



18<sup>th</sup> December 2012

Company Announcements Platform  
Australian Securities Exchange

## **Sorpresa Project Produces More Encouraging Results**

### **- Intersection of 2020g/t Silver in fresh rock coincident with IP anomaly**

Assays are reported for the Sorpresa Gold and Silver Project, encompassing percussion **drilling of approx. 2,400m in 26 holes (Fi 217 to Fi 244)**, focused on Roadside and Trench 31 SW locations. Every hole was mineralized, most with intersections of note. Refer to **Appendices** for all details.

The Silver dominant Roadside location and its new extensions are now confirmed as highly mineralized over an extensive area. The mineralization appears directly related to the known IP anomaly there.

## **Summary of Key Results and Drilling Activities at Sorpresa**

- ❑ **At the Roadside location, drill hole Fi 241 has produced the highest grade intersection for Silver seen to date within the Sorpresa Project at any location, exceeding Fi 214 (previously reported 5<sup>th</sup> November)**
  - **10m @ 535g/t silver (Ag)<sup>1</sup> from 70m, including 2m @ 2020g/t silver (Ag) AND 2m @ 351g/t Ag**
    - There is a coincident gold intersection of 10m @ 1.01g/t Au<sup>2</sup> from 70m
    - The intersection occurred in fresh rock within the projected IP chargeability response
  - Hole 241 is located more than 100m east of hole Fi 214
  - All 8 holes drilled at Roadside East encountered mineralization, including the fresh rock zone
  - Hole Fi 228 had the highest individual gold grade in this round of drilling
    - 16m @ 5.32g/t Au from 36m, including **2m @ 38.2g/t Au AND 20m @ 81g/t Ag from 34m**
- ❑ **Northern Roadside located 300m North of hole Fi 214 represents an important new mineralization zone**
  - **Hole Fi 221 assayed 12m @ 394g/t silver (Ag) from 24m, including 2m @ 932g/t silver (Ag) AND 2m @ 580g/t Ag AND 2m @ 400g/t Ag**
  - In total 7 new holes were drilled to test for mineralization associated with the IP anomaly and geochemistry
    - Silver assays have confirmed previous field observations
    - Associated gold credits were present, at grades, generally lower than 1g/t Au.
    - Intersections were encountered in each hole and within the fresh rock zone for deeper drilling
- ❑ **Cross sections of the assay results at the two Roadside locations reflect sizeable coherent mineralization shapes of significant thickness and length, open in direction**
- ❑ **Trench 31 (TR31) Location drill assays on the SE extensions provided further gold intersections**
  - The best hole was Fi 217 with 8m @ 2.11g/t Au from 46m AND 10m @ 1.68g/t Au from 58m
  - Hole Fi 236 provided a high grade of 2m @ 10.8g/t Au from 66m
  - Sections will be developed at a later date, when time is available.
- ❑ **Of the approx. 2,400m drilled and assayed every hole was mineralized, intersections below the base of oxidation were common in deeper drilling**
- ❑ **An additional 1,566m of Percussion Drilling has been completed, samples await dispatch for assay**
  - Scout Discovery drilling on prospects north and south of Sorpresa was conducted
    - Potentially important alteration minerals were noted in some holes to the South
  - Drilling connecting Northern Roadside to Roadside area was done
    - **Field observations (XRF) have identified mineralization intersections in this location**

<sup>1</sup> Ag was determined by aqua regia digest methods ME-ICP41 (<100ppm) and Ag-OG46 (>100ppm) on 50g subsample charge at ALS Laboratories

<sup>2</sup> Au was determined by fire assay method AA26 on 50g subsample charge with AAS finish at ALS Laboratories

**The Executive Chairman, John Kaminsky, remarked:**

“The Roadside location assays received in the current round of reporting confirm the important and expanding potential shown in this silver dominant part of the Sorpresa Project area.

As the best drill hole in the latest sequence, Fi 241 with **10m @ 535g/t silver (Ag) from 70m, including 2m @ 2020g/t silver (Ag)**, and located 100m to the east of hole Fi 214, demonstrates again that spectacular grade is available.

Based on positive soil and auger geochemistry, and observing that this was also coincident with the near surface position of the IP chargeability, the new Northern Roadside location (300m north of Fi 214) was seen as prospective for drilling. The results of the drilling exceeded our expectations, with silver in high grades and widths including Hole Fi 221 assaying **12m @ 394g/t silver (Ag) from 24m, including 2m @ 932g/t silver (Ag)**.

It has become obvious quite quickly at the Roadside location, that we now have a very extensive area growing rapidly, containing excellent grades, all in a greenfield with no prior workings. Gold and silver mineralization is present in the oxide zone and the fresh rock, with solid sections of good width, typically 20m or so, all aligned spatially to the large IP anomaly.

We have also just drilled a connecting series of holes between Roadside and Northern Roadside using fairly wide spacing. Field observation suggests all holes are mineralized, a number with likely intersections, based on XRF, so we await these assays in the New Year with great interest.

The year has finished on a very positive note, capping off a great period for the Company and we look forward to 2013 with eager anticipation.”

**The Head of Exploration, Colin Plumridge, expanded:**

“Another spectacular round of drilling has been completed. Silver mineralization with gold credits is being encountered regularly, providing high quality intersections at Roadside and progress at Trench 31, albeit not the major focus of this latest round of drilling.

Whilst it is easy to simply focus on the excellent silver grades being seen, it should be noted that we again have some decent associated gold values, **including 2m @ 38.2 g/t Au in hole Fi 227**. We are seeing the silver and gold positions differ across Sorpresa, particularly at Roadside, and as we continue our work, we will gain a better understanding of the distribution of the two metals.

The latest Roadside drilling has provided an excellent preliminary test of the IP chargeability response in these areas, where the chargeability values trend closer to surface. Frankly, it is hard to imagine a much better outcome in these results. We are seeing a clear basis for chargeability, including graphite, pyrite and sulphide mineralization all associated with the key mineralization, including the fresh rock zone. This demonstrates the connection beyond reasonable doubt of the mineralization to the IP anomaly.

Whilst this is very encouraging, we still need to carefully explore the IP anomaly and meticulously and carefully locate the mineralization specifically within the IP anomaly and its area of influence. The IP response cannot be seen purely as a simple means to a seamless tracking of the mineralization, without continuing to work hard for the best positions for the mineralization to occur.

We still need to learn the lessons of how the gold and silver mineralization sits exactly with the IP anomaly on a wider scale, remembering that the anomaly is substantial in size, and the IP survey has by no means covered the target area for mineralization exhaustively. Nevertheless, we now have an important vector to pursue, and this will be factored into our planning.

