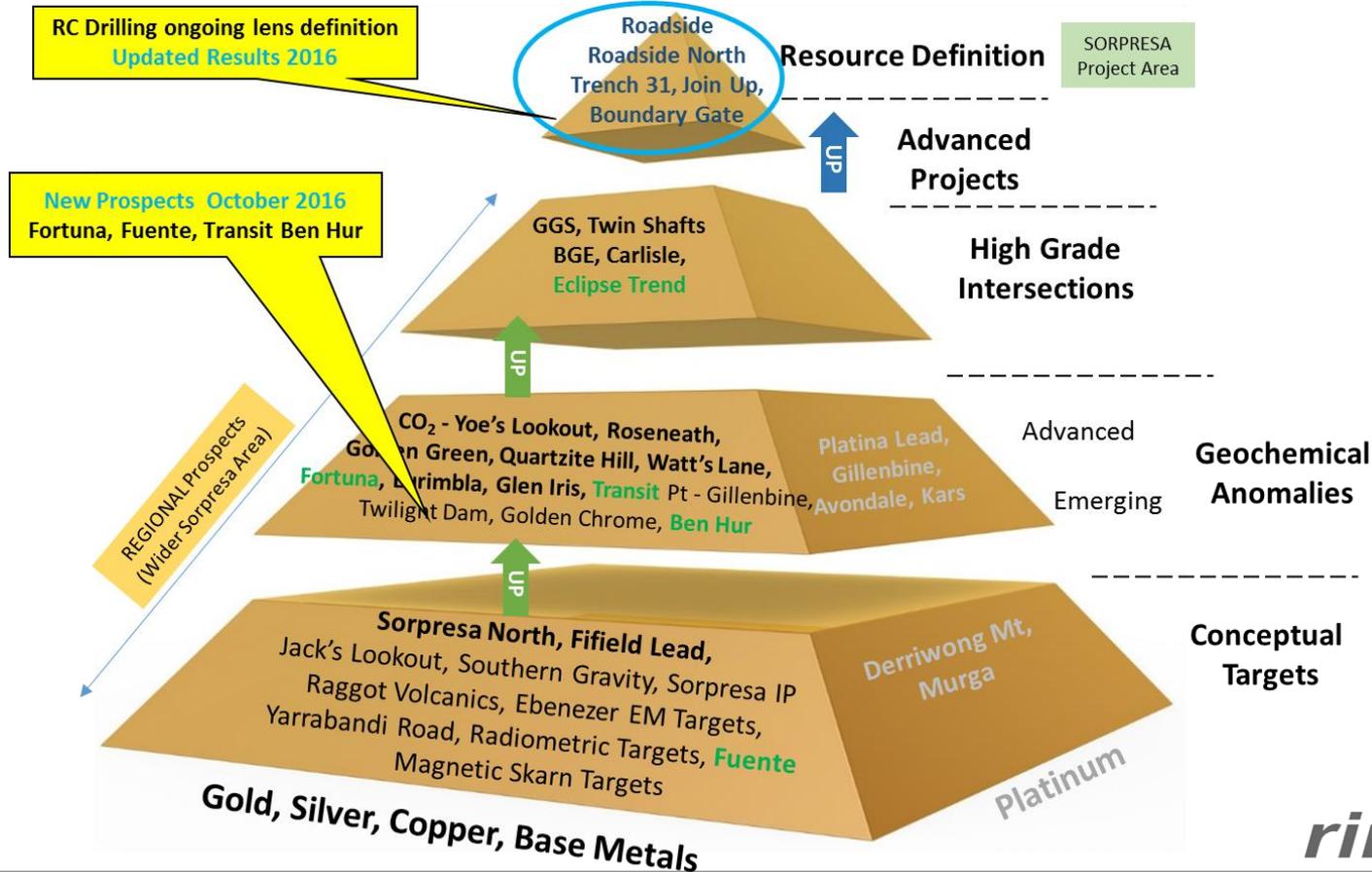
Regional Exploration – within 6km radius



A230 23

- ❑ New prospects
- ❑ More insights developing
- ❑ Sorpresa Corridor
- ❑ Important structural areas
- ❑ Potential for large discoveries
- ❑ Sorpresa the first, not the last

Prospect Pipeline - November 2016 - Ranking





Advanced Regional prospects compared

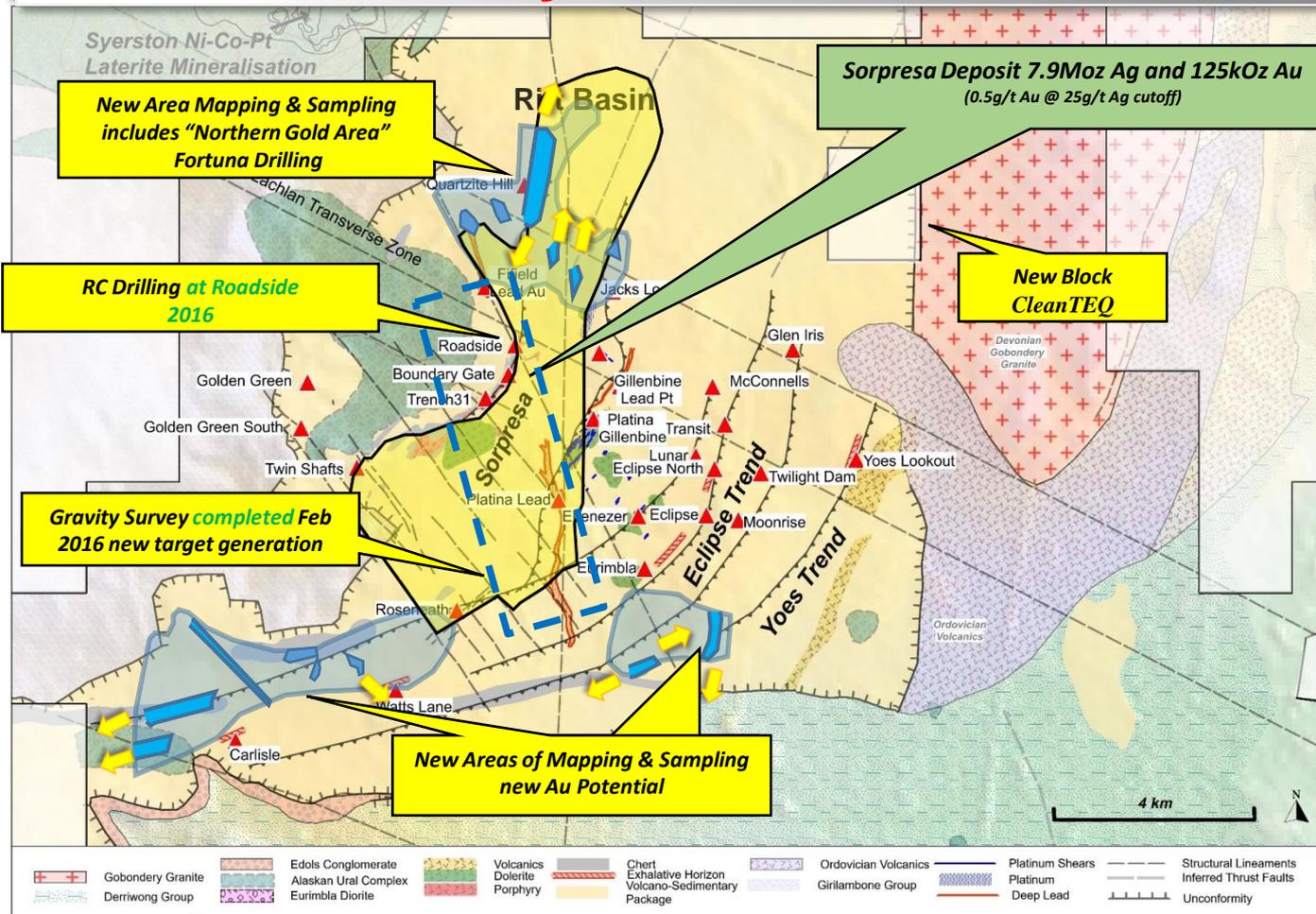
Table of Comparison of more Advanced Prospects within 6km Radius of Sorpresa Projects

Location	Rock Chip g/t Au	Typical Soil ppb Au	Typical Auger ppb Au	Anomaly Length	RC Drill (best to date)	Open	Other	Historic Workings
Sorpresa Resource	8.8	10~50	20~1,000	1.5km	14 @ 24.4 g/t Au 26m @ 155g/t Ag	yes	IP/Gravity	Minor
Yoes Lookout	3.4	10~300	20~1,000	1.7km	Au, Cu anomalous	yes	Magnetic Feature, Cu	No
Eclipse Trend	18.7	N/A	20~700	2.2km	4m @ 6.5% Cu 4m @ 2.3g/t Au	yes	Ag, Cu	Minor
Golden Green Group	8.1	N/A	10~100	0.5km	2m @ 9.11g/t Au	yes	Mafic host?	Yes
Roseneath	3.7	8~300	15~80	0.8km	N/A	yes	Sorpresa Style?	No
Carlisle	23.0	9~50	N/A	0.35km	7m @ 1.47g/t Au	yes	Magnetic Feature	Minor
Fortuna	N/A	9~60	N/A	1.2km	N/A	yes	Arcuate Shape	No

Advanced prospects that benchmark well against an early comparison of Sorpresa



Discovery Growth - 2016



Newly identified geology and mineralisation with Au potential



Expanded from 11km² to 18km² Sorpresa style geology with Au potential

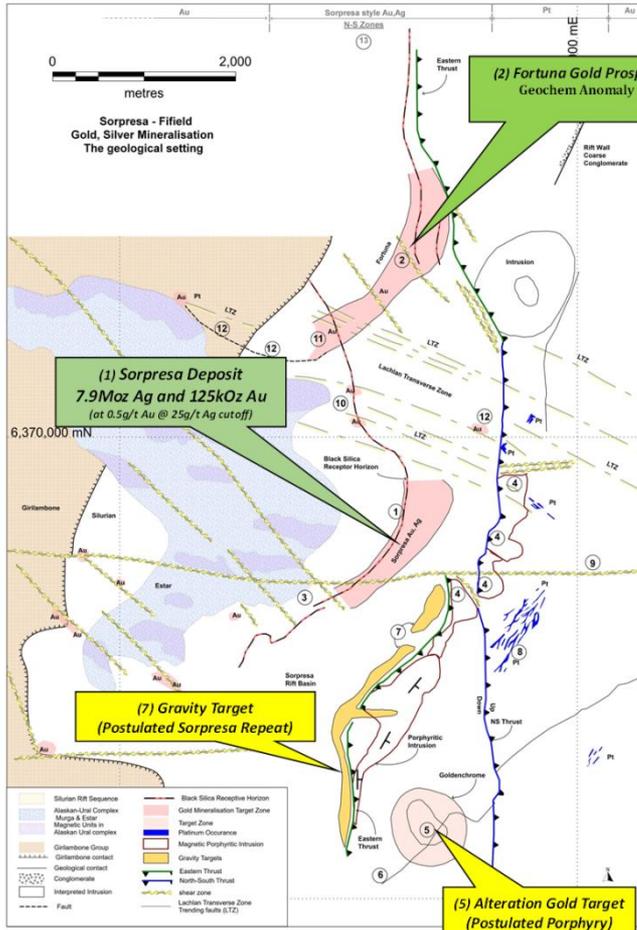


Gravity Survey – drill targets for repeats of Sorpresa Au & Ag

⇒ Discovery Growth



Discovery Growth – Sorpresa Corridor

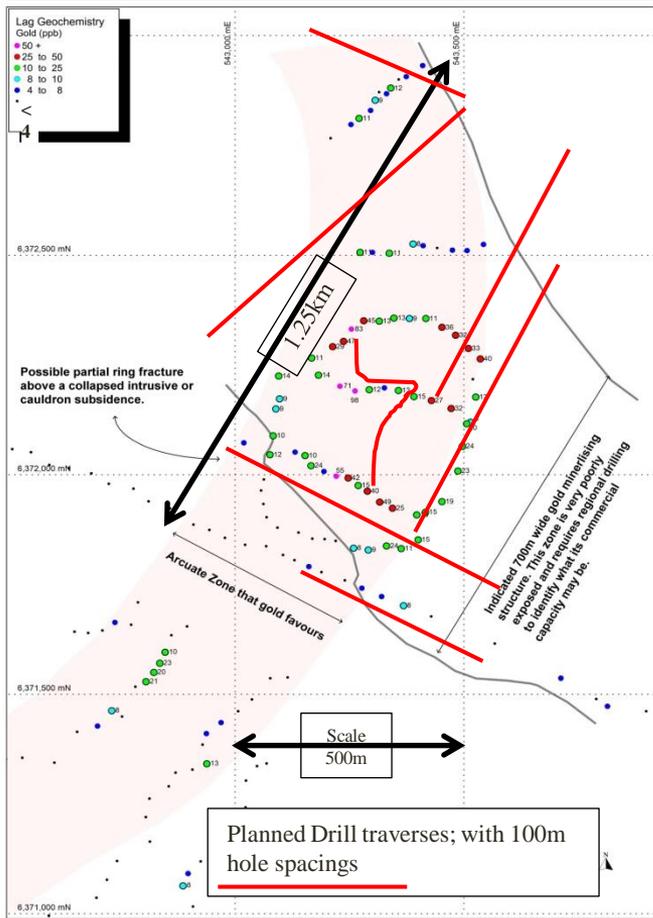


- ❑ Sorpresa “proof of Concept” Au potential
- ❑ Corridor 7km x 2km, North – South Orientation
- ❑ **Fortuna Prospect** stronger order geochem
- ❑ **Gravity Repeat**, Sorpresa style under cover?
- ❑ Intense **Alteration zone Gold Porphyry target**
 - ❑ Multiple porphyry parents likely in district
- ❑ Fundamental deep crustal control (IP)
- ❑ Fertile corridor more to yield

