

26<sup>th</sup> July 2012 Company Announcements Platform Australian Securities Exchange rimfire pacific mining nl a.c.n. 006 911 744

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## SUCCESSFUL INTERSECTIONS AT SORPRESA GOLD PROJECT, FIFIELD NSW

Encouraging grades seen in latest Assays from Trench 31 and Boundary Gate Locations

Further percussion drilling activities were undertaken at the Sorpresa Gold project and assays on previously drilled holes have now also been received. The Company is pleased to report additional significant gold (Au) intersections in a number of the holes drilled at both the Trench 31 and the recommenced Boundary Gate areas at Sorpresa.

- **→** Trench 31 and its SW extension areas, 8 previously drilled holes had assays completed and are now reported
  - Fi 160 & Fi 161 had additional minor Au intersections and significant silver (Ag) intersections (Highest was 2m @ 158g/t Ag for Fi 160). Both holes finished in Au mineralisation
  - Hole Fi 156, with a high grade intersection of 4m @ 18.3g/t Au, as part of two intervals, is now the second best hole drilled at Fifield to date
- **▶** Boundary Gate Area (located 600m NE from Trench 31 area) recommenced drilling
  - 8 holes have been drilled, and assays received on 4 holes. Each hole intersected Au
  - Hole Fi 165 produced a 43m interval of Au greater than 0.1g/t, including a best Boundary Gate result of 20m @ 2.14g/t Au. This result places Fi 165 in the top 10 holes drilled anywhere at Sorpresa to date

## Key New Results Received for the recent Percussion OHH drilling at Fifield

## Location - Trench 31 Area and SW extension Sorpresa

Note in the case of Fi 160 and Fi 161, the major Au intersections were previously reported (13<sup>th</sup> June 2012), however, they are included in the table below for context of the additional Gold and Silver (Ag) assays obtained subsequently.

Hole	Intersection details <sup>1</sup>	Including section
Fi 160	14m @ 21.9g/t Au from 34m and	
F1 100	12m @ 0.61g/t Au from 48m and 6m @ 93.8g/t Ag from 34m	2m @ 158g/t Ag from 36m
	16m @ 4.57g/t Au from 36m and	
Fi 161	4m @ 31.4g/t Ag from 36m and	
	4m @ 27.4g/t Ag from 46m	
Fi 156	6m @ 1.53g/t Au from 36m <u>and</u>	2m @ 2.81g/t Au from 38m <u>and</u>
11 150	6m @ 12.3g/t Au from 44m	4m @ 18.3g/t Au from 44m
Fi 163	16m @ 0.65g/t Au from 6m	

#### Location - Boundary Gate Area Sorpresa

Hole	Intersection details	Including section
Fi165	20m @ 2.14g/t Au from 22m	10m @ 3.82g/t Au from 24m
Fi168	8m @ 1.81g/t Au from 32m	
Fi170	10m @ 1.03g/t Au from 44m	2m @ 2.99g/t Au from 50m

The Appendices 1, 2, 3 & 4 provide maps and full assay details for holes in this reporting period (highlighted in yellow).

Au was determined by fire assay method AA22 & AA26 on 50g subsample charge with AAS finish at ALS Laboratories

#### The Executive Chairman, John Kaminsky, keenly remarked:

"Despite poor weather conditions we have had a fairly continuous stream of drilling results coming from a range of the project areas now and we are seeing gold in most holes to date. Hole Fi 156 at Trench31 area was our second best hole in our total drilling at Sorpresa. The interval of **4m** @ **18.3g/t Au** was excellent and we continue to see high grade which is pleasing. The high silver results in Fi 160 and Fi 161 are consistent with some of the results we have had at Sorpresa elsewhere, particularly the Roadside Area.

The recommencement of drilling at Boundary Gate location produced a fabulous result in Fi 165, including **20m** @ **2.14g/t Au from 22m** which is now our best hole in that location. We had not drilled there since 2011, and we will be following up Boundary Gate and all our areas at Sorpresa over the coming months, looking to build resource figures.

Let's not forget that Boundary Gate is at an early stage of assessment and is 600m NE of Trench 31 area. We have a large Au expression at Sorpresa and each area with known gold has the potential to grow substantially.