You need to take careful note that the discovery at Northern Roadside in this round of drilling was progressed very rapidly, producing great results, essentially on a scout program. It was underpinned by excellent preliminary field work and modeling to the known IP response in that location. An outstanding outcome, and increases the prospective ground to the north of this new location, as well as making the connection to the original Roadside location. This all occurs just under your feet!

These results take the Company to another level. The IP is validated, there is no shortage of high grades of gold and silver from our drilling programs. The cross sections on the mineralization look substantial and coherent, with nice shape and accessibility indicated. The shapes and orientation we are seeing are in harmony with our 3D geological model, certainly at this stage.

In addition to the delineation work on the known mineralization, my discovery programs at various locations in the wider district will be rolling out during 2013, so I could not be more delighted with the year immediately past and the prospects looking forward. It will be a very exciting year.”

### **Additional Comments on Recent Drilling in relation to the IP Anomaly**

Drilling concentrated on extensions to the previously reported Roadside Location within the Sorpresa Project including testing of parts of the higher chargeable response (at shallow depths) from the IP survey conducted earlier in the year.

Metasediments were encountered with high sulphide content and also graphite both of which would produce highly chargeable responses from an IP survey. The sulphides are thought to be emplaced by a large hydrothermal event (although petrological study is required to confirm field observations). The gold and silver mineralization occupies a structurally controlled position in this rock mass containing sulphides and graphite.

The mineralization can be found within or on the periphery of the highly chargeable zone as it is likely part of the same hydrothermal event. (This is relevant to understanding what the greater untested higher chargeable IP response represents with respect to gold and silver mineralization.)

As already mentioned, extremely high grades of silver were encountered in drilling the targeted Roadside location mineralization extensions, that lead into the highly chargeable zone (East of Roadside). As mentioned, Fi 241 returned stunning silver grades of up to 2m @ 2,020 g/t of silver in association with lower (but significant) gold grades (10m @ 1.01 g/t Au). This drilling was identified down dip at around 250 metres from the mineralization that breaks surface at Roadside. The highest gold grade in this drilling round, Hole Fi 227 with 2m @ 38.2 g/t gold, is presented on a cross section between previously reported Fi 212 (which returned 2m @ 112 g/t gold) and hole Fi 241.

Drilling to the Northern Roadside area encountered further strong silver and significant gold mineralization and has extended the likely strike of the Roadside mineralization to over 300 metres. The drilling was conducted to test the shallowest IP response in vicinity of obviously mineralized outcrop, which was mapped recently and confirmed with geochemistry prior to drilling.

The two cross sections presented (Appendix 1A and 1B) show the position of the 14 mv/V chargeable response with respect to gold and silver mineralization. Noteworthy is that the mineralization encountered in the drilling does not occupy the central part of the peak IP response (this is not unusual), however, the dip trend of gold and silver mineralization appears to be closely associated with the dip trend of the IP response.

To summarise, the IP response identifies the area where the exploration focus will be likely greatly rewarded, acting as a vector on the mineralization position. The IP also provides clues to the potential strike and dip of the mineralization associated with the high IP chargeability.

The excellent results returned from limited drilling undertaken to date in this very small part of the entire IP response that is known, suggests that systematic drilling will translate into more successful mineralization intersections. However, the mineralization still needs to be located, so this requires further work and a continued solid exploration approach.

### **Recent Sorpresa Information Thread**

The Company provides a **hyperlink thread** of the Sorpresa Gold Mineralisation area of recent ASX and video materials as follows. The thread provides important views previously expressed, that will assist the reader with understanding the Company's technical consideration and outlook for the work it is undertaking:

1. ASX November 22<sup>nd</sup> 2012 [Presentation for 2012 AGM](#)

2. ASX November 5<sup>th</sup> 2012 [Best Silver Grades to Date Seen at Sorpresa Project Area](#)
3. ASX October 10<sup>th</sup> 2012 [Highest Gold and Silver Grades seen to date at Sorpresa Project](#)
4. ASX September 17<sup>th</sup> 2012 [First Gold Sections Created at Sorpresa Project – New Assay Results](#)
5. ASX August 31<sup>st</sup> 2012 [New Gold in Soil Zones Located 4km South of Sorpresa](#)
6. ASX July 31<sup>st</sup> 2012 [Quarterly Exploration Activities June 2012](#)
7. ASX July 26<sup>th</sup> 2012 [Successful Intersections at Sorpresa Gold Project](#)
8. ASX June 13<sup>th</sup> 2012 [High Grade Gold Intersection Sorpresa Project – Fifield NSW](#)
9. ASX May 28<sup>th</sup> 2012 [Sorpresa Gold Project has Increased Potential at Depth](#)

A video link is provided to a [3D model of the IP Anomaly at Sorpresa \(click here\)](#).

10. ASX April 30<sup>th</sup> 2012 [Quarterly Exploration Activities March 2012](#)
11. ASX January 31<sup>st</sup> 2012 ([Quarterly Exploration Activities December 2011](#))
12. A video link is provided [January 2012 Sorpresa Gold Project – Trench 31 Area Review Video](#)
13. ASX 28<sup>th</sup> November 2011 [AGM Exploration Presentation – Including Key Summary Assay results of Sorpresa](#)
14. Rimfire Website Summary [Brief history of Sorpresa Mineralisation discovery and style \(to September 2011\)](#)
15. ASX [Assays Confirm Significant Gold and Silver at Sorpresa Project 6<sup>th</sup> July 2011](#)

### **Metal Prices**

As at 14<sup>th</sup> December 2012, the approx. trading prices ([Kitco.com](#)) for metals in New York based on opening Ask in USD were as follows:

Gold	\$1,697/oz
Platinum	\$1,1625/oz
Silver	\$32/oz

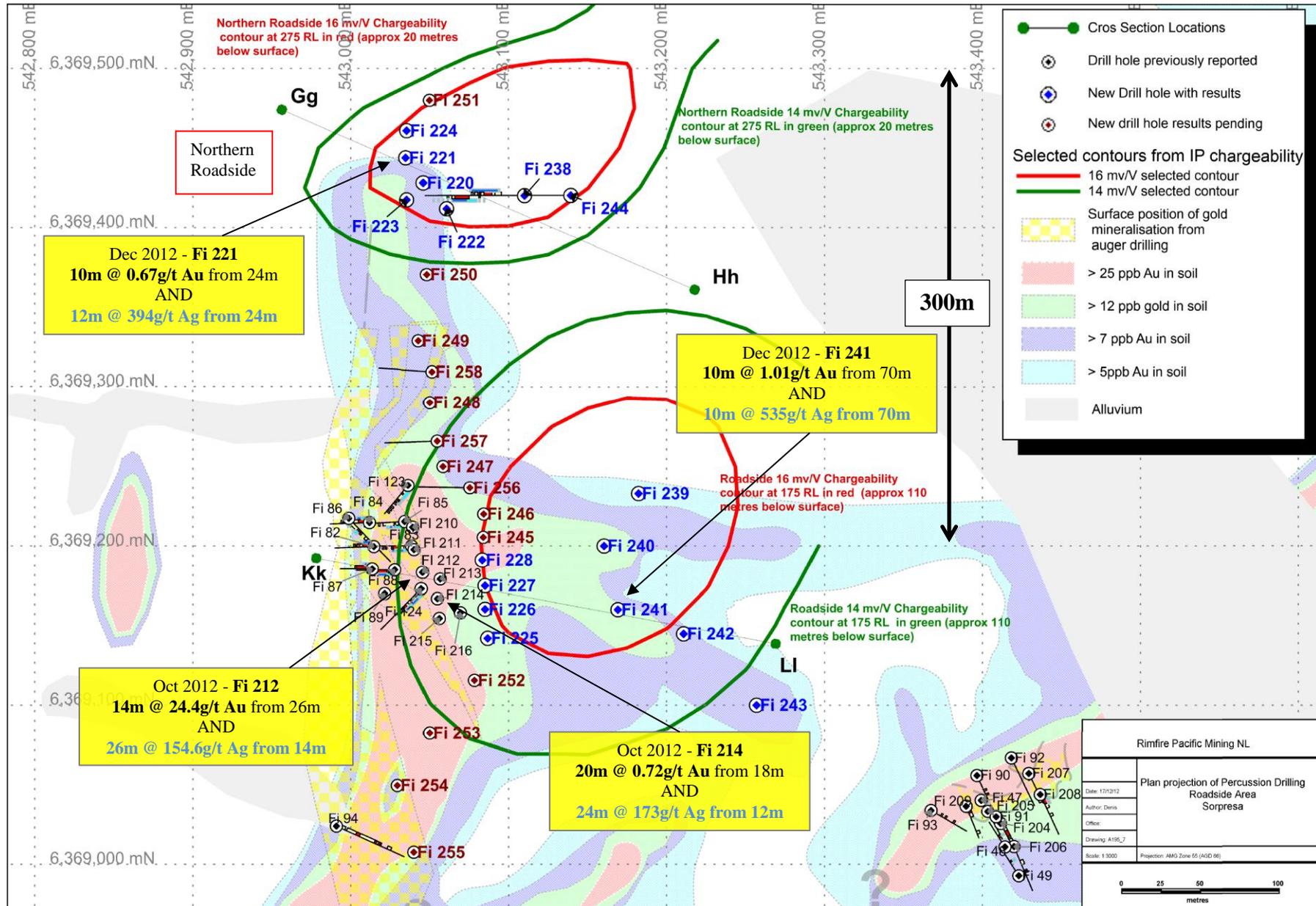


**JOHN KAMINSKY**  
Executive Chairman

*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.*

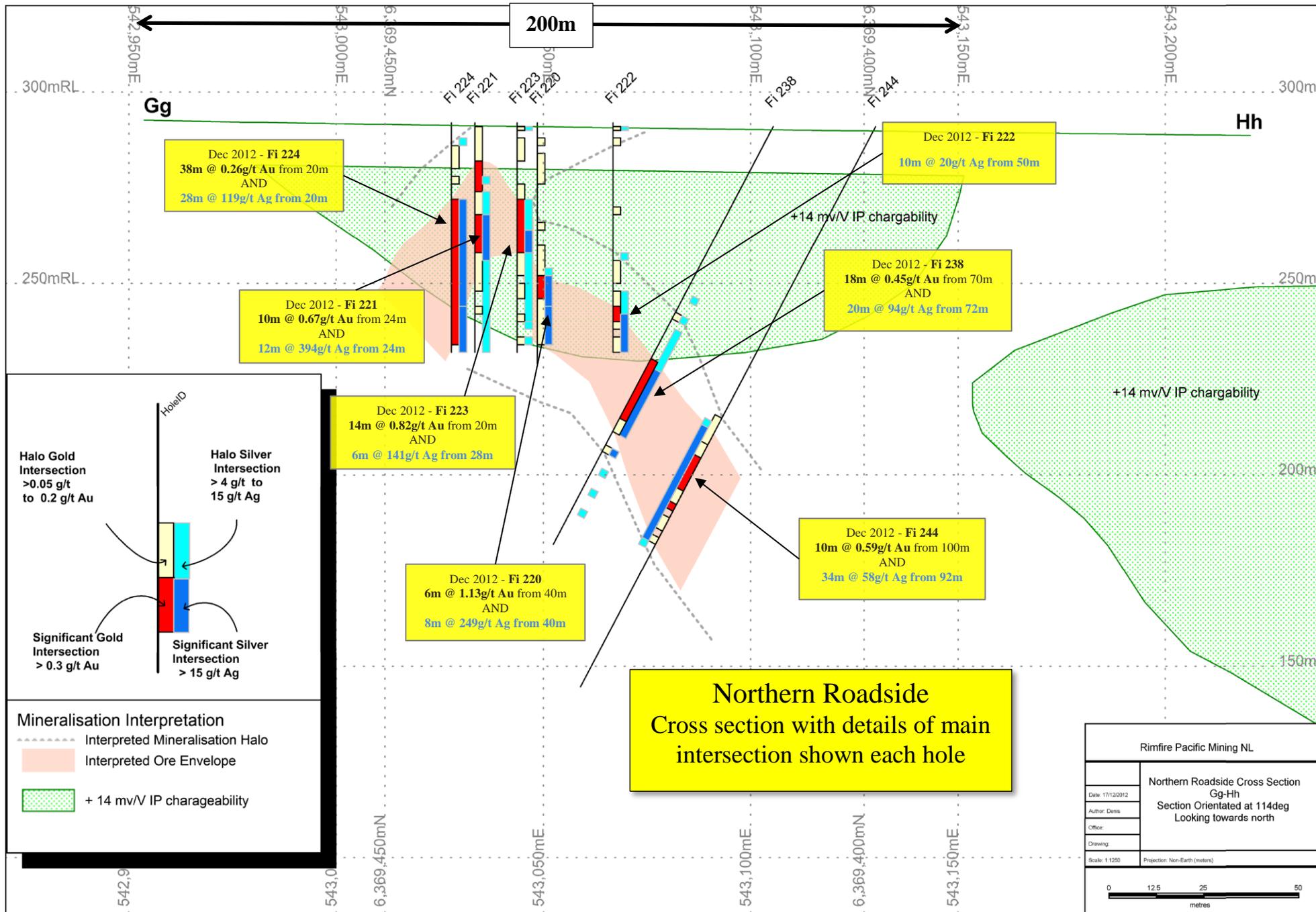
## APPENDIX 1

### Plan View Drilling Collar Hole Locations at “Roadside Area” Sorpresa Project Area with Previous Percussion Drilling Shown (On a backdrop of Gold in Bedrock Auger Zones and Soil Geochemistry previously established)



