



10<sup>th</sup> October 2012

Company Announcements Platform  
Australian Securities Exchange

## Highest Gold and Silver Grades seen to date at Sorpresa Project - First Drilling at Roadside Area since 2011

An important assay update is provided on partially completed assays for the drilling program being conducted at **Roadside Area** location within the Sorpresa Project area. The results in the Company's opinion are highly significant, particularly in the context of the growing work programs being undertaken.

### Summary of Key Recent Results and Activities at Fifield

- **Roadside Area drill hole Fi 212, has produced the highest grade intersections for both Gold and Silver seen to date within the Sorpresa Project at any location**
  - **14m @ 24.4g/t Au<sup>1</sup> from 26m, including 2m @ 118g/t Au**
  - **26m @ 154.6g/t silver(Ag)<sup>2</sup> from 14m, including 4m @ 592g/t silver(Ag)**
  - **Roadside Area is located 1.2km NE from the Trench 31 Area**
  - At the time of writing a further 4 holes had been drilled at Roadside Area, and await dispatch for assay
  - Soil sampling and auger drilling has been done to help locate northern extensions of this mineralization
  
- **Trench 31 (TR31) Area Assays**
  - The previously reported gold intersection for **Hole Fi 195 was subsequently assayed for silver**,
    - **Intersections of 6m @ 63.1g/t silver(Ag) from 36m, and 2m @ 62.2g/t silver(Ag) from 52m**
  - Au assay results are expected shortly on a further 8 drill holes at SW and NE locations at Tr31 Area
  
- **A second Drill Rig is due at the Sorpresa Project, week commencing 15<sup>th</sup> October**
  - A program of approx. 3,000m of RC drilling has been contracted, with the capacity to drill to depths of 200m
    - The focus will be to continue drilling within the main Sorpresa Strike zone at various locations
  - The in-house drill rig will test a range of Au targets and undertake geological holes in parts of the wider 8km<sup>2</sup> Sorpresa area

### **The Executive Chairman, John Kaminsky, expanded:**

"From what I can see in the current literature drill holes **Fi 160 (14m @ 21.9g/t Au, June 2012)** at Trench 31 Area and **Fi 212 (14m @ 24.4g/t Au, September 2012)** at Roadside Area rank in the top 10 exploration gold intersections that have been drilled by ASX listed companies within Australia at a greenfields location in the last 12 months. This is a great achievement for the Company and a resounding endorsement of the quality of the project area.

**These two holes are 1.2 km apart** on the established Sorpresa main trend. In addition to the gold sections, both holes contain significant silver credits. These are fabulous results on a greenfields project of this scale and we are very excited by the prospects looking forward.

The Roadside Area is interesting, as it was always noted as a high silver dominant area, based on early auger results, and the subsequent 2011 RC drilling. Accordingly, it was a delight to see silver values for hole **Fi 212** around the **600g/t** level coincident with the excellent gold intersection there.

The mineralization to date is in the important 0~60m depth profile and represents a very attractive commercial target. We have a second drill rig coming into the project for a campaign of holes, and this

<sup>1</sup> Au was determined by fire assay method AA26 on 50g subsample charge with AAS finish at ALS Laboratories

<sup>2</sup> Ag was determined by 4 acid digest method Ag-OG62 on 50g subsample charge with AAS finish at ALS Laboratories

rig will have a capacity to start examining the geology and mineralization to greater depths, whilst also continuing our delineation work at the main Sorpresa Area.

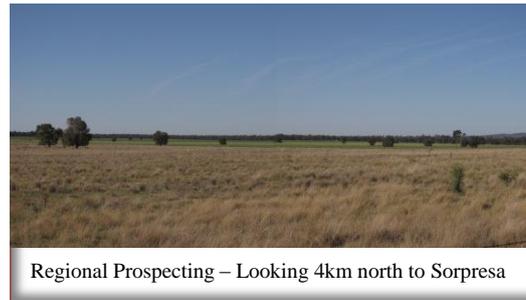
We may also start to get a feel for some of the IP response in areas where the chargeability values appear closer to surface. This applies particularly at the Roadside Area.

The new work programs are progressing well. It was a timely decision to raise additional funds and push ahead with the drilling expansion. The funds received from the recent placement and SPP are being well deployed, so it is pleasing to see such positive early results providing reward for the support shown by shareholders."

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

"The latest assays keep reinforcing the high quality of the Sorpresa ground. These results are newsworthy on any scale, and frankly speak for themselves. The fact that we are still at a relatively early stage gives the results additional significance.

The more work we do on this gold and silver mineralised system the better the results seem to get. We still appear to have no upper limit to the grades we are seeing.