⇒ **Discovery Growth**



Discovery Growth – Fortuna Prospect



- ❑ Geochem (typical Au 20~50ppb plus) > Sorpresa
- ❑ Scale 1.2km x 400m open, arcuate shape
 - ❑ Intersection of structures
- ❑ Sheared, brecciated, intrusive driven Gold
- ❑ 5 stratigraphic holes – excellent geology
 - ❑ 7 traverses to follow probing a large area
 - ❑ 50~60m depth, oxide focus



⇒ Discovery Growth



Work programs conducted including...

- ✓ **Data Integration and Concept Development Sorpresa Corridor**
 - 7km x 2km corridor
 - Stratigraphic Drilling on Fortuna Prospect Started
- ✓ **RC drilling within Roadside at Sorpresa**
 - shallow oxide focus
 - BG area awaits
- ✓ **Interpretation & modelling of higher grade Au/Ag zones at Sorpresa**
 - Assess scoping study
- ✓ **Ground Gravity Geophysical survey completed Sorpresa (Feb 2016)**
 - A strong correlation is already noted between Gravity and the Sorpresa mineralisation
 - Looking for repeat style structures similar to Sorpresa
- ✓ **Geological mapping & sampling North of Eclipse – Ben Hur & Transit**
 - Historic Copper workings at Ben Hur, confirmed Au in rockchips (new)





Outcomes – New emerging Gold Areas

- ✓ **Sorpresa corridor (7km x 2km) with prospective Au geology**
 - Diversity of targets, based on geology, geophysics, geochemistry with gold signatures and structure
 - **Fortuna 1.2km x 400m**

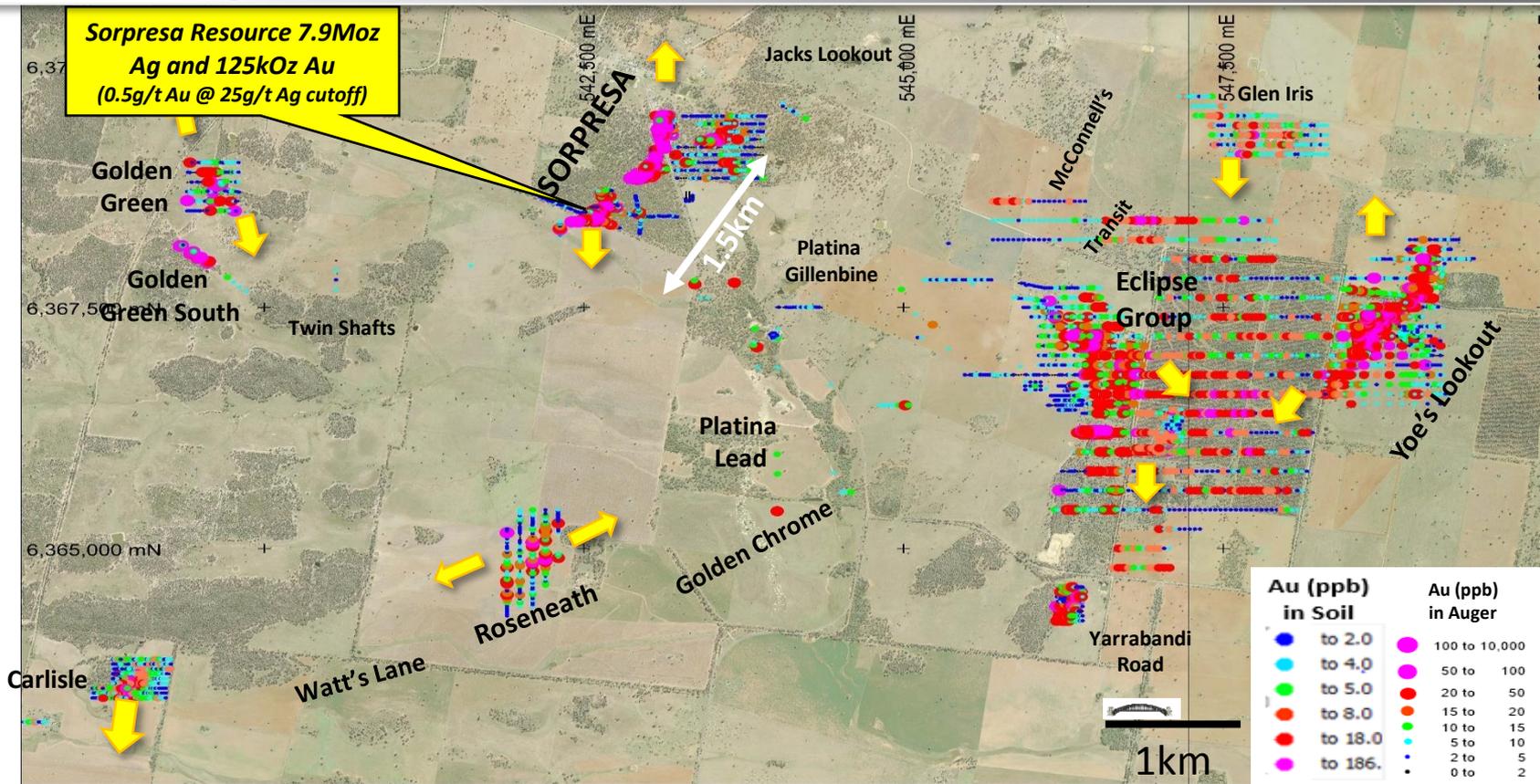
- ✓ **Sorpresa style geology footprint now expanded from 11km² to 18km²**
 - New mineralisation observations north of the Sorpresa resource area
 - **Less than 10% of the known Sorpresa geology currently RC drill tested**, there is potential upside

- ✓ **New areas emerging; anomalous gold and prospective geology was identified in parts**
 - **7.1km² was examined at the Carlisle & Watts Lane areas**, field observations included Au in creeks
 - **6.4km² north of Sorpresa was completed**, and a prospective Au zone identified at Quartzite Hill area
 - **2.3km² was covered at Eclipse South Extended**, a new Au anomaly with a quartz porphyry connection is emerging
 - **300m x 200m Transit area soil and auger results**, confirmation
 - **650m x 250m Ben Hur area mapped and chip sampled**

- ✓ **The Ground Gravity survey (Feb 2016) has now provided additional gold and silver targets**
 - Particularly to the south/south east of Trench 31, with *a subparallel 2km length target*