The Company also commenced its first scout traverses at Yoes Lookout, 5km to the East of Sorpresa. The geological setting is quite different, and we are just getting orientated with this first percussion program, but we are encouraged by the show of Au in each of the two holes returned to date."

#### The Head of Exploration, Colin Plumridge, reflected:

"Drilling results at Sorpresa continue to reinforce my strongly held view that the wider Fifield district, of which we are just looking at the periphery with Sorpresa, offers the probability of an extremely significant disseminated gold system operating at Fifield.



Whilst we continue our delineation drilling work at Sorpresa in the 0 to 60m zone, my recent reconnaissance field work has focused on the interpreted

Rift Basin geology and the black silica gold receptive horizon on a much larger scale. Originally, I viewed the wider Au mineralised potential as 4km<sup>2</sup>, but based on my updated assessment, I think it could easily be double this, at 8km<sup>2</sup>.

The potential of the Rift Basin centre geology to host multi million ounces of gold is being taken very seriously. The gold mineralization seen at Sorpresa is reflective of a much greater underlying system, the evidence points strongly in this direction. I feel extremely encouraged and excited by the discovery process as it is unfolding and I look forward to updating our progress in the following months."

#### Additional Notes on Recent Percussion Drilling, including Yoes Lookout

- **→** The Au mineralization remains open in many directions and is being pursed in the various locations
  - The next 50 hole program of percussion holes has been planned and commences next week
- → The drilling depths were generally between 40m to 60m, with **857m of new drilling** being completed since the last report date of 13<sup>th</sup> June 2012. This was despite poor weather conditions generally in the period.
  - At the Boundary Gate Area 8 holes were drilled
  - Yoes Lookout Area (5km east of Sorpresa) first scout traverse had 8 holes drilled. **Two holes have been** assayed and both returned minor Au intersections. This is considered encouraging.
  - Assays are still pending (9 holes) from both these locations

#### **Recent Sorpresa Information Thread**

The Company provides a **hyperlink thread** of the Sorpresa Gold Mineralisation area of recent ASX and video materials as follows:

- ASX June 13<sup>th</sup> 2012 High Grade Gold Intersection Sorpresa Project Fifield NSW
- 2. ASX May 28<sup>th</sup> 2012 Sorpresa Gold Project has Increased Potential at Depth
- 3. ASX April 30<sup>th</sup> 2012 Quarterly Exploration Activities March 2012

- 4. ASX January 31<sup>st</sup> 2012 (Quarterly Exploration Activities December 2011)
- 5. ASX January 2012 Sorpresa Gold Project Trench 31 Area Review Video
- 6. ASX 28th November 2011 AGM Exploration Presentation Including Key Summary Assay results of Sorpresa
- 7. Rimfire Website Summary Brief history of Sorpresa Mineralisation discovery and style (to September 2011)
- 8. ASX Assays Confirm Significant Gold and Silver at Sorpresa Project 6<sup>th</sup> July 2011

## **Metal Prices**

As at 24<sup>th</sup> July 2012, the approx. prices (<u>Kitco.com</u>) for metals in New York based on opening Ask in USD were as follows:

Gold	\$1,582/oz
Platinum	\$1,381/oz
Silver	\$27/oz

JOHN KAMINSKY Executive Chairman

The information in the report to which this statement is attached that relates to Exploration Results is compiled by Mr Colin Plumridge, who is a Member of The Australian Institute of Mining and Metallurgy, with over 40 years experience in the mineral exploration and mining industry. Mr Plumridge is employed by Plumridge & Associates Pty. Ltd. and is a consulting geologist to the Company. He has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which is being undertaken to qualify as Competent Persons as defined in the 2004 edition of the "Australian Code for Reporting of Mineral Resources and Ore reserves". Mr Plumridge consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**APPENDIX 1** 