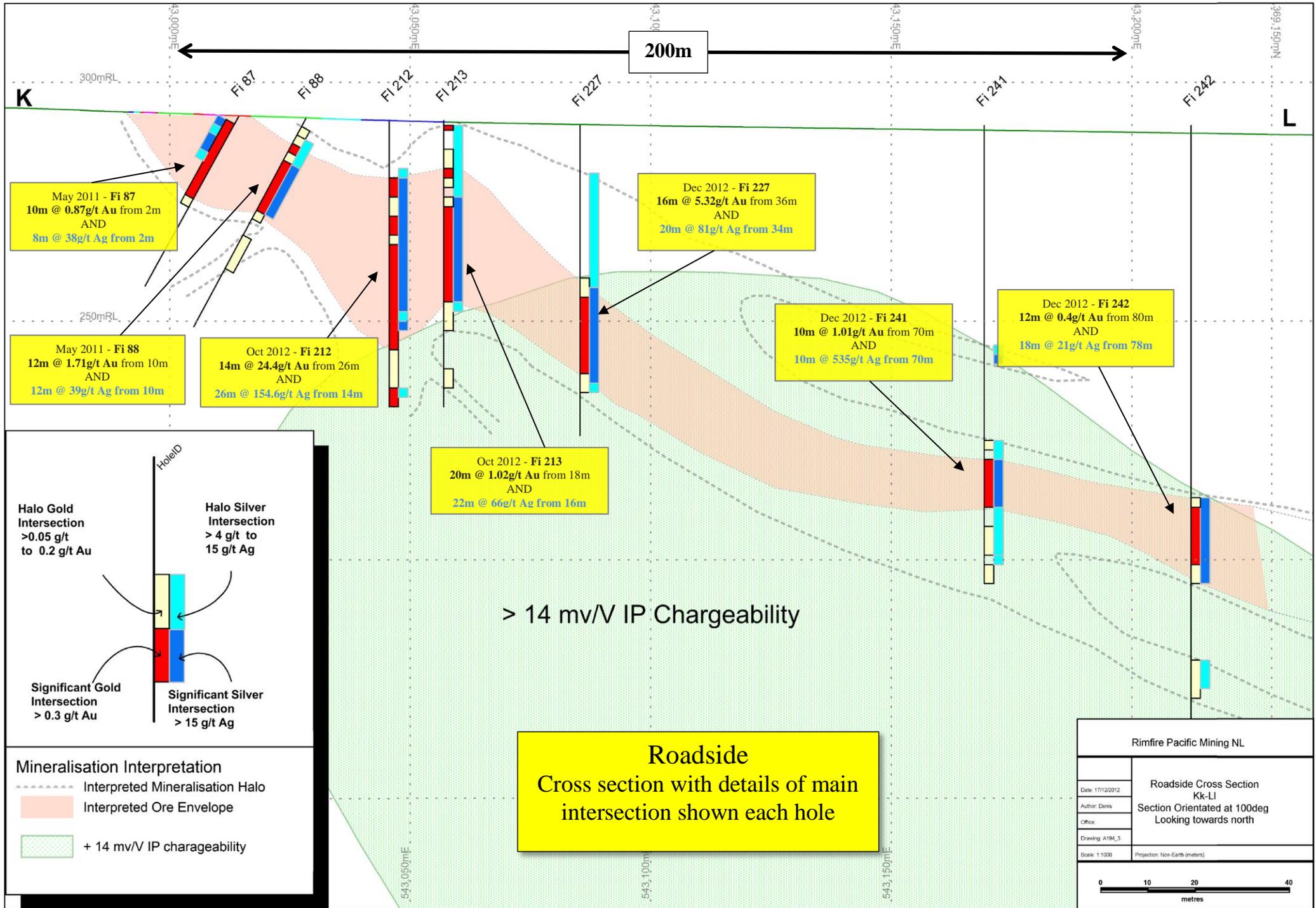
**Appendix 1A**

**Cross section Gg – Hh of Drilling at the Northern Roadside Area showing the best intersection on each hole**



# Appendix 1B

## Cross section K – L of Drilling at the Roadside Area to the East showing the best intersection for each hole



## APPENDIX 2

### Percussion OHH Drilling - Collar Location and Detailed Au and Ag Assays in g/t, since last report date 5<sup>th</sup> November 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD) (approx)	Dip	Grid Azimuth (°)	Depth	Drilling Type	Metres Assayed	Area Name	Gold Section Result	Gold Section Depth From	and silver	Silver Section Result	Silver Section Depth From
(units)	(m)	(m)	(m)	(°)	(°)	(m)					(m)			(m)
Fi 217	542438.4	6368179.2	291	-60	305	103	RC	40	Tr-31 SW	8m @ 2.11g/t Au	46			
									incl.	2m @ 6.7 g/t Au	52	with	2m @ 26 g/t Ag	52
									and	2m @ 0.16 g/t Au	54			
									and	10m @ 1.68g/t Au	58	incl.	4m @ 19 g/t Ag	60
									incl.	4m @ 3.2 g/t Au	58			
Fi 218	542450.8	6368170.4	291	-60	305	91	RC	22	Tr-31 SW	6m @ 1.54g/t Au	60	with	2m @ 24 g/t Ag	62
									incl.	2m @ 3.9 g/t Au	60			
									and	2m @ 0.12 g/t Au	70			
									and	2m @ 0.11 g/t Au	76			
Fi 219	542463.9	6368161	291	-60	305	89	RC	32	Tr-31 SW	4m @ 0.59g/t Au	68	with	2m @ 21 g/t Ag	70
									and	2m @ 0.4g/t Au	76			
Fi 220	543045.9	6369428	292	-90	0	63	OHH	57	Northern Roadside	2m @ 0.19 g/t Au	10			
									and	2m @ 0.15 g/t Au	14			
									and	2m @ 0.11 g/t Au	32			
									and	6m @ 1.13g/t Au	40	with	8m @ 249 g/t Ag	40
									and	2m @ 0.16 g/t Au	46	incl.	2m @ 223 g/t Ag	40
									and	2m @ 0.1 g/t Au	50	incl.	2m @ 450 g/t Ag	42
									and	4m @ 0.15 g/t Au	54	incl.	2m @ 264 g/t Ag	44
												and	10m @ 16 g/t Ag	48
Fi 221	543034.8	6369443.7	292	-90	0	60	OHH	59	Northern Roadside	6m @ 0.16g/t Au	2			
									and	8m @ 0.34g/t Au	10			
									and	2m @ 0.19 g/t Au	22			
									and	10m @ 0.67g/t Au	24	with	12m @ 394g/t Ag	24
												incl.	2m @ 300 g/t Ag	26
												incl.	2m @ 400 g/t Ag	28
												incl.	2m @ 932 g/t Ag	30
												incl.	2m @ 580 g/t Ag	32
									and	2m @ 0.23 g/t Au	42	and	24m @ 7 g/t Ag	36