Regional Exploration - Auger & Soils

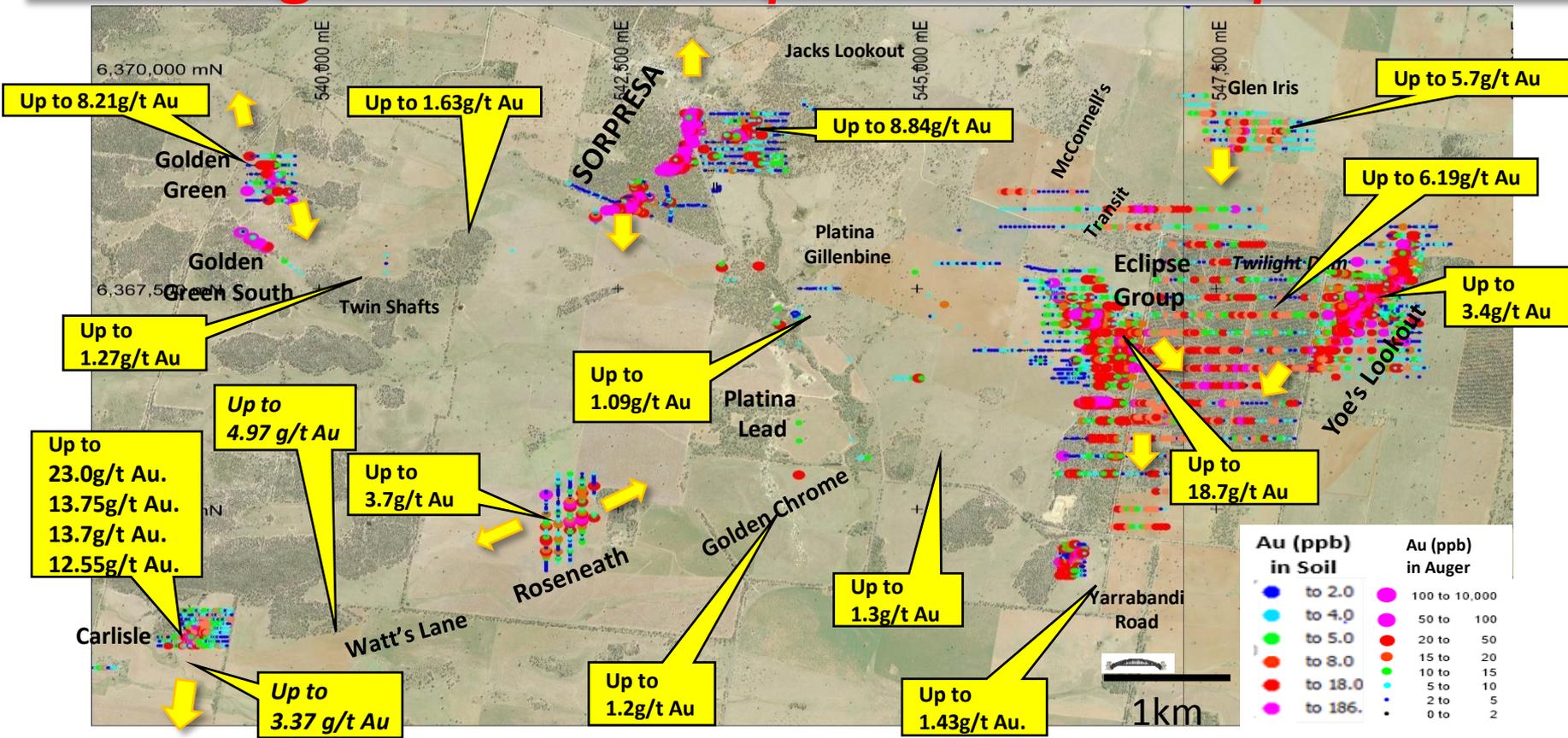


Gold geochemistry in Auger and Soils





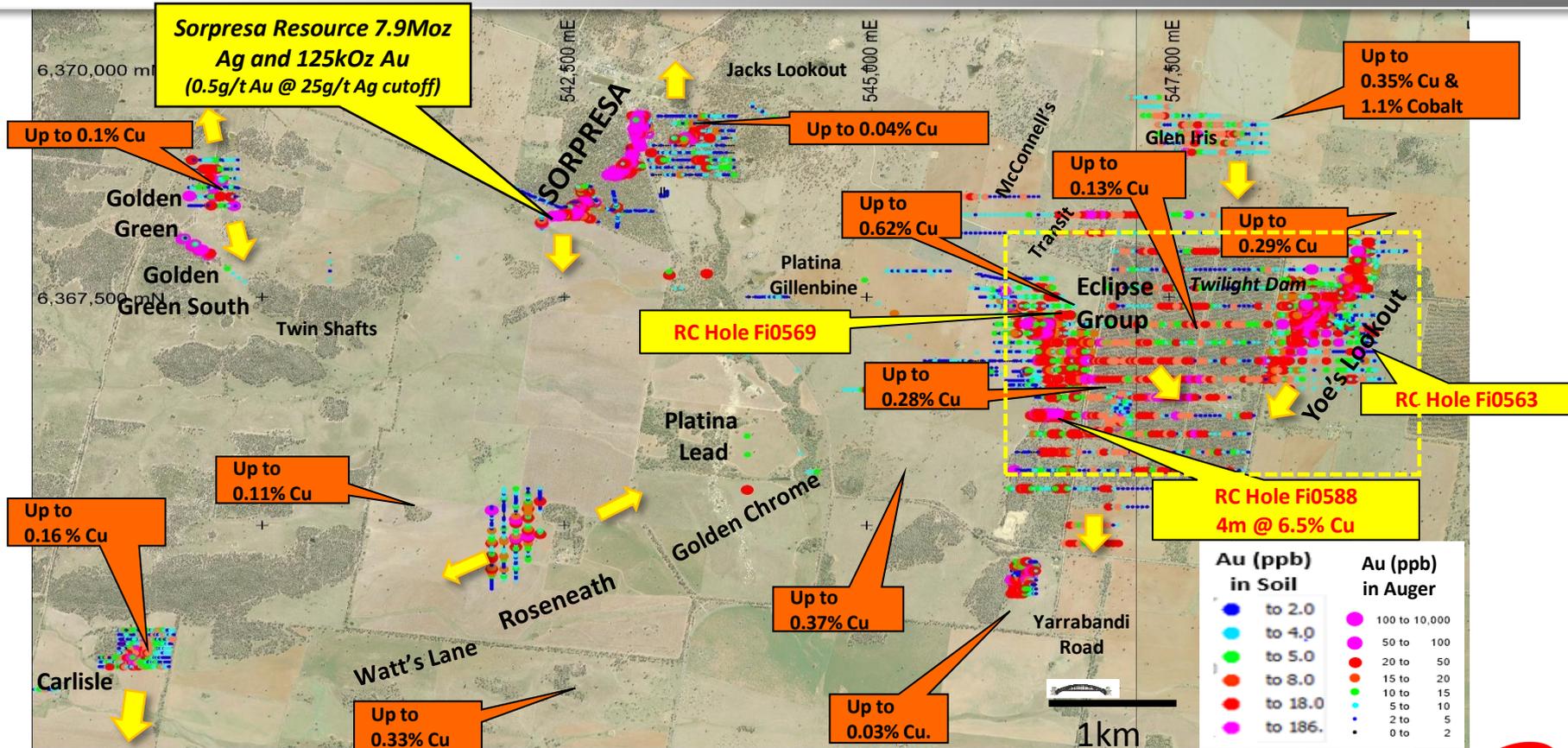
Regional Gold Footprint - Rock Chips Shown



A gold district has emerged



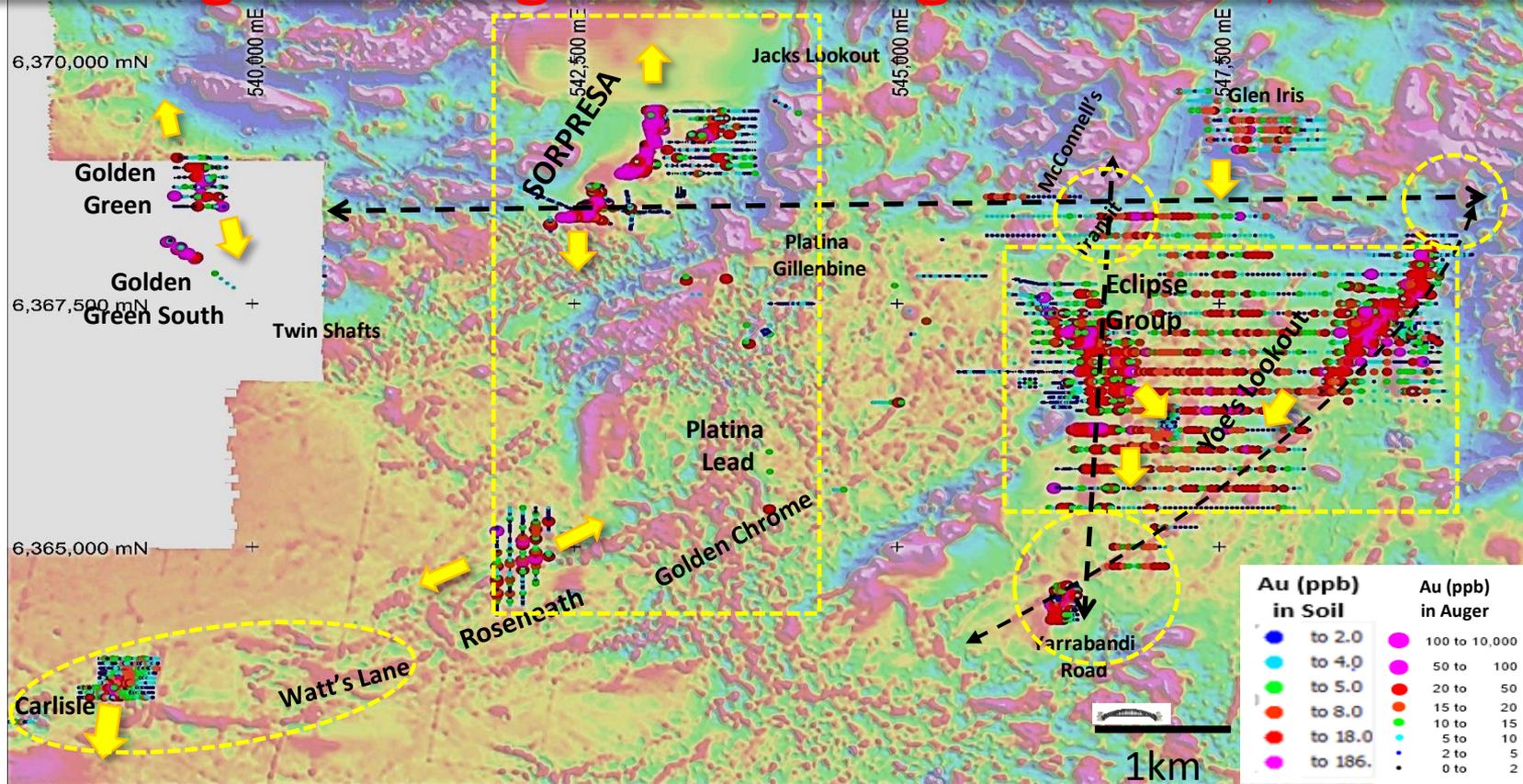
Regional Exploration - Copper Rockchips on Gold



A gold and copper district has emerged!



Regional Magnetics - Auger & Soils, Gold



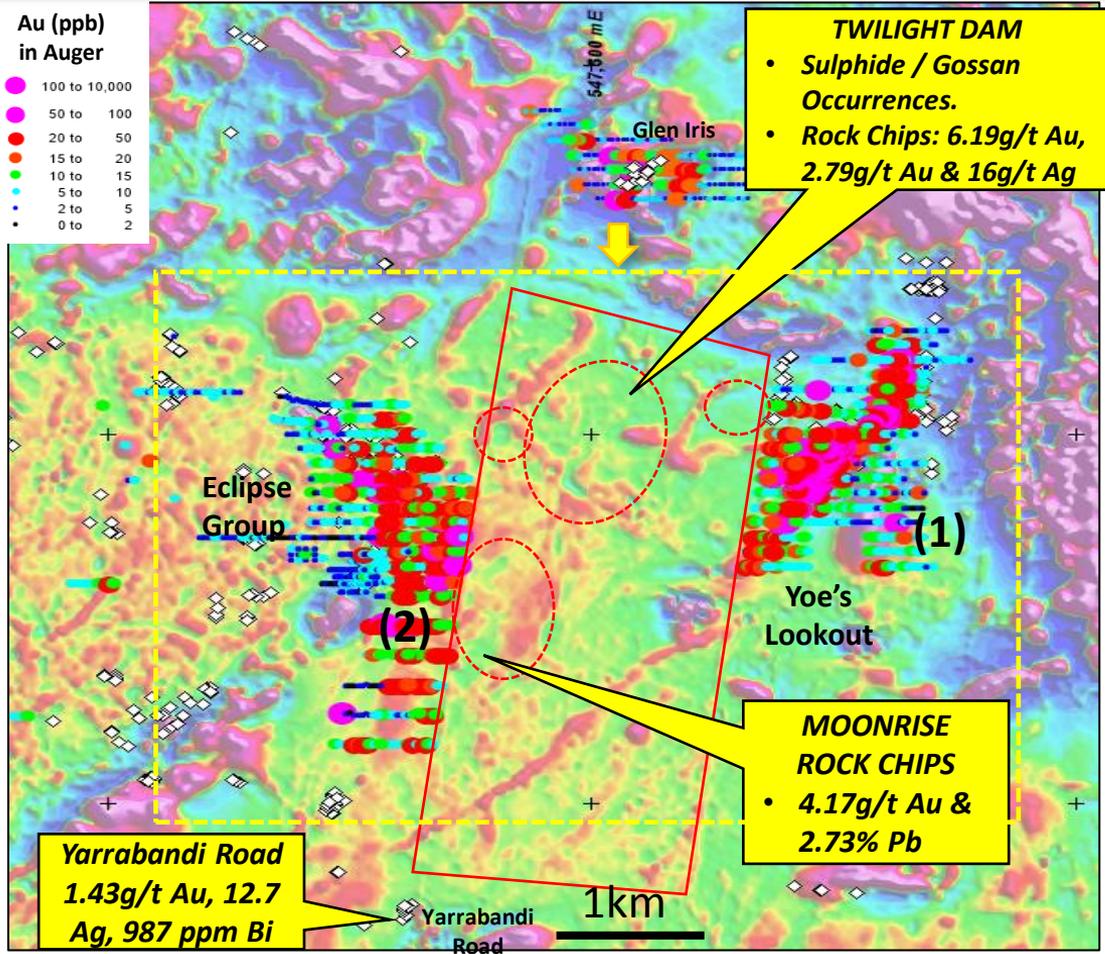
Sorpresa is the first discovery but likely not the last