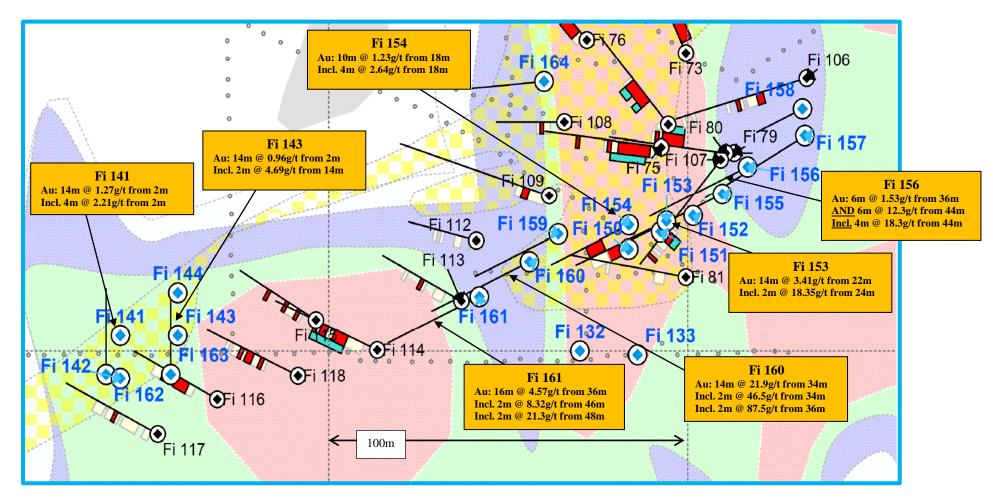
New (2012 - Blue Colour) Completed OHH Drilling Collar Hole Locations at Tr31 Area Sorpresa (On background of 2011 RC Drilling on soil Au geochemistry) Soil Geochemical Backdrop Bedrock Geochemistry 542,500 mE October 2010 Trench New Hole ID: Open Hole Hammer Confirmed Bedrock Gold > 25 ppb 31 Bedrock Work Mineralisation from Shallow Auger Drilling 9m width at 4.9g/t ( Hole ID - previously reported > 12 ppb (>50 ppb contour) Collar Location Auger Hole > 7 ppb at surface > 5 ppb Significant Gold Intersection (red box) projected vertically Alluvium (obsucring to surface residual soil) Significant Silver (blue box) **3**00m ≥4 g/t Lower Grade Halo Gold intersection (cream box) 0.05 g/t to 0.2 g/t Au Fi 149
Fi 146 SW Sorpresa Gold Target 6,368,200 mN **Zones Drilled March-June 2012** - New Holes in Blue Scout Scout **Scout** 150m 6,368,100 mN Rimfire Pacific Mining NL Scout Plan Projection of RC Drilling With bedrock gold geochemistry from auger program and soil gold interpretation backdrop and New Completed Drillhole locations Area 1- South Sorpresa Fi 134 A072\_58

**Scout** 

APPENDIX 2

Close up of New (2012 - Blue Colour) Completed OHH Drilling Collar Hole Locations at "Tr31 Area" Sorpresa with Previous RC Drilling (2011 - Black)

(Shown against Gold in Bedrock Auger Zones and Soils previously established)