Note: (1) Where Metres are not yet assayed for Fi 217 to Fi 244 these will be eventually assayed as 4m composites but are not considered particularly prospective for Au or Ag

**Legend:** NS = No section in Hole; Pending = Assays not yet finalised;  
Tr - 31 = Trench 31 wider area; NA = No Assays performed

**Method:** Samples were individually split on 1m intervals, then composited on 2m intervals (unless otherwise stated). Subsampled (2kgs) then despatched to ALS laboratories. Au Fire assay Method AA26 was performed on 50g subsamples. For Silver, methods ME-ICP61 (<100g/t Ag) and Ag-OG46 (>100g/t Ag), Aqua regia Digest were used.

**APPENDIX 2 (Cont.)**

**Percussion OHH Drilling - Collar Location and Detailed Au and Ag Assays in g/t, since last report date 5<sup>th</sup> November 2012**

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD) (approx)	Dip	Grid Azimuth (°)	Depth	Drilling Type	Metres Assayed	Area Name	Gold Section Result	Gold Section Depth From	and silver	Silver Section Result	Silver Section Depth From
(units)	(m)	(m)	(m)	(°)	(°)	(m)					(m)			(m)
Fi 222	543060.6	6369411.8	292	-90	0	60	OHH	59	Northern Roadside	2m @ 0.12 g/t Au	38			
									and	2m @ 0.15 g/t Au	46	and	6m @ 8 g/t Ag	44
									and	4m @ 0.42g/t Au	48			
									and	2m @ 0.13 g/t Au	52	and	10m @ 20 g/t Ag	50
									and	2m @ 0.13 g/t Au	56			
Fi 223	543035.5	6369417.3	292	-90	0	60	OHH	59	Northern Roadside	2m @ 0.14 g/t Au	8			
									and	4m @ 0.15 g/t Au	16	and	8m @ 6 g/t Ag	20
									and	14m @ 0.82g/t Au	20	and	6m @ 141 g/t Ag	28
									and	2m @ 0.17 g/t Au	38	incl.	2m @ 273 g/t Ag	32
									and	2m @ 0.11 g/t Au	44	and	18m @ 13 g/t Ag	34
									and	2m @ 0.13 g/t Au	50			
Fi 224	543035.5	6369460.7	292	-90	0	60	OHH	59	Northern Roadside	38m @ 0.26g/t Au	20	with	28m @ 119 g/t Ag	20
												incl.	2m @ 189 g/t Ag	22
												incl.	4m @ 301 g/t Ag	28
												incl.	4m @ 174 g/t Ag	40
												and	12m @ 17 g/t Ag	48
Fi 225	543086.6	6369142.1	292	-90	0	60	OHH	52	Roadside East	6m @ 3.85g/t Au	46	and	4m @ 16 g/t Ag	28
									incl.	2m @ 9.8g/t Au	48	and	12m @ 13g/t Ag	40
									and	4m @ 0.22 g/t Au	52			
Fi 226	543085	6369160.2	292	-90	0	60	OHH	58	Roadside East	2m @ 0.1g/t Au	30	and	14m @ 7 g/t Ag	12
									and	2m @ 0.11g/t Au	36	and	16m @ 19 g/t Ag	38
									and	2m @ 2.45g/t Au	42			
									and	2m @ 0.19 g/t Au	46			
									and	6m @ 0.9g/t Au	48			
Fi 227	543085	6369175	292	-90	0	65	OHH	52	Roadside East	4m @ 0.17 g/t Au	32	and	24m @ 6 g/t Ag	10
									and	16m @ 5.32g/t Au	36	and	20m @ 81 g/t Ag	34
									incl.	2m @ 38.2g/t Au	40	incl.	2m @ 413 g/t Ag	40
									and	4m @ 0.2 g/t Au	52			
Fi 228	543083.2	6369191.1	292	-90	0	63	OHH	62	Roadside East	10m @ 1.01g/t Au	32	and	28m @ 7 g/t Ag	4
									and	2m @ 0.17 g/t Au	48	and	12m @ 112 g/t Ag	32
									and	8m @ 0.84g/t Au	50	incl.	6m @ 189 g/t Ag	36
												and	12m @ 16 g/t Ag	44
												and	4m @ 412 g/t Ag	56
												incl.	2m @ 751 g/t Ag	56
												and	2m @ 13 g/t Ag	60
Fi 229	to be drilled													
Fi 230	to be drilled													

**APPENDIX 2 (Cont.)**

**Percussion OHH Drilling - Collar Location and Detailed Au and Ag Assays in g/t, since last report date 5<sup>th</sup> November 2012**