rimfire

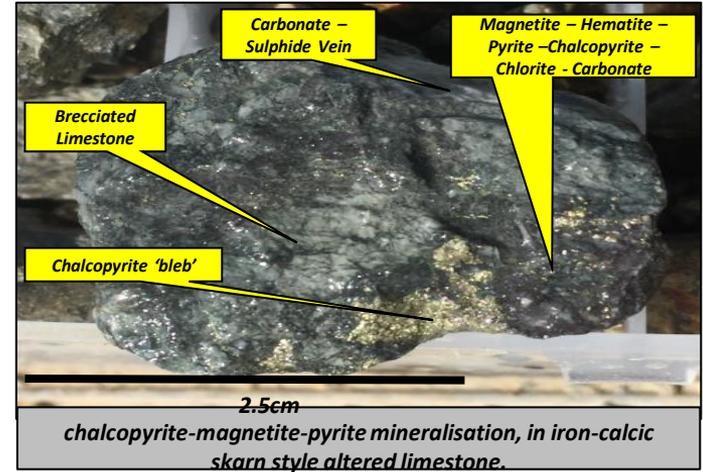


Eclipse - CO² - Yoes Area Gold and Copper

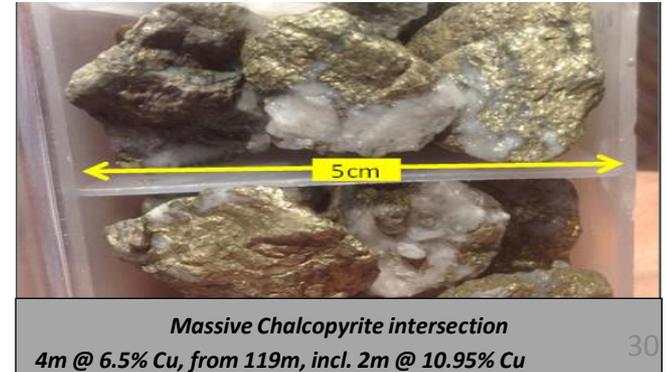
Au (ppb)
in Auger



(1) Copper at Yoes - RC Chips hole Fi 0559

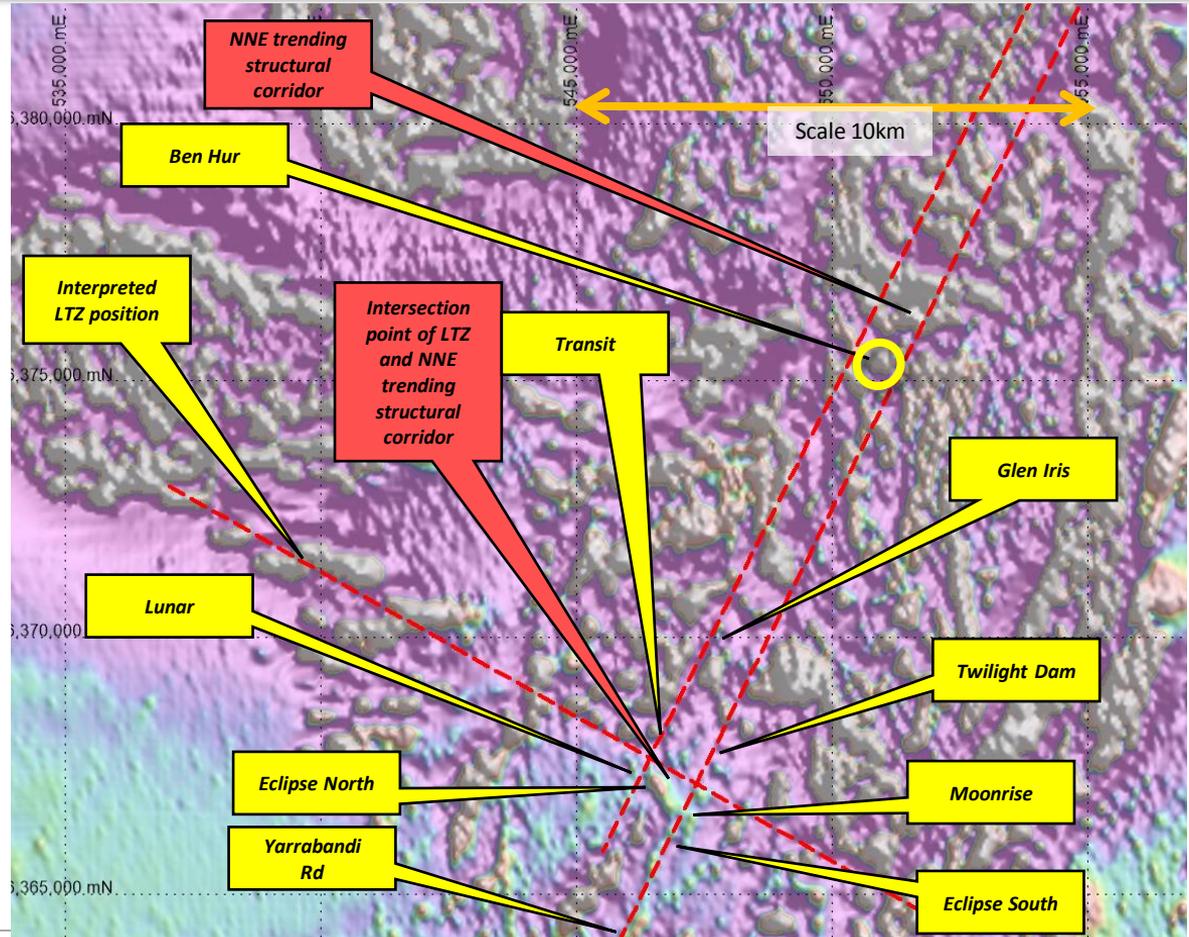


(2) Copper at Eclipse Sth - RC Chips hole Fi 0588



Relationship of interpreted structures to major prospects on 1VD magnetic image

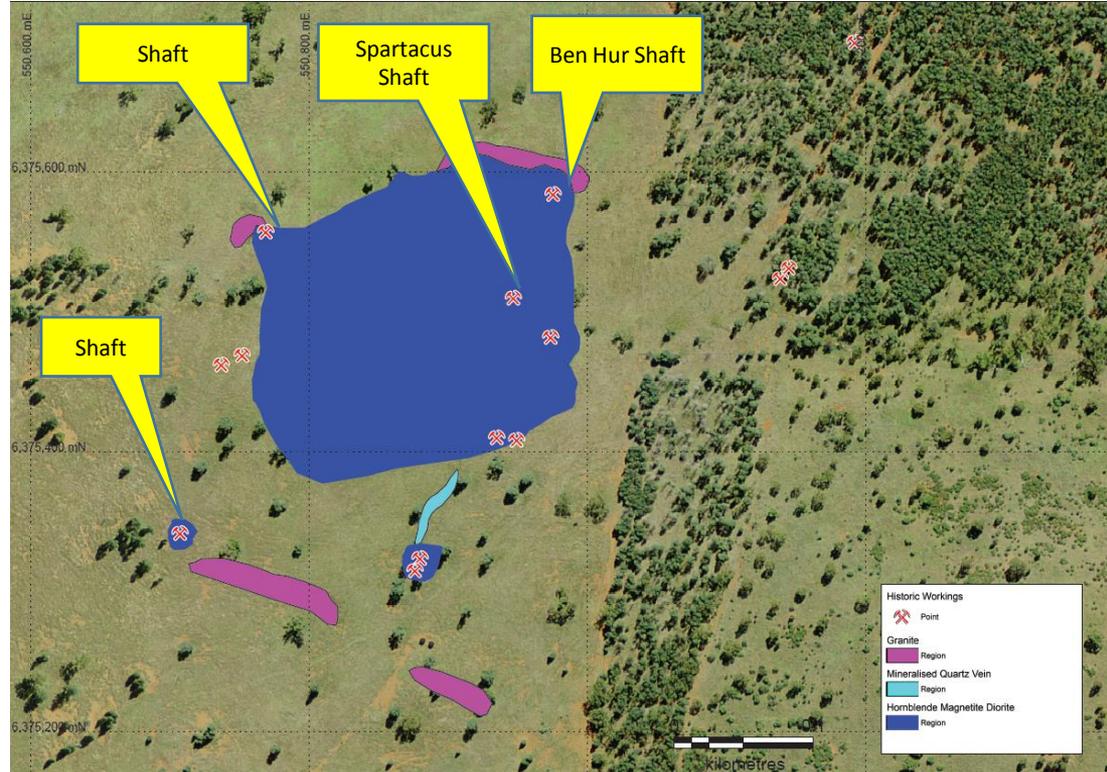
- ❑ Interpreted NNE trending structural corridor
- ❑ Many prospects associated with the Eclipse Trend occur directly on these interpreted structures
- ❑ The major mineralised zone occurs where the LTZ crosses the NNE trending structural corridor
- ❑ Eclipse North representing a possible dilational jog?





Ben Hur Copper prospect (10km NE of Sorpresa)

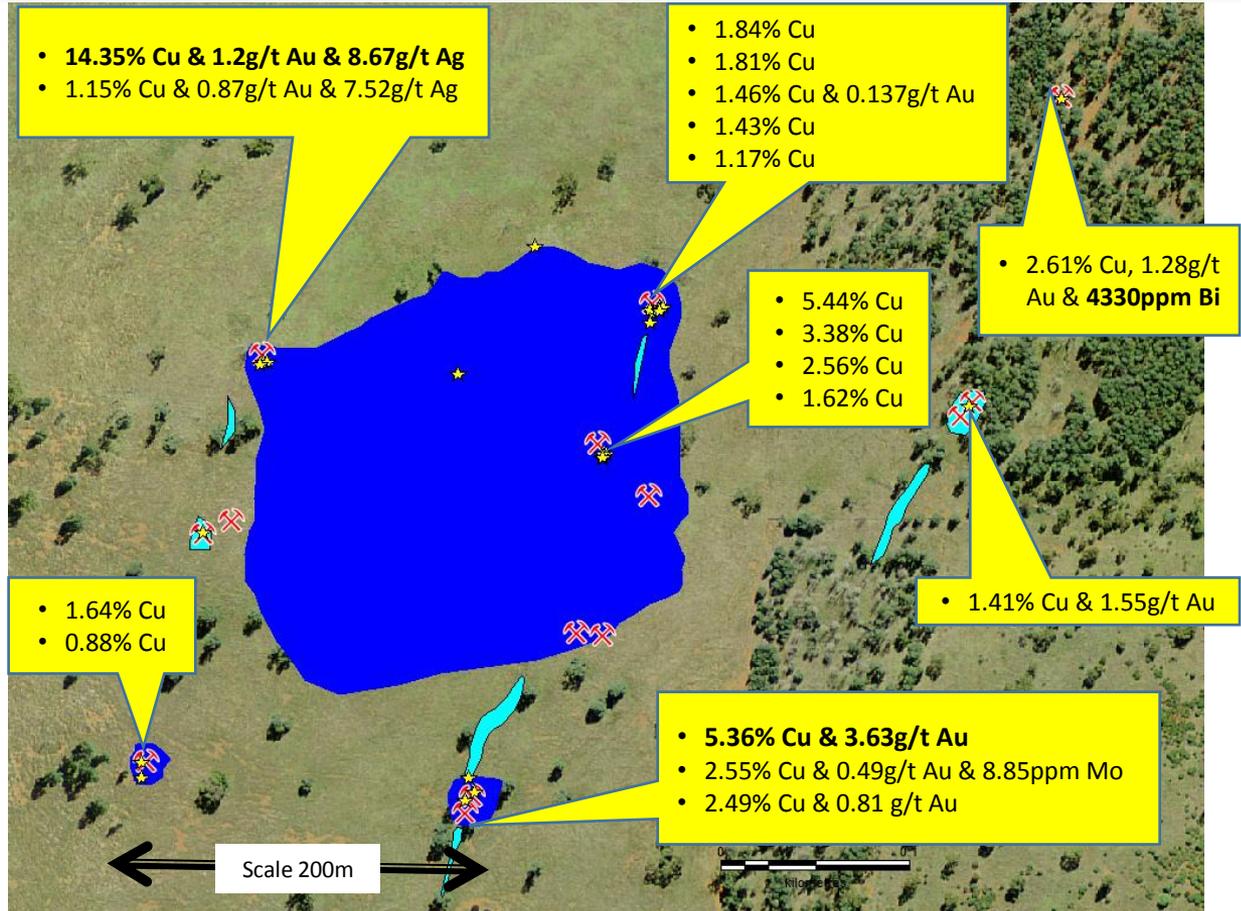
- Mapping identified 14 historic workings, ranging from test pits to shafts (~25m deep)
- These workings centred on three ~20-30m wide N-S orientated near vertical shear zones, with mineralisation open to the North and South





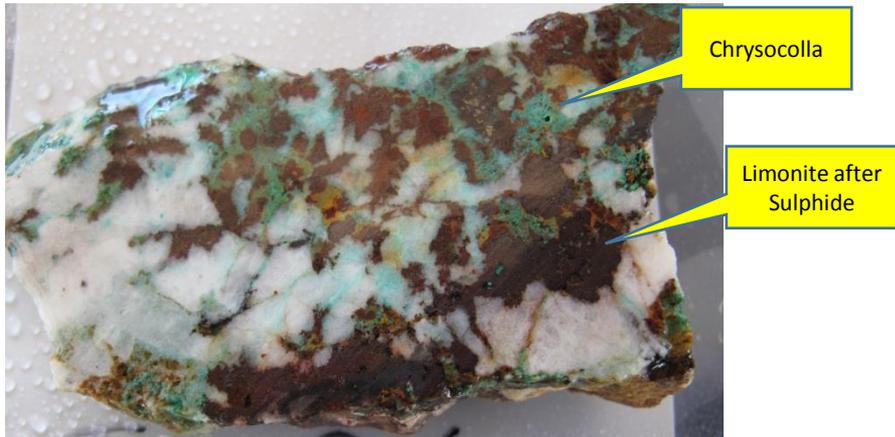
Rock Chip Locations and Significant Results

- Part of a bigger trend?
- Leakage anomaly?
- Area 650m x 250m open
- Hornblende bearing Diorite (dark blue polygon)
- Quartz-Sulphide Veins (light blue polygon)
- Workings (red picks)