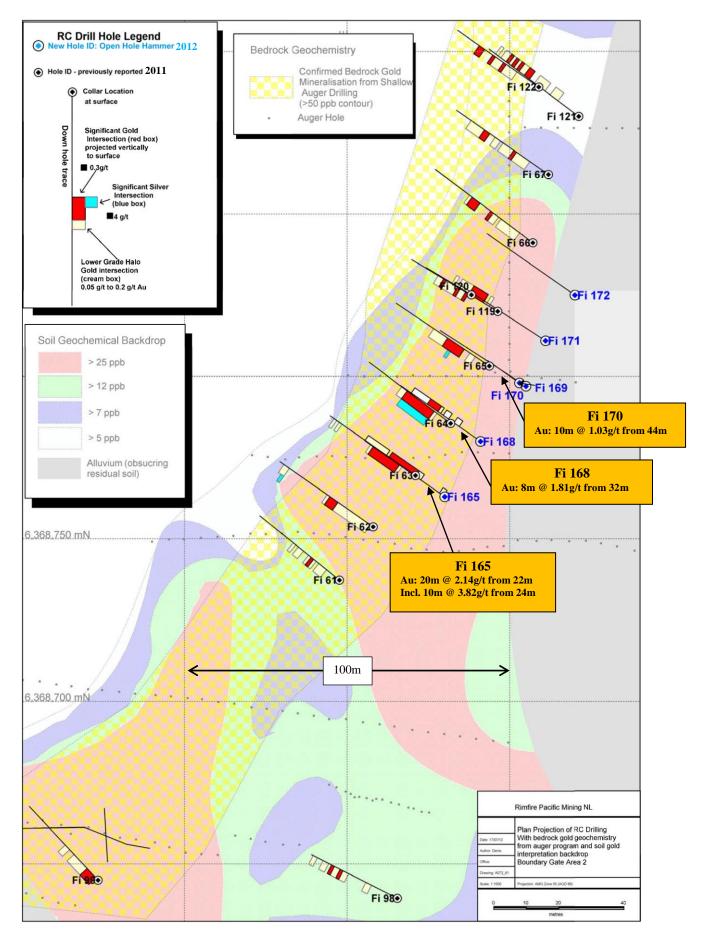


Note that only **new hole** (2012) **assays** of significance are shown, namely **Fi141**, **Fi143**, **Fi154**, **Fi156**, **Fi160** & **Fi161**. Assays are not yet received on a number of **new holes**. All key assay results from previous holes (2011) can be found at the hyperlink ASX 28th November 2011 **AGM Exploration Presentation** – **Including Key Summary Assay results 2011 of Sorpresa** 

APPENDIX 3

New (June 2012 - Blue Colour) Completed OHH Drilling Collar Hole Locations at "Boundary Gate Area" Sorpresa

(On background of 2011 RC Drilling on soil Au geochemistry)



# APPENDIX 4 (page1)

# Completed Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 13 June 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD)	Dip	Grid Azimuth (°)	Depth	Area Number	Area Name	<u>Gold</u> Section Result	Gold Section Depth From	<u>Silver</u> Section Result	Silver Section Depth From	1	assayed to e <u>Gold</u>
(units)	(m)	(m)	(m)	(°)	(°)	(m)				(m)		(m)	(m)	(%)
Fi 153	6368237	542488	291	-59.5	246	54	EA1	T-31	14m @ 3.41g/t	22	NA		54	100
								incl.	2m @ 3.14g/t	22				
								incl.	2m @ 18.35g/t					
								and	4m @ 0.12g/t	38				
Fi 154	6368236	542478	291	-61.7	245	50	EA1	T-31	10m @ 1.23g/t	18	NA		50	100
								incl.	4m @ 2.64g/t	18				
Fi 155	6368244	542504	291	-60	245	60	EA1	T-31	2m @ 0.34g/t	30	NA		60	100
								and	2m @ 0.14g/t	32				
								and	2m @ 0.1g/t	38				
									<u> </u>					
Fi 156	6368251	542511	291	-60	245	60	EA1	T-31	6m @ 1.53g/t	36	NA		60	100
200								incl.	2m @ 2.81g/t	38				
								and	6m @ 12.31g/t	44				
								incl.	4m @ 18.3g/t	44				
								ilici.	4111 @ 10.3g/t	44				
Fi 157	6368259	542527	291	-59	240	62	EA1	T-31	2m @ 0.17g/t	40	NA		62	100
11137	0308233	342327	231	-55	240	02	LAI	and	2m @ 0.32g/t	42	INA		02	100
								and	4m @ 0.1g/t	50				
								and	2m @ 0.26g/t	60				
								anu	2111 @ 0.26g/t	60				
Fi 158	6368262	542532	291	-60	245	28	EA1	T-31 SW	NS		NA		28	100
FI 136	0300202	542552	291	-60	245	20	EAI	1-31 300	IVS		INA		20	100
F: 1F0	6268220	F42464	202		245	F1	FA1	T 21 CW	4	0	NIA		51	100
Fi 159	6368230	542464	292	-60	245	51	EA1	T-31 SW	4m @ 0.37g/t	0 14	NA		51	100
								and	6m @ 0.41g/t					
								and	4m @ 0.17g/t	20				
5: 460		540456	222				514	7.04.604		2.1		2.1		100
Fi 160	6368223	542456	292	-60	245	60	EA1	T-31 SW	14m @ 21.84g/t	34	6m @ 93.8g/t	34	60	100
								incl.	2m @ 46.5g/t	34	and 8m @ 10.1g/t	40		
								incl.	2m @ 87.5g/t					
								incl.	8m @ 4.37g/t	38				
								incl.	2m @ 1.5g/t	46				
								and	*12m @ 0.61g/t	48				
Fi 161	6368214	542442	292	-60	245	56	EA1	T-31 SW	16m @ 4.57g/t	36	4m @ 31.4g/t	36	56	100
								incl.	4m @ 1.77g/t	36	and 4m @ 27.4g/t	46		
								incl.	2m @ 1.56g/t	44				
								incl.	2m @ 8.32g/t	46				
								incl.	2m @ 21.3g/t	48				
								incl.	2m @ 1.1g/t	50				