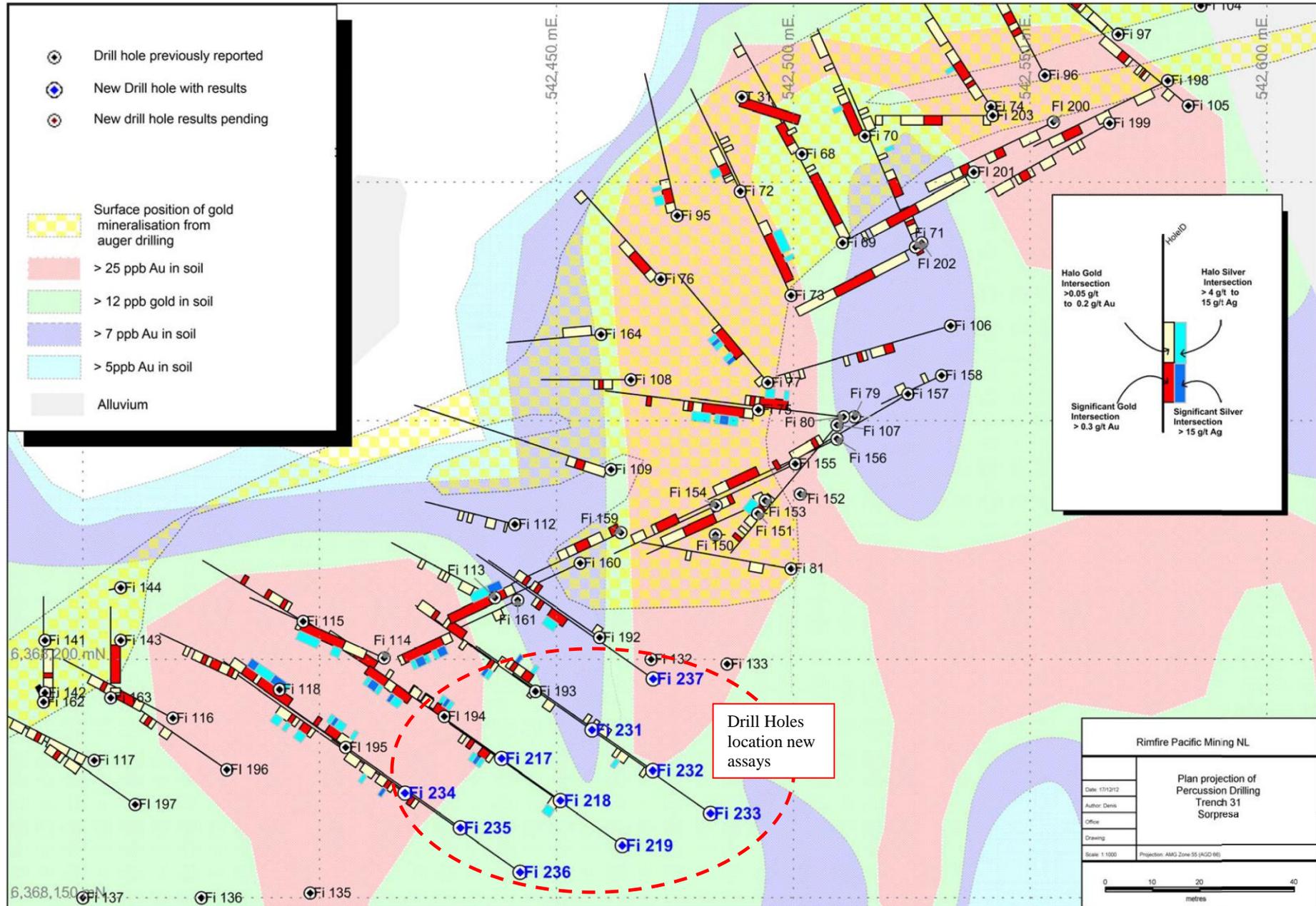
Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD) (approx)	Dip	Grid Azimuth (°)	Depth	Drilling Type	Metres Assayed	Area Name	Gold Section Result	Gold Section Depth From	and silver	Silver Section Result	Silver Section Depth From
(units)	(m)	(m)	(m)	(°)	(°)	(m)					(m)			(m)
Fi 231	542457.5	6368185.2	292	-60	305	91	RC	54	Tr-31 SW	2m @ 0.1g/t Au	48			
									and	<b>2m @ 5.24g/t Au</b>	<b>50</b>	with	<b>2m @ 19 g/t Ag</b>	<b>50</b>
									and	2m @ 0.17g/t Au	64			
Fi 232	542470.3	6368176.7	292	-60	305	91	RC	54	Tr-31 SW	2m @ 0.11g/t Au	34			
									and	4m @ 0.32 g/t Au	64			
									and	2m @ 0.15g/t Au	70			
									and	<b>2m @ 1.97g/t Au</b>	<b>72</b>	with	<b>2m @ 18 g/t Ag</b>	<b>72</b>
									and	2m @ 0.12g/t Au	74			
Fi 233	542482.5	6368167.7	292	-60	305	109	RC	60	Tr-31 SW	4m @ 0.23g/t Au	42		No Intersection	
									and	2m @ 0.1g/t Au	82			
Fi 234	542418	6368172	292	-60	305	91	RC	18	Tr-31 SW	2m @ 0.15g/t Au	46			
									and	4m @ 0.77g/t Au	48			
									and	<b>2m @ 1.27g/t Au</b>	<b>56</b>	with	8m @ 8.9g/t Ag	56
									and	4m @ 0.16g/t Au	58			
Fi 235	542430.5	6368163.7	292	-60	305	91	RC	20	Tr-31 SW	2m @ 0.20g/t Au	58			
									and	2m @ 0.19g/t Au	62			
									and	6m @ 0.89g/t Au	64	and	<b>2m @ 64 g/t Ag</b>	<b>68</b>
									and	2m @ 0.27g/t Au	74			
Fi 236	542442.7	6368155	292	-60	305	91	RC	36	Tr-31 SW	2m @ 0.38g/t Au	54			
									and	2m @ 0.14g/t Au	64			
									and	<b>2m @ 10.8g/t Au</b>	<b>66</b>	with	<b>2m @ 27 g/t Ag</b>	<b>66</b>
									and	2m @ 0.16g/t Au	68			
									and	2m @ 0.12g/t Au	84			
Fi 237	542470.4	6368195.9	291	-60	305	91	RC	26	Tr-31 SW	<b>8m @ 0.7g/t Au</b>	<b>44</b>	with	6m @ 7.2 g/t Ag	
									and	<b>2m @ 2.07g/t Au</b>	56			
									and	2m @ 0.13g/t Au	58			





### APPENDIX 3

## Plan View Drilling Collar Hole Locations at "Trench 31 Area" Sorpresa Project Area with Previous Percussion Drilling Shown (On a backdrop of Gold in Bedrock Auger Zones and Soil Geochemistry previously established)