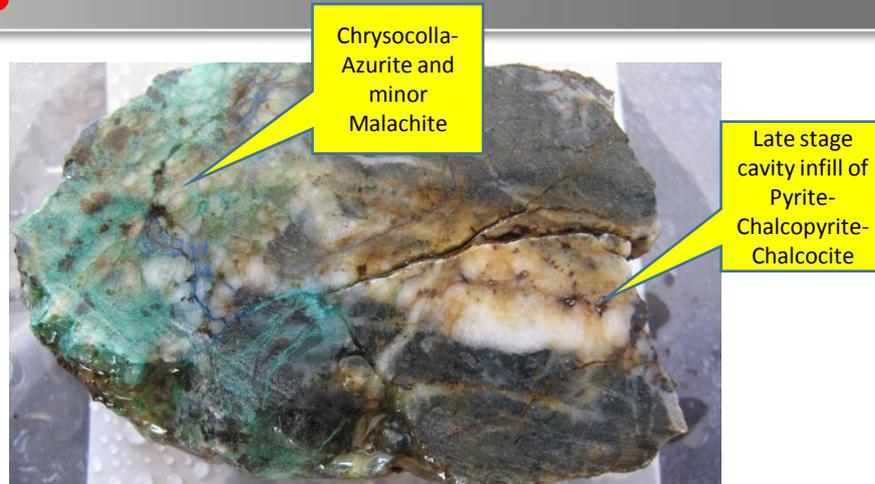




Significant Rock Chips



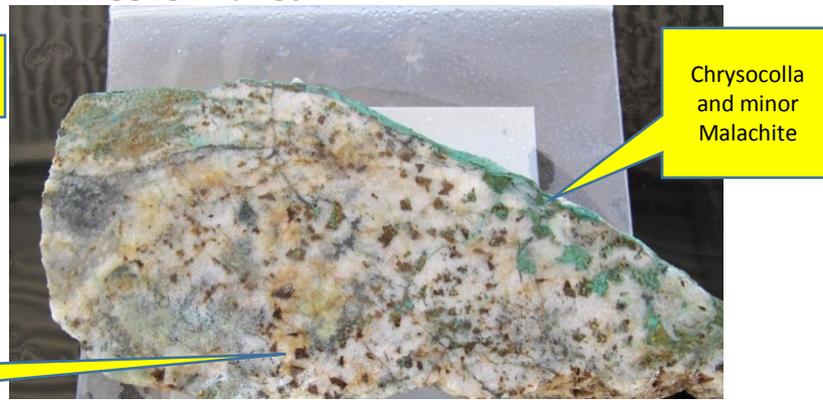
FIR1760: 14.35% Cu & 1.22g/t Au



FIR1755: 5.44% Cu



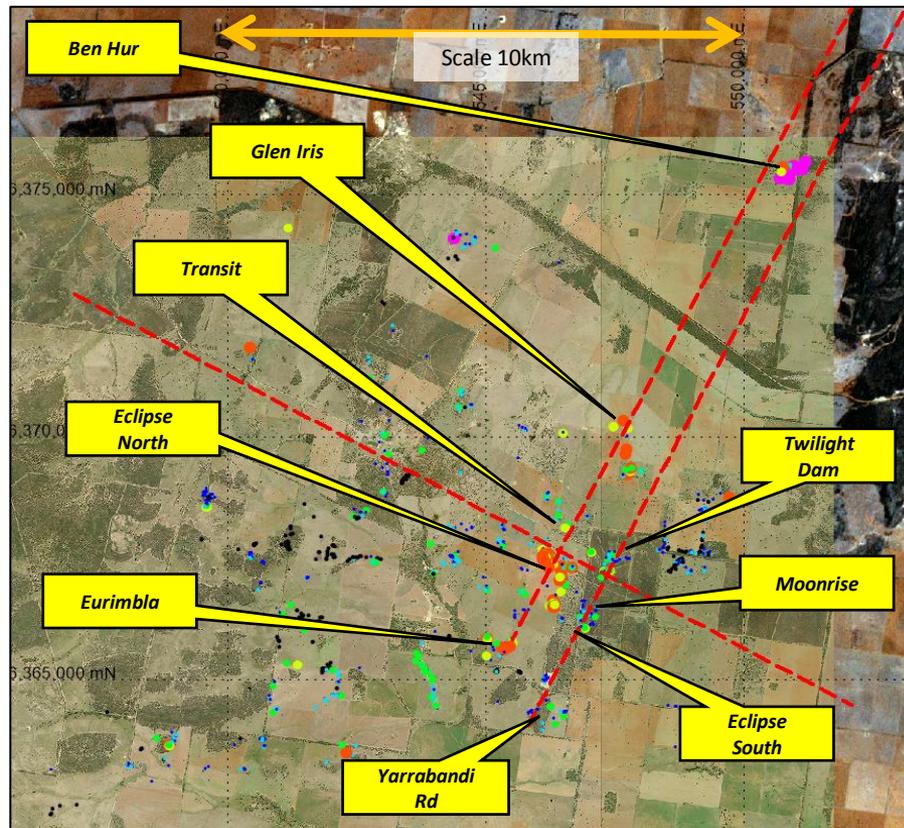
FIR1763: 5.36% Cu & 3.63g/t Au



FIR1769: 2.61% Cu & 1.28g/t Au

- Significant Cu results located around the identified NNE trending structural corridor, with few notable results outside of this zone

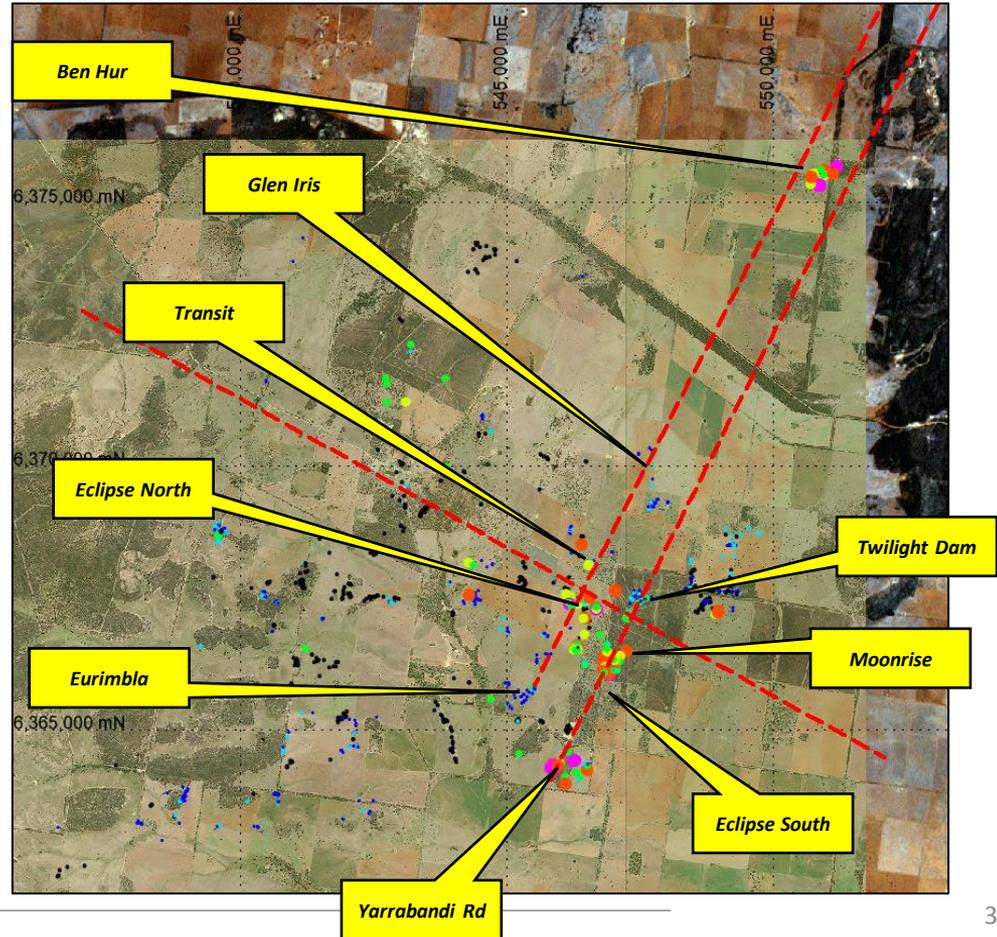
- Cu_ppm to 110.0 [50.00%]
- Cu_ppm to 299.0 [75.00%]
- Cu_ppm to 721.0 [87.00%]
- Cu_ppm to 1580.0 [93.00%]
- Cu_ppm to 6000.0 [98.00%]
- Cu_ppm to 143500.0 [100.00%]



Relationship of interpreted structures and Bi rock chip geochemistry

- ❑ The regional rock chip results for Bi again exhibit a similar distribution to that observed for Cu and Ag
- ❑ Most of the significant results occurring in proximity to the identified NNE trending structural corridor.
- ❑ (Some limitations occur with any interpretation based on Bi as not all historic rock chip samples were analysed for Bi, leading to a bias in the results)

- Bi_ppm to 0.21 [50.00%]
- Bi_ppm to 1.26 [75.00%]
- Bi_ppm to 5.67 [87.00%]
- Bi_ppm to 13.2 [93.00%]
- Bi_ppm to 92.7 [98.00%]
- Bi_ppm to 5300.0 [100.00%]



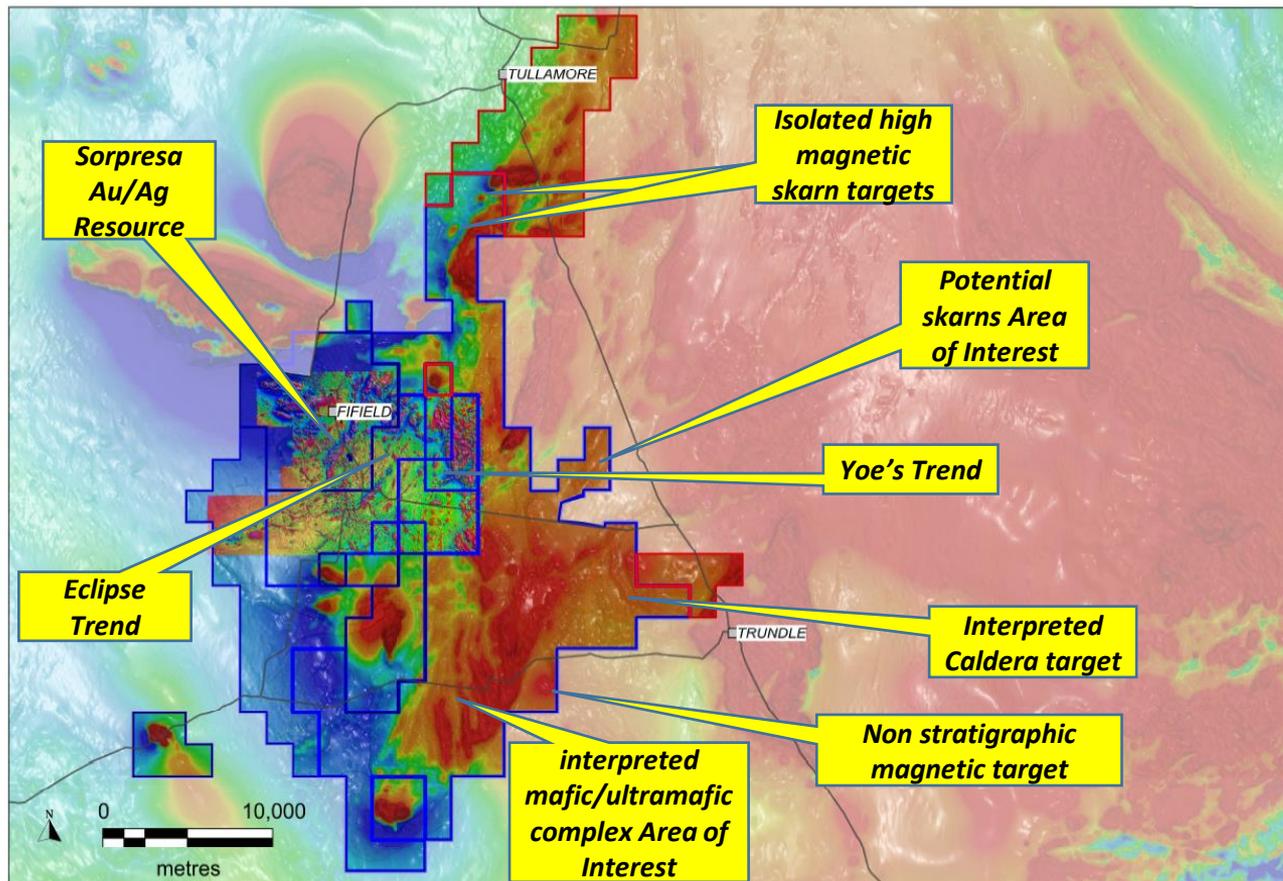


Summary and Exploration Significance

- ❑ The NNE trending structural corridor appears to have an important association with mineralisation on a regional scale, with associated Cu-Au-Ag-Bi occurrences
- ❑ The interplay between the LTZ and NNE structural corridor is an important exploration target, with significant alteration and ore grade intercepts associated with this interplay
- ❑ A possible exploration target would be to search for further locations where the LTZ crosscuts the Cu-Au bearing NNE structural corridor, with these locations having the potential for dilational jogs, giving rise to possible economic mineralisation