# **APPENDIX 4 (page2)**

# Completed Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 13 June 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD)	Dip	Grid Azimuth (°)	Depth	Area Number	Area Name	Gold Section Result	Gold Section Depth From	<u>Silver</u> Section Result	<u>Silver</u> Section Depth From	l	ssayed to
(units)	(m)	(m)	(m)	(°)	(°)	(m)				(m)		(m)	(m)	(%)
								and	4m @ 0.28g/t	52				
Fi 162	6368194	542356	290	-60	0	38	EA1	T-31 SW	*3m @ 0.25g/t	1	NA		38	100
								and	2m @ 0.17g/t	8				
								and	2m @ 1.65g/t	10				
								and	8m @ 0.21g/t	12				
Fi 163	6368194	542356	290	-60	0	38	EA1	T-31 SW	16m @ 0.65g/t	6	NA		38	100
Fi 164	6368269	542460	292	-60	265	40	EA1	T-31	8m @ 0.13g/t	8	NA		40	100
Fi 165	6368763	542930	0	-60	305	60	EA1	Boundary Gate	*3m @ 0.15g/t	1	NA		60	100
								and	4m @ 0.2g/t	18				
								and	20m @ 2.14g/t	22				
								incl.	10m @ 3.82g/t	24				
								and	*8m @ 0.18g/t	40				
								and	*8m @ 0.11g/t	52				
Fi 166	6367271	548714	257	-60	85	60	EA11	Yoes Lookout	*4m @ 0.25g/t	8	NA		60	100
								and	*4m @ 0.3g/t	28				
Fi 167	6367269	548701	257	-58	85	60	EA11	Yoes Lookout	*3m @ 0.21g/t	1	NA		60	100
								and	*4m @ 0.3g/t	4				
Fi 168	6368780	542941	292	-60	305	60	EA1	Boundary Gate	2m @ 0.12g/t	30	NA		60	100
								and	8m @ 1.81g/t	32				
								and	2m @ 0.12g/t	40				
Fi 169	6368798	542953	292	-60	305	24	EA1	Davin dami Cata	Alas and a second ALA		NA		0	0
FI 169	6368/98	542955	292	-60	305	24	EAI	Boundary Gate	Abandoned NA		INA		0	0
Fi 170	6368797	542955	292	-60	303	63	EA1	Boundary Gate	2m @ 0.17g/t	40	NA		38	60
FI 1/0	6368/9/	342933	292	-60	303	65	EAI	and	10m @ 1.03g/t	44	INA		38	60
								and incl.	2m @ 2.99g/t	50			$\vdash$	1
								and	2m @ 0.13g/t	56				1
							<del>                                     </del>	unu	ZIII @ 0.10g/t	30			<b>-</b>	1
							<del>                                     </del>							1
Fi 171	6368811	542961	292	-60	303	66	EA1	Boundary Gate	2m @ 0.1g/t	24	NA		24	36
.11/1	3300011	372301	232		303	"	L/\1	and	2m @ 0.69g/t	28	14/1			55
								and	4m @ 0.44g/t	46				
								and	2m @ 0.17g/t	52				
								*****						
Fi 172	6368825	542970	292	-60	305	66	EA1	Boundary Gate	Pending				0	0