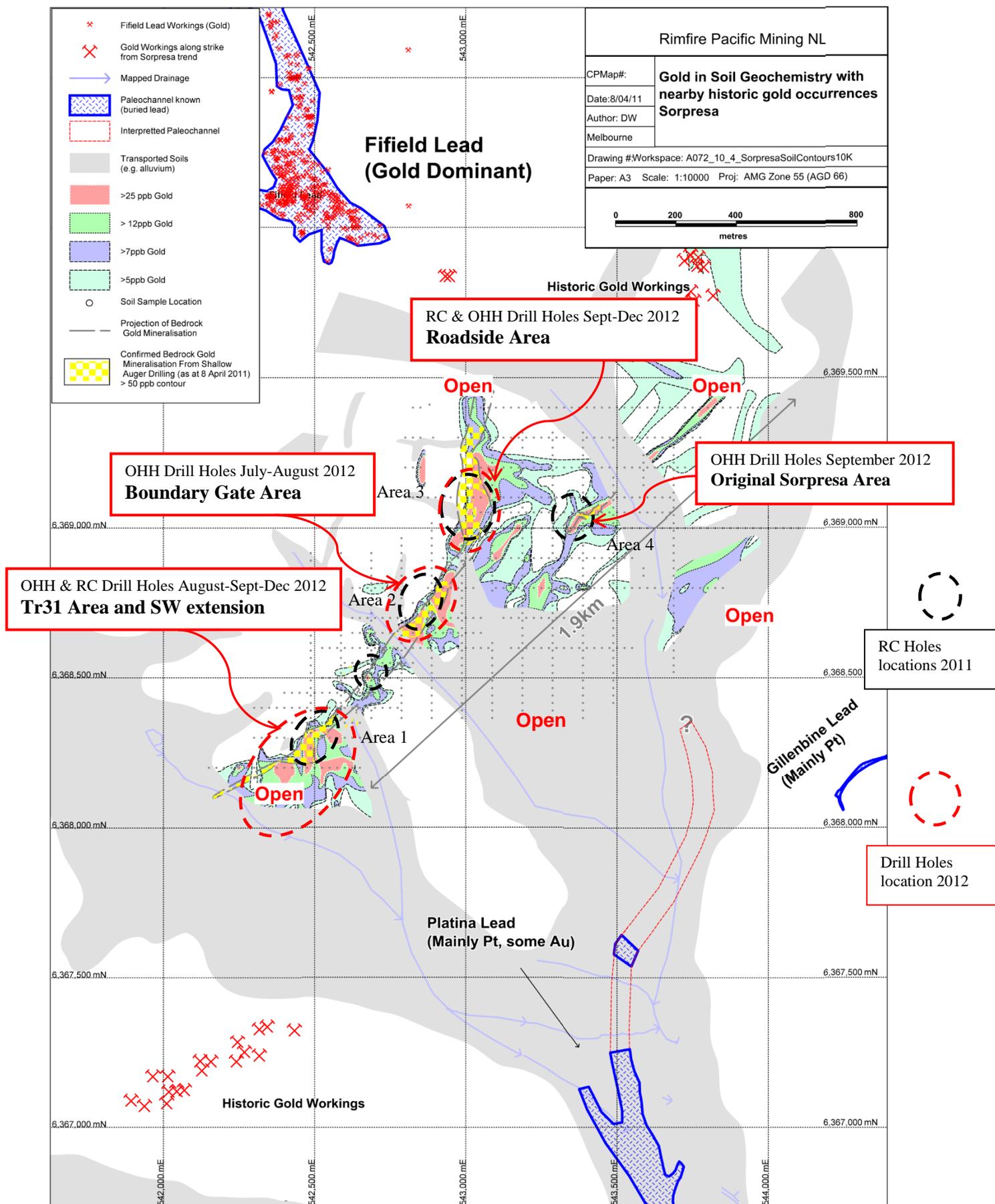




## Appendix 5

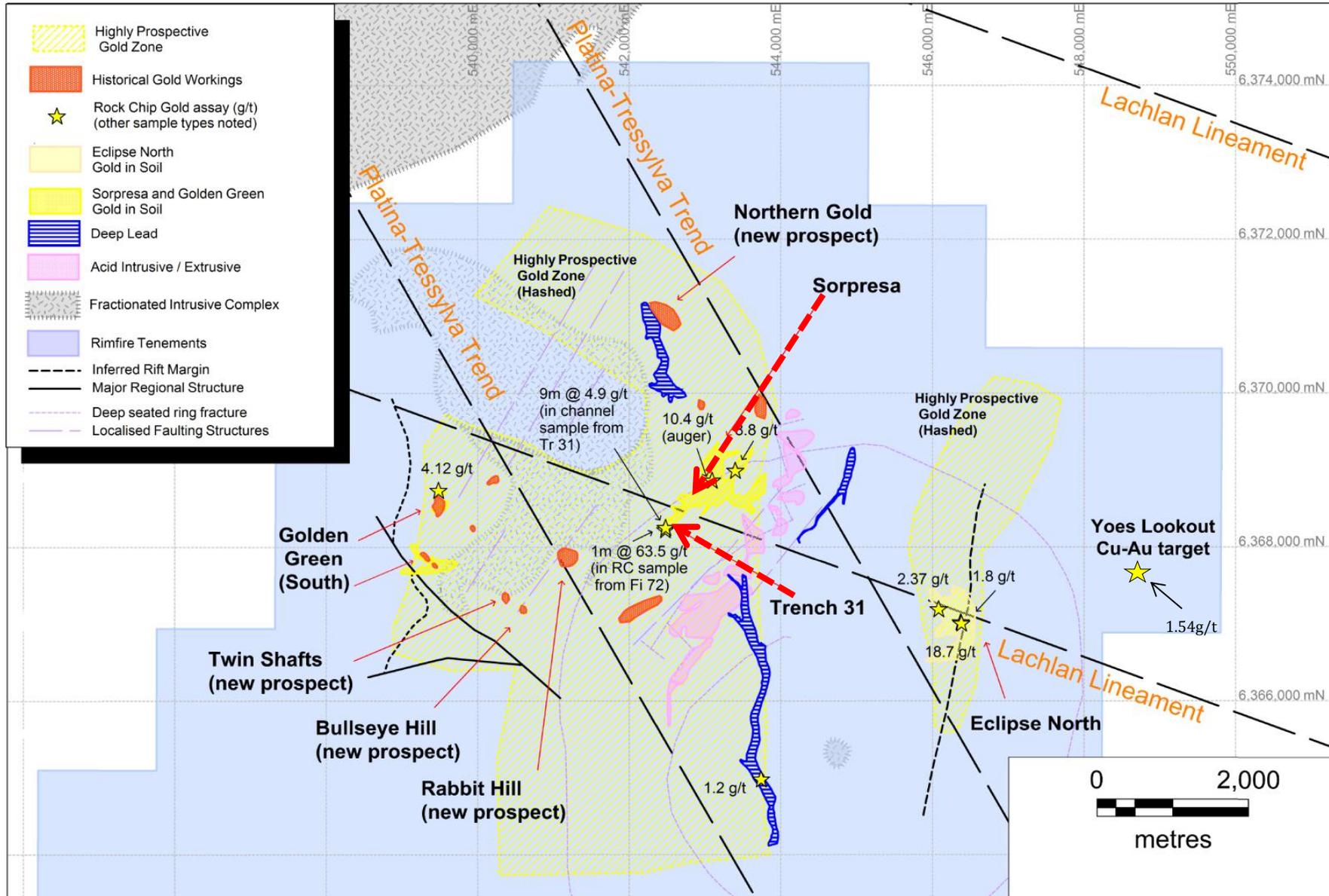
### Percussion Drill Locations Sorpresa 2011 and 2012