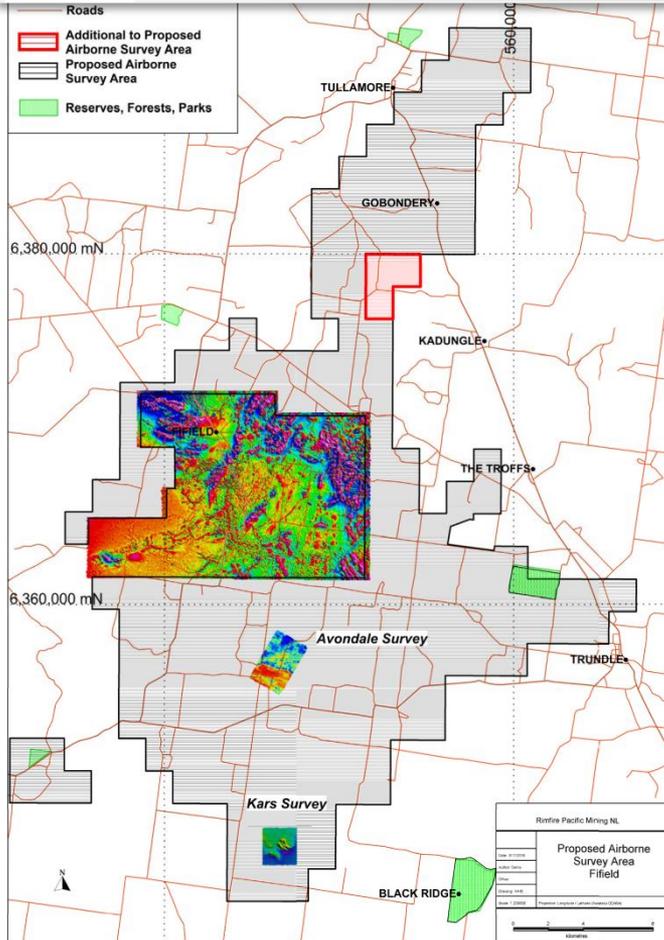
Regional Targets on Magnetics



- ❑ Strategic Holding in LTZ
- ❑ Cu/Au/PGE Potential
- ❑ Hidden Major Ore Body Potential (under cover)
- ❑ Diverse Style Mineralisation likely
 - ❑ Mt Leyshon, Kidston
 - ❑ Tritton (Besshi)
 - ❑ Magmatic Cu/PGE
 - ❑ Porphyry Cu/Au
- ❑ Detailed Magnetics needed



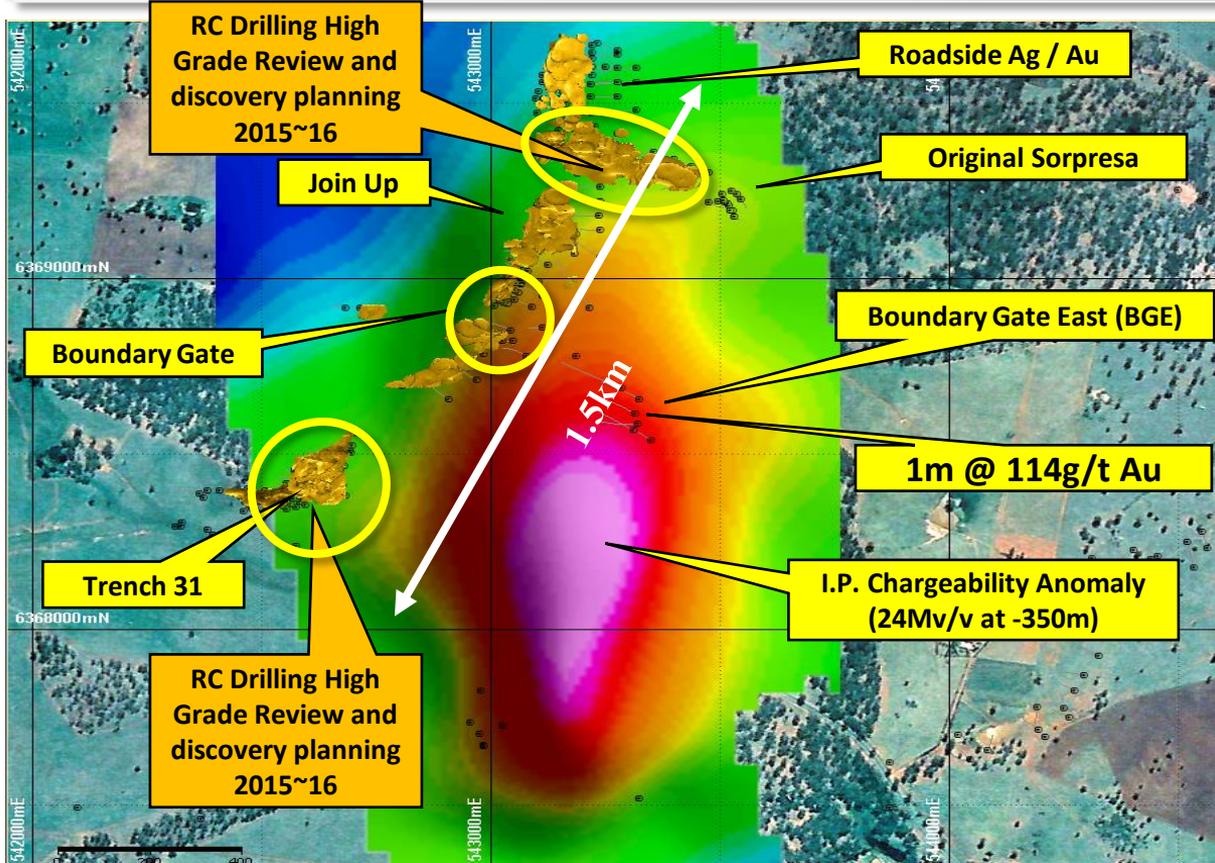
Magnetics & Radiometrics Expansion



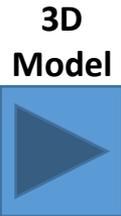
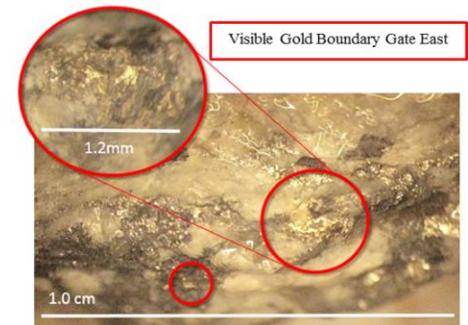
- ❑ Expand the use of geophysics
- ❑ 16,000 line km 40m x 40m height
- ❑ A proxy for geology
- ❑ Greater definition on regional geophysics
- ❑ Structure and target definition
- ❑ Stitch with existing high quality Rimfire surveys



Sorpresa - Gold and Silver High Grade Lenses



- Excellent correlation of Mineralisation to Gravity
- Less than 10% of available geology tested (>18km²)
- Potential extensions and repeats under shallow cover
- Pursue High Grade lenses
- Examine economic case
- I.P. chargeability – to resolve