## **APPENDIX 4 (page3)**

# Completed Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 13 June 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD)	Dip	Grid Azimuth (°)	Depth	Area Number	Area Name	Gold Section Result	Gold Section Depth From	<u>Silver</u> Section Result	Silver Section Depth From		ssayed to <u>Gold</u>
(units)	(m)	(m)	(m)	(°)	(°)	(m)				(m)		(m)	(m)	(%)
Fi 173	6367267	548688	257	-60	085	60	EA11	Yoes Lookout	Pending				0	0
Fi 174	6367265	548674	257	-60	085	60	EA11	Yoes Lookout	Pending				0	0
Fi 175	6367263	548661	257	-60	085	35	EA11	Yoes Lookout	Pending				0	0
Fi 176	6367262	548648	257	-60	085	60	EA11	Yoes Lookout	Pending				0	0
													_	_
Fi 177	6367261	548636	257	-60	085	60	EA11	Yoes Lookout	Pending				0	0
Fi 178	6367263	548694	257	-60	265	being	EA11	Yoes Lookout						
11178	0307203	348034	237	-00	203	drilled	LAII	TOES LOOKOUT						
Fi 179	6368746	542919	291	-60	305	63	EA1	Boundary Gate	Pending				0	0
								·						
Fi 180	6368744	542925	292	-60	305	60	EA1	Boundary Gate	Pending				0	0
	Total Metres	Drilled since la	st report (Fi 16	5 onwards)		857			* indicates 4m composite included in interval					

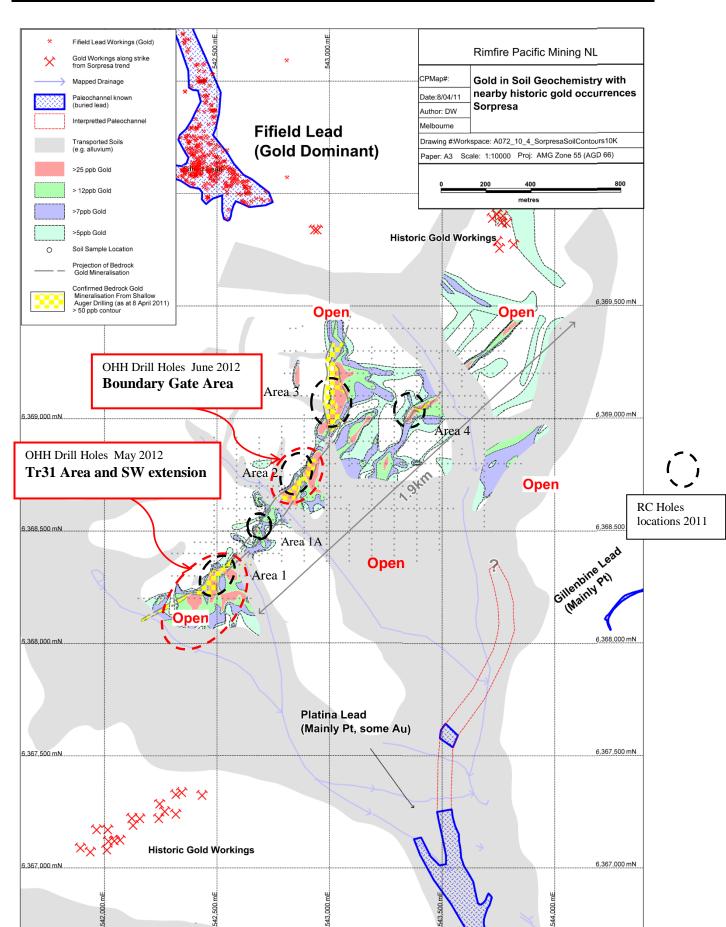
<u>Legend</u>: **NS** = No section in Hole; **Pending** = Assays not yet received; **T31** = Trench 31 wider area; **NA** = No Assays performed

**Method**: Samples were individually rolled, then composited on 2m intervals (unless otherwise stated). Subsampled (2kgs) then despatched to ALS laboratories. Fire assay Method AA22 and AA26 were performed on 50g subsamples.