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



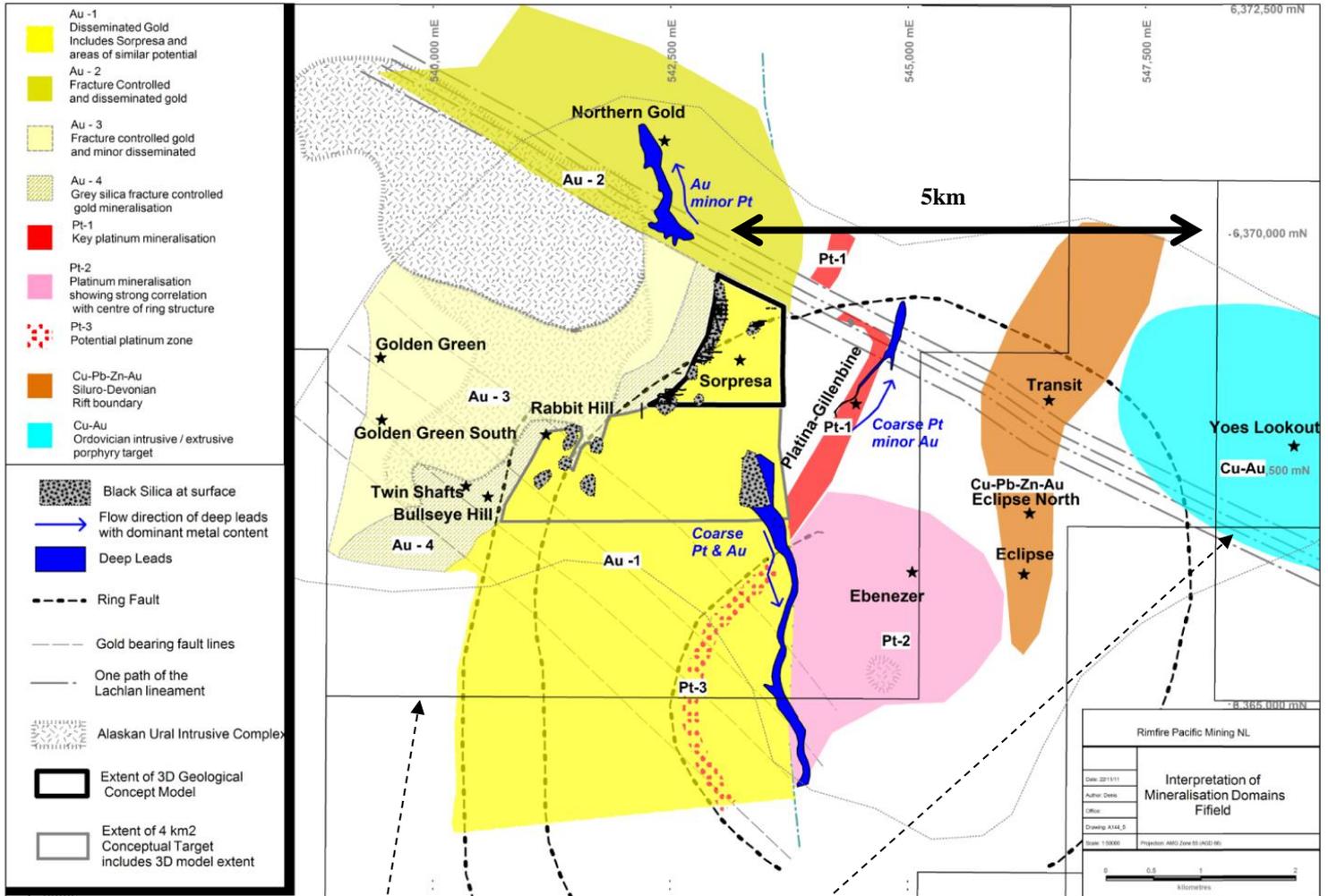
## APPENDIX 6

### EL5534 The Sorpresa Area Anomalous Gold Zone – within the wider Fifield Gold Observations “Some” New Prospects Highlighted

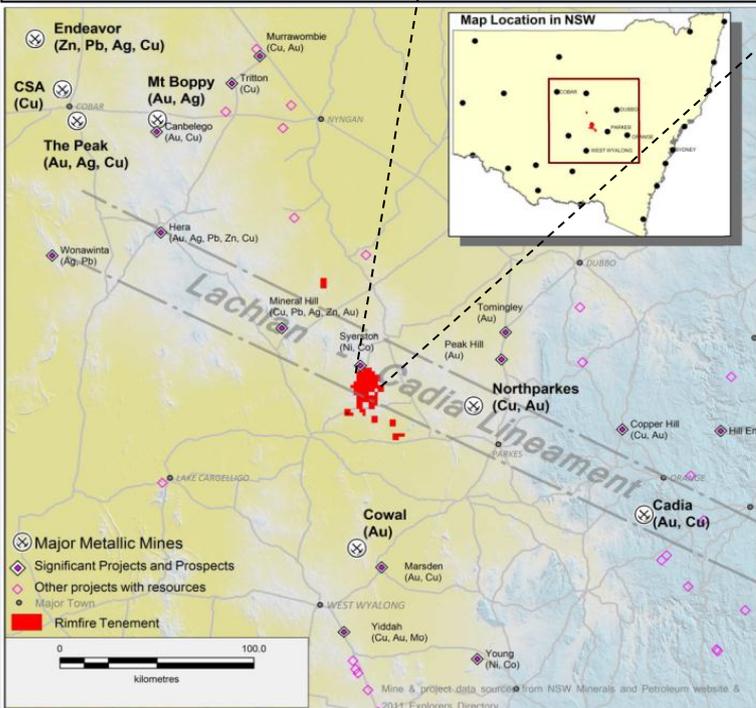


## Appendix 7

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



#### Regional Position for Fifield Mineralisation



*Rimfire tenements shown in red (at left) within the Lachlan-Cadia Lineament.*

*Metal zoning interpreted (above) within key Rimfire Tenements at Fifield, making this an exciting location for discoveries.*

*Note the Black Silica areas (above) mapped as part of the Au receptive horizon inferred*