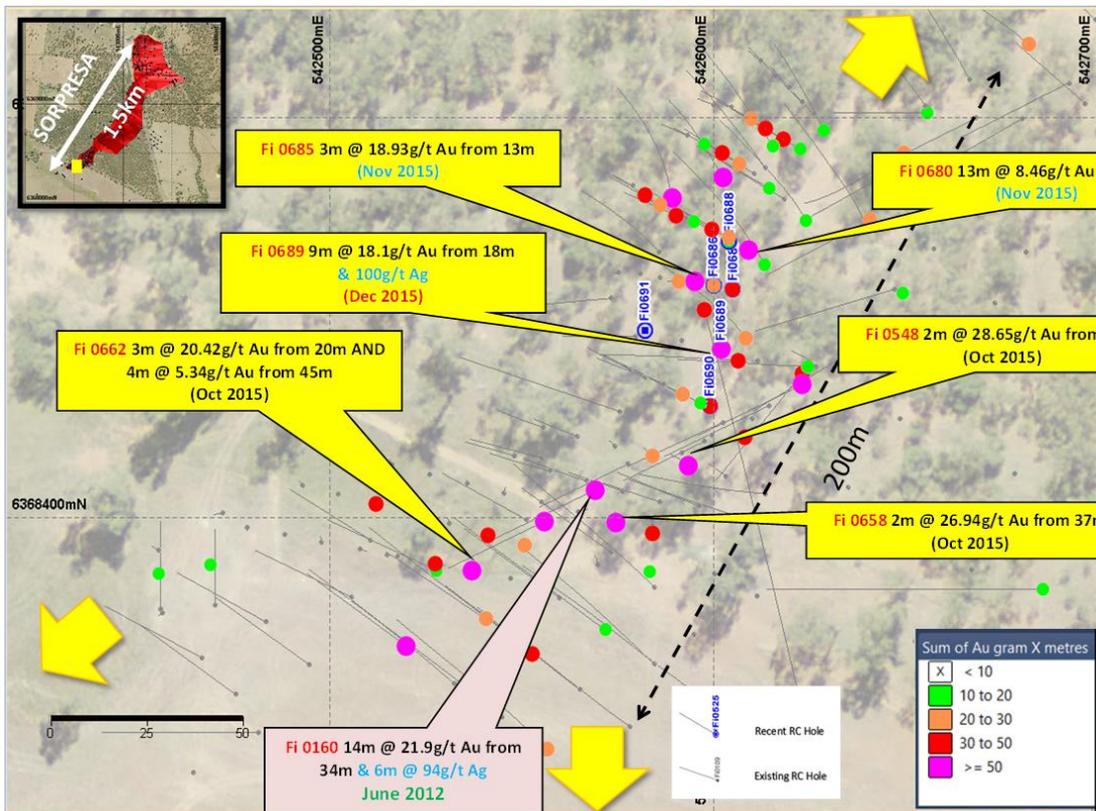


rimfire



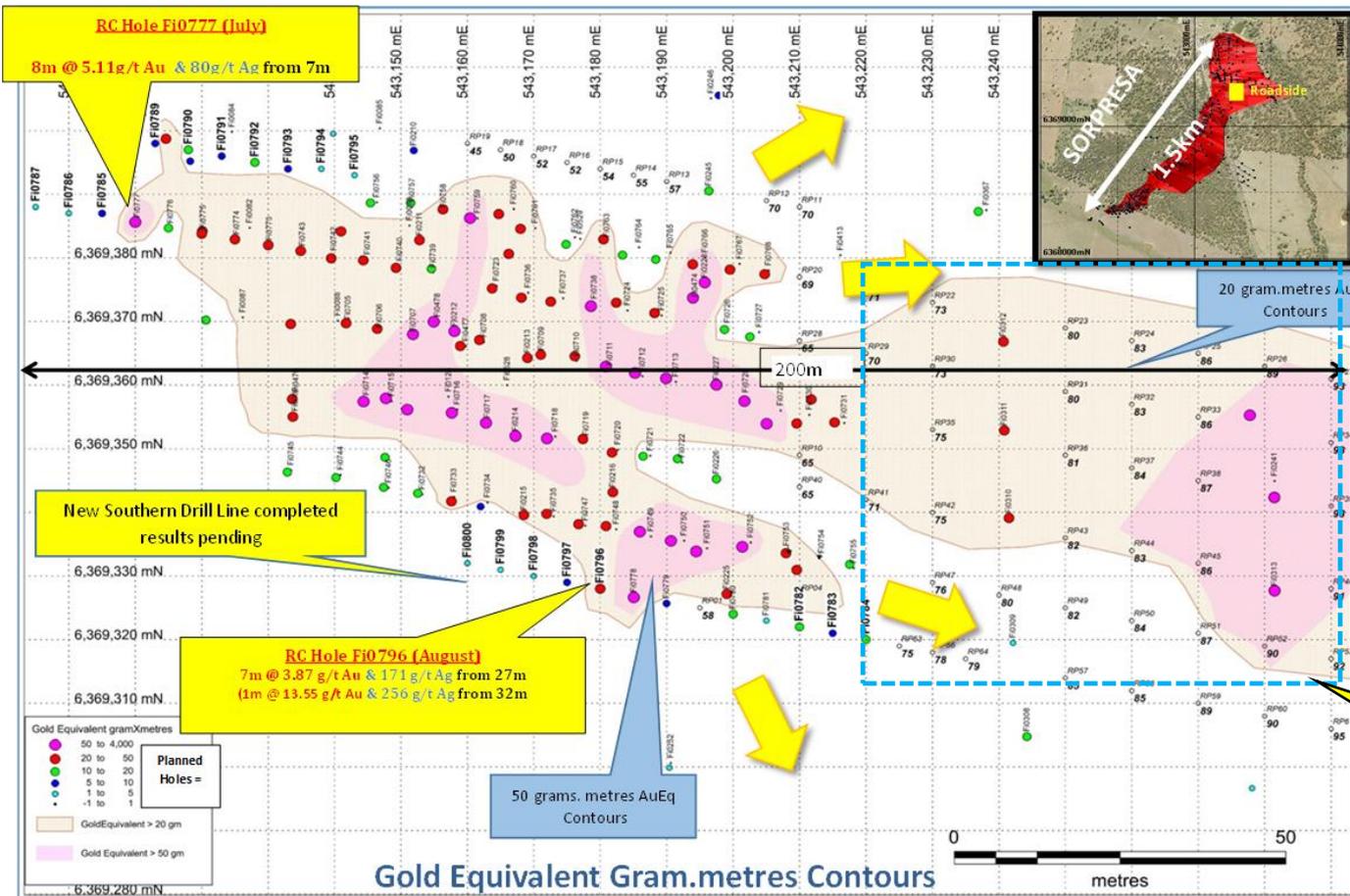
Implicit Model showing Au only (at June 2014) and is an interpretive exploration model imaging Au > 0.2g/t

Sorpresa - Trench 31 High Grade Work



- Great frequency of High Au grades emerging
- Shallow (0~40m mainly)
- Look to grow ounces and grade
- Seek vectors into new adjacent areas to grow tonnes
- Metallurgy 95% Au recovery CIL
- Internal scoping underway, plant, process and scale
- Plus Roadside Area with Ag

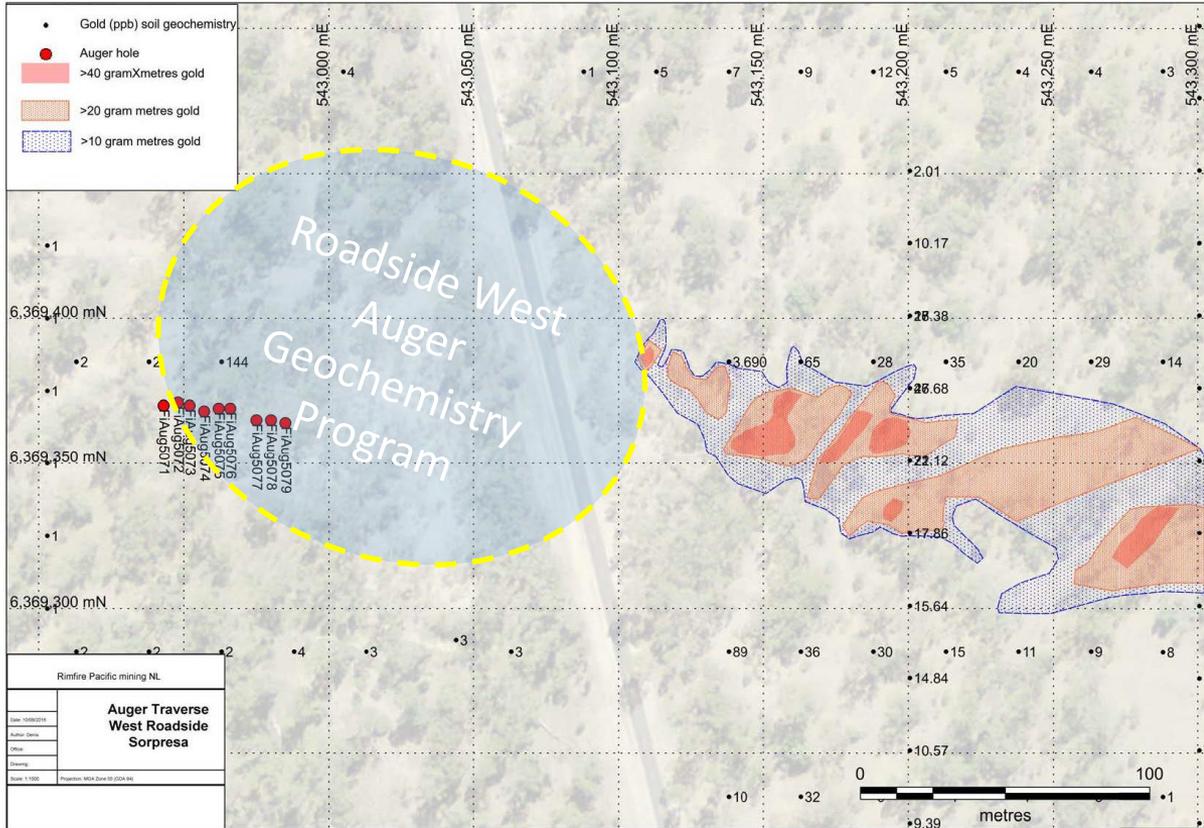
Sorpresa - Roadside High Grade Work 2016



- Extend east to Fi 241
 - 10m at 535g/t Ag, 1g/t Au
 - Only 7 current holes in 60m down dip
- 2,000 m (100m depths) infill
- Gold zonation
- South East?
- Best Recent 1m @ 3170g/t Ag (6.24g/t Au) Fi 778

RC Drilling Lines Roadside Area for Au and Ag structure and orientation ongoing RC drilling within Sorpresa

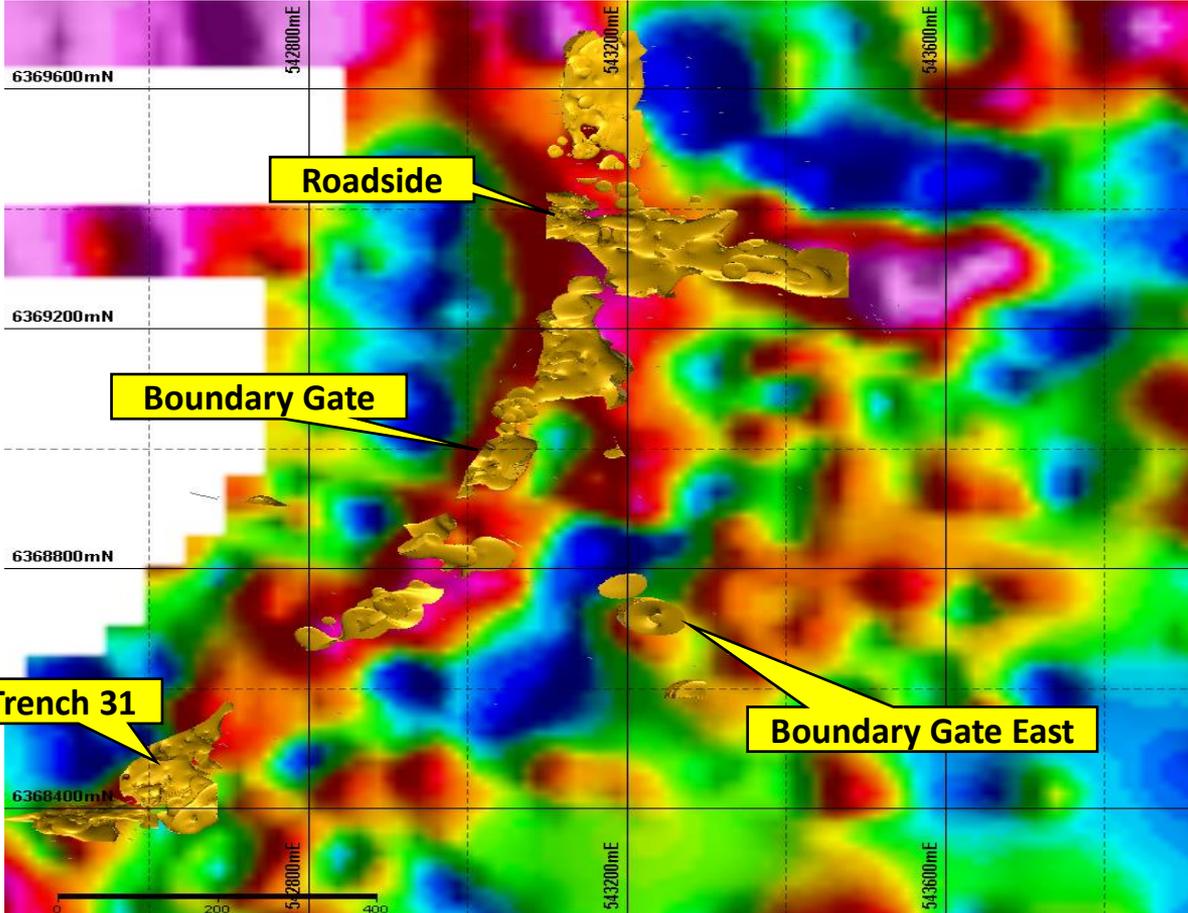
Sorpresa - Roadside High Grade Work 2016



- West 144ppb in soil
- Auger program west
 - Au anomalous
- Eastern RC still 30g/t Au at 11m
- Faulted, but does it continue west?



Sorpresa - Regional Extensions Gravity

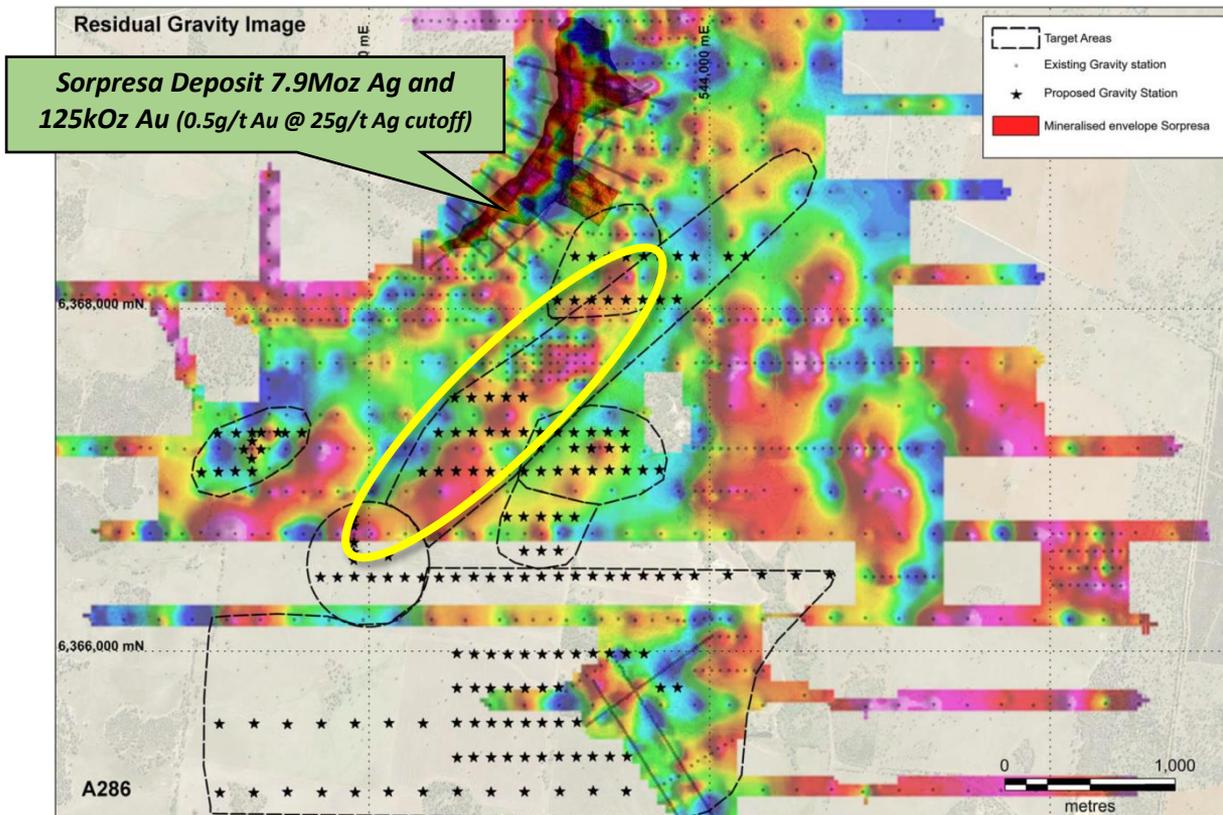


- ❑ Excellent correlation of Mineralisation to Gravity
- ❑ Increased gravity relates to silicification.