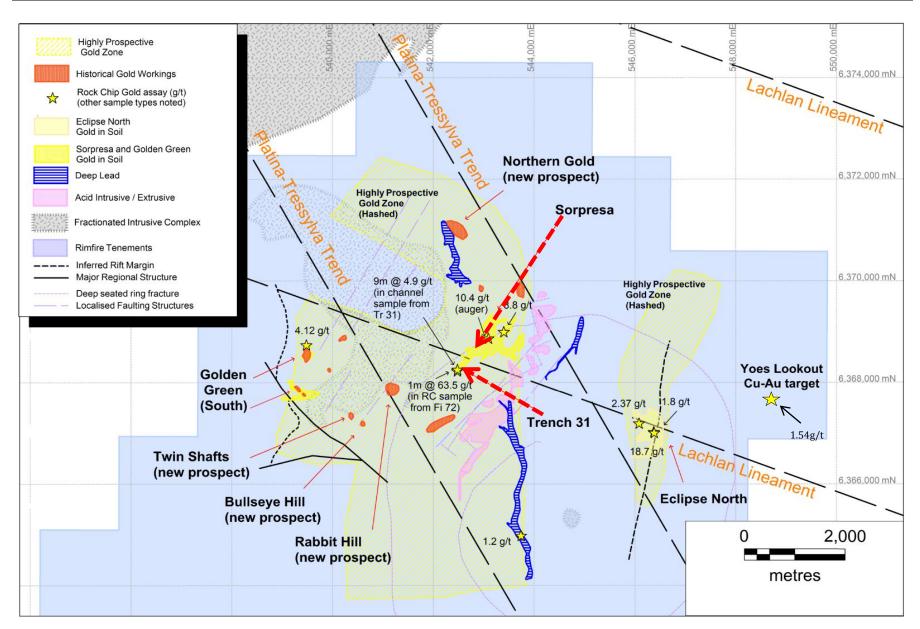
Appendix 5

Percussion Drill Locations Sorpresa 2011 and 2012

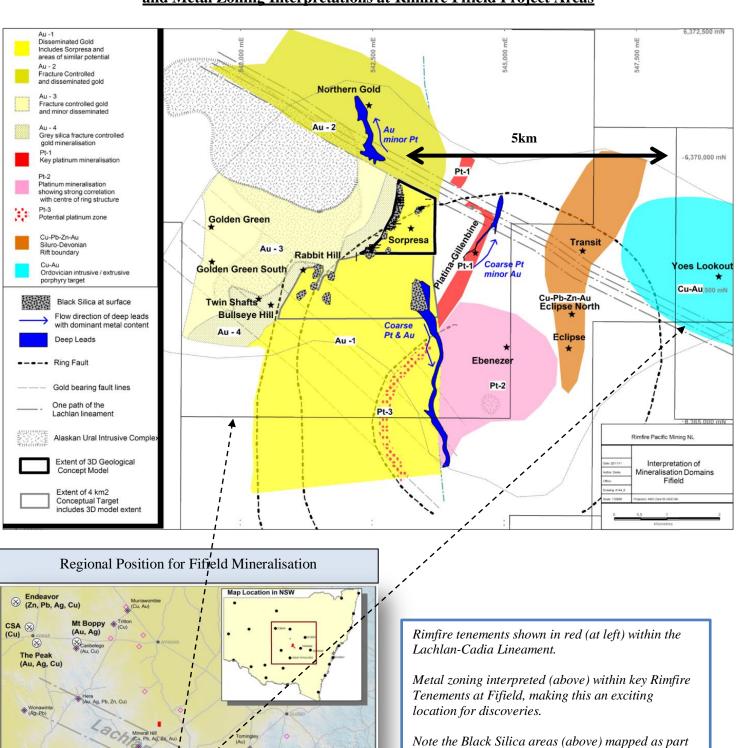
Sorpresa Gold in Soil Anomaly Context – Untested Areas and Adjacent Historic Au Workings



<u>APPENDIX 6</u>
EL5534 The Sorpresa Area Anomalous Gold Zone – within the wider Fifield Gold Observations "Some" New Prospects Highlighted



Appendix 7
Project Locations at Fifield NSW within Lachlan-Cadia Lineament and Metal Zoning Interpretations at Rimfire Fifield Project Areas



Cadia

(Ni, Co)

 Major Metallic Mines

 Significant Projects and Prospects

 Other projects with resources

of the Au receptive horizon inferred