1st Vertical Derivative Gravity Image



Sorpresa - Gravity Survey Extension & Infill



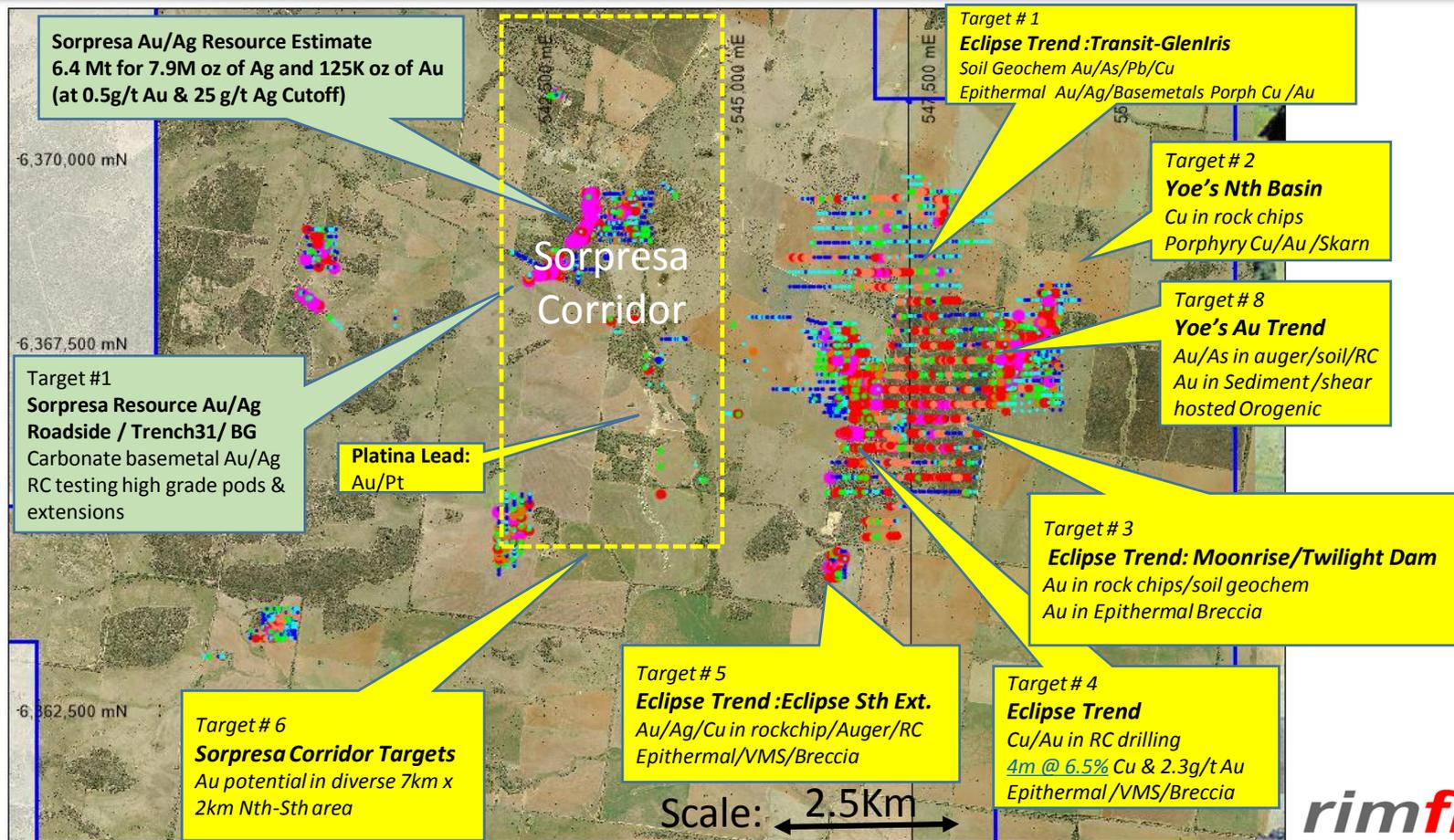
additional gravity completed north of this

- Excellent correlation of Mineralisation to Gravity
- Increased gravity relates to silicification
- Major 2km long, Subparallel target on a magnetic contact position
- Oblique RC drilling traverses proposed across Sorpresa basin (up to 250m depths)

More on Sorpresa



Priorities under review (with New Gold) for 2017





Overall Considerations for 2017

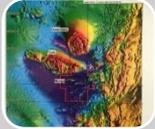
Approaches to be undertaken



Determination with New Gold - Complete Geology and area Interpretations, set priorities



District surface sampling ongoing (creeks, soil; auger, RAB) geochemistry



Implement more Geophysics, Magnetics/Radiometrics, possible EM/IP, Gravity



Define Anomalies and prioritise for testing with RC and Diamond drilling – Some areas drill ready & permitted



Objective - Build Discovery Inventory - A major opportunity for Copper-Gold discovery



Components of the Plans for 2017

Regional Program Focus



Further Distillation from data review with New Gold will determine



7km x 2km Sorpresa Corridor Including Fortuna Area



Copper Corridor Eclipse-Yoes Trends to Ben Hur



Sorpresa as a repeat or leakage Anomaly with a deeper source



Objective - Build Discovery Inventory a major opportunity for Copper-Gold discovery



Rimfire... Value Drivers for Investors

- ❑ **Fifield NSW District within LTZ – The Right Address for World Class Discoveries**
 - ❑ *LTZ is already host to many existing Copper-Gold mines – Recognised globally*
 - ❑ *Good infrastructure, road, power, skilled labour*
- ❑ **Rimfire's Project Area Under Explored - High Grades near surface - Greenfields**
 - ❑ *Multimillion Ounce gold equivalent potential, multiple deposit styles*
 - ❑ *Favourable commodity focus (Gold, Silver, Copper, Platinum)*
 - ❑ *An established discovery Track Record – Sorpresa Gold and Silver Resource – **Proof of concept***
- ❑ **New Gold Inc. Strategic Partnership provides many benefits**
 - ❑ *Committed capital and reduced Rimfire shareholder funding*
 - ❑ *Excellent personnel and culture*
 - ❑ *Relevant expertise including as mine developer/operator*
 - ❑ *Gives flexibility for Rimfire (15% spend, plus additional spend options)*
 - ❑ *Genuinely collaborative*





Rimfire... Value Drivers for Investors

- ❑ **Capacity for High Grade intersections, keep us on the radar**
- ❑ **Rimfire Bench Marked Superior to many Junior Peers**
 - ❑ Market Capitalization and strong funding - respectable financial position
 - ❑ Efficiency (low overheads)
 - ❑ Performance (discovery cost extremely low, and highly effective)
 - ❑ Strong partner backing
- ❑ **Portfolio Pyramid of more than 30 ranked prospects**
 - ❑ *Mitigates risks in exploration performance*
- ❑ **Catalysts that can improve share price and shareholder value ...**
 - ❑ *Expected large number of Drill targets to be tested*
 - ❑ *Regional Discovery Growth Copper-Gold*
 - ❑ *Sorpresa Resource Area Growth (less than 10% of >18km² geology tested)*



“Quality assets well partnered with New Gold - high growth potential”



Please stay tuned for an exciting 2017



Thank you

[New Gold Inc.](#)
[TSX Code "NGD"](#)
www.newgold.com

rimfire 

[ASX Code "RIM"](#)
www.rimfire.com.au
rimfire@rimfire.com.au
Ph+613 9620 5866



Appendix – Additional Information

- ❑ Independent Industry Benchmark studies on Junior Resource Sector available at Rimfire website
 - ❑ 14th Nov 2014 – [Exploration Industry Presentation AGM Nov 2014 Mr Richard Schodde](#)
 - ❑ 27th Nov 2015 - [Presentation Exploration Trends Richard Schodde AGM 2015](#)
- ❑ Slides on Sorpresa Resource and Preliminary Metallurgy
- ❑ Project Summaries at Fifield



Appendix-Sorpresa Maiden Resource

- ❑ *Maiden Inferred and Indicated Mineral Resource for the Sorpresa Deposit comprises;*
 - ❑ 6.4Mt for 125kOz of gold and 7.9Moz of silver (at 0.5g/t Au & 25g/t Ag cutoff)
- ❑ *The Gold dominant portion of the Sorpresa system represents;*
 - ❑ 3.0Mt @ 1.06g/t Au and 22g/t Ag for 103kOz Gold and 2.1MOz Silver (at 0.5g/t Au cutoff)
- ❑ *The Silver dominant portion of the Sorpresa system represents;*
 - ❑ 3.4Mt @ 54g/t Ag and 0.20g/t Au for 5.8MOz of silver and 22kOz Gold (at a 25g/t Ag cutoff)
- ❑ *Mineralization is continuous at higher cutoffs, at a 1.0g/t Au & 60g/t Ag cut off of;*
 - ❑ 1.9Mt @ 1.11g/t Au and 68g/t Ag for 68kOz Gold and 4.2Moz Silver
- ❑ *70% of gold ounces and 62% of the Silver ounces are within 100m from surface, with an initial metallurgy study (Dec 2013) suggesting up to 93% Au and 74% Ag recoveries*
- ❑ *An internal Sorpresa conceptual study will be undertaken, focusing on the oxide zone and higher grade lenses to assist the Company in determining the forward strategy*
- ❑ *Exploration of already defined Sorpresa extensional and satellites targets beyond the current resource boundaries, including to the east, south and west*





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.





Appendix Sorpresa - Oxide Metallurgy - 2013

❑ 3 composite Oxide Zone Samples across Sorpresa

- ❑ 3 locations, 130m of mineralization, 30 drill holes
- ❑ Standard 24 hr CIL test at 75 micron

❑ Additional Test on Met1 - Silver Roadside*

- ❑ 48 hour CIL, finer grind, improved recoveries
- ❑ Improved recoveries to 89.1% for gold and 72.3% for silver

❑ No problems with clays or carbon/graphite

✓ Very Good Metallurgical recoveries (additional testing completed Oct 2015)



Sorpresa is “native gold”

Sample ID and Location	Number of 2m interval samples used for composite sample	Head Assays, g/t		Recovery % (Standard CIL)	
		Au	Ag	Au	Ag
Met1 – Roadside *	24	1.22	73	84.3	68.9
Met2 – Trench 31	21	2.82	7.3	96.8	72.6
Met3 – Trench 31 SW	20	2.54	7.9	94.5	78.5



Appendix – Project Summaries

Project Name or Type	Metals	Current or target	Comments
Sorpresa	Au, Ag	250,000 oz Au eq	Resource & can grow
Platina-Gillenbine ¹	Pt	0.8 ~ 1.0M oz target	Bulk sampling proof of concept
Regional Portfolio ² > 30	Au, Cu	Multi Million Ounce	Target Discovery Potential
Platina Paleo Channel ³	Pt	20~50,000 oz target	Low Capex, Proof of concept

Note 1, 2 and 3 : These are exploration targets only under the JORC 2012 Code and do not constitute a resource as insufficient work has been done to date.