Our in-house percussion drill is going to be ideal to apply to my regional scout and discovery exploration programs whilst the larger incoming drill continues the work on the main Sorpresa Area. We are making some very good progress on identifying further prospective gold areas within the 8km<sup>2</sup> wider Sorpresa Area at Fifield. It is extremely motivating to be able to use percussion drilling as the next step to test the surface prospecting that I have been advancing in the last few months. Whilst it is at an early stage, some of these newer areas look particularly attractive for gold mineralization.

I would again like to remind people that the gold mineralization seen at Sorpresa is part of a much greater underlying system, which continues to unfold favourably the more work we do. It is likely that the Rift Basin Centre geology now identified, and being further explored, should have a capacity to host multi million ounces of gold. The work is still to be done, but we are moving nicely in the right direction."

**Recent Sorpresa Information Thread**

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

1. ASX September 17<sup>th</sup> 2012 [First Gold Sections Created at Sorpresa Project – New Assay Results](#)
2. ASX August 31<sup>st</sup> 2012 [New Gold in Soil Zones Located 4km South of Sorpresa](#)
3. ASX July 31<sup>st</sup> 2012 [Quarterly Exploration Activities June 2012](#)
4. ASX July 26<sup>th</sup> 2012 [Successful Intersections at Sorpresa Gold Project](#)
5. ASX June 13<sup>th</sup> 2012 [High Grade Gold Intersection Sorpresa Project – Fifield NSW](#)
6. ASX May 28<sup>th</sup> 2012 [Sorpresa Gold Project has Increased Potential at Depth](#)
7. ASX April 30<sup>th</sup> 2012 [Quarterly Exploration Activities March 2012](#)
8. ASX January 31<sup>st</sup> 2012 ([Quarterly Exploration Activities December 2011](#))
9. ASX [January 2012 Sorpresa Gold Project – Trench 31 Area Review Video](#)
10. ASX 28th November 2011 [AGM Exploration Presentation – Including Key Summary Assay results of Sorpresa](#)

11. Rimfire Website Summary [Brief history of Sorpresa Mineralisation discovery and style \(to September 2011\)](#)
12. ASX [Assays Confirm Significant Gold and Silver at Sorpresa Project 6<sup>th</sup> July 2011](#)

### **Metal Prices**

As at 9<sup>th</sup> October 2012, the approx. trading prices ([Kitco.com](#)) for metals in New York based on opening Ask in USD were as follows:

Gold	\$1,776/oz
Platinum	\$1,702/oz
Silver	\$34/oz

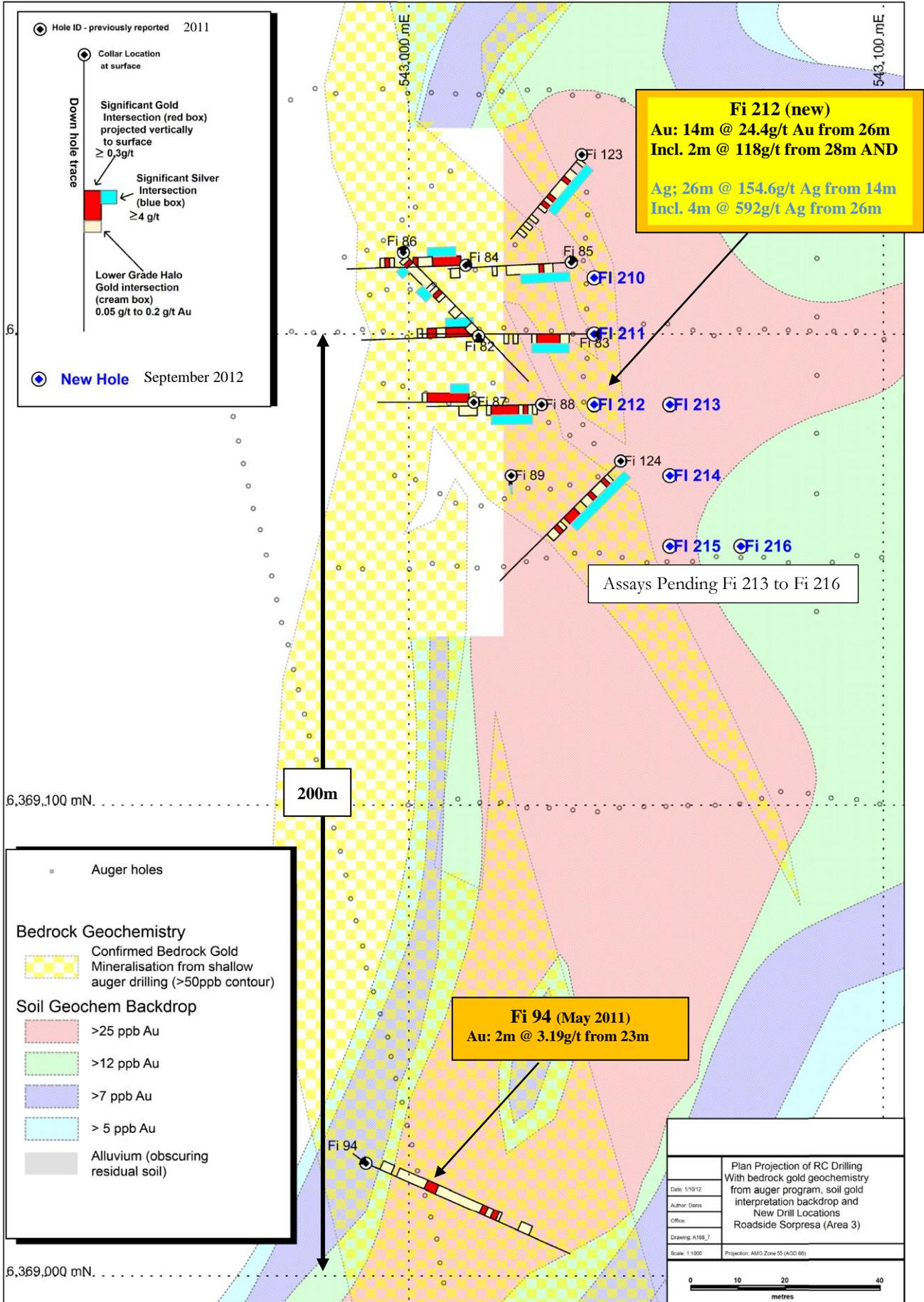


**JOHN KAMINSKY**  
**Executive Chairman**

*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 (September 2012 - Blue Colour) OHH Drilling Collar Hole Locations at "Roadside Area" Sorpresa Project (On background of 2011 RC Drilling on soil Au geochemistry)



## APPENDIX 2

### Percussion OHH Drilling - Collar Location and Detailed Au and Ag Assays in g/t, since last report date 17<sup>th</sup> September 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD)	Dip	Grid Azimuth (°)	Depth	Area Number	Area Name	Gold Section Result	Gold Section Depth From	Silver Section Result	Silver Section Depth From
(units)	(m)	(m)	(m)	(°)	(°)	(m)				(m)		(m)
Fi 195	542408	6368185	292	-60	305	60	EA1	Tr-31 SW	16m @ 3.23g/t	30	6m @ 63.1g/t	36
								incl.	2m @ 17g/t	36		
								incl.	2m @ 2.91g/t	38		
								and	4m @ 0.21g/t	44	10m @ 9.7g/t	42
								and	4m @ 1.06g/t	50	2m @ 62.2g/t	52
								and	6m @ 0.16g/t	54		
Fi 210	543040	6369212	292	-90	-	60	EA1	Roadside	4m @ 0.55 g/t	18	Pending	
								and	8m @ 0.19 g/t	24		
								and	4m @ 0.2 g/t	46		
Fi 211	543040	6369193	292	-90	-	60	EA1	Roadside	8m @ 0.83 g/t	14	Pending	
								and	10m @ 0.3 g/t	22		
								and	2m @ 0.1 g/t	48		
Fi 212	543042	6369181	292	-90	-	60	EA1	Roadside	6m @ 0.47 g/t	12	4m @ 11.1 g/t	10
								and	4m @ 0.56 g/t	20	26m @ 154.6 g/t	14
								and	14m @ 24.4 g/t	26		
								incl.			2m @ 187 g/t	20
								incl.	2m @ 24.7 g/t	26	4m @ 592 g/t	26
								incl.	2m @ 118 g/t	28	2m @ 184 g/t	30
								and	4m @ 0.68 g/t	40	4m @ 13.25 g/t	40
								and	4m @ 0.3 g/t	56 to EOH	4m @ 4.6 g/t	56 to EOH
Fi 213	543054	6369179	292	-90	-	60	EA1	Roadside	Pending		Pending	
Fi 214	543055	6369167	292	-90	-	60	EA1	Roadside	Pending		Pending	
Fi 215	543055	6369150	292	-90	-	60	EA1	Roadside	Pending		Pending	
Fi 216	543070	6369150	292	-90	-	60	EA1	Roadside	Pending		Pending	

Note: (1) Fi 195 gold result previously reported, only Silver result is new

(2) Some sections of Fi 210, 211, 212 remain to be assayed, as 4m composite intervals, however these remaining assays are seen as less prospective.

**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. Fire assay Method AA26 was performed on 50g subsamples.

### Appendix 3

**Key Historic Assays Boundary Gate at Sorpresa 2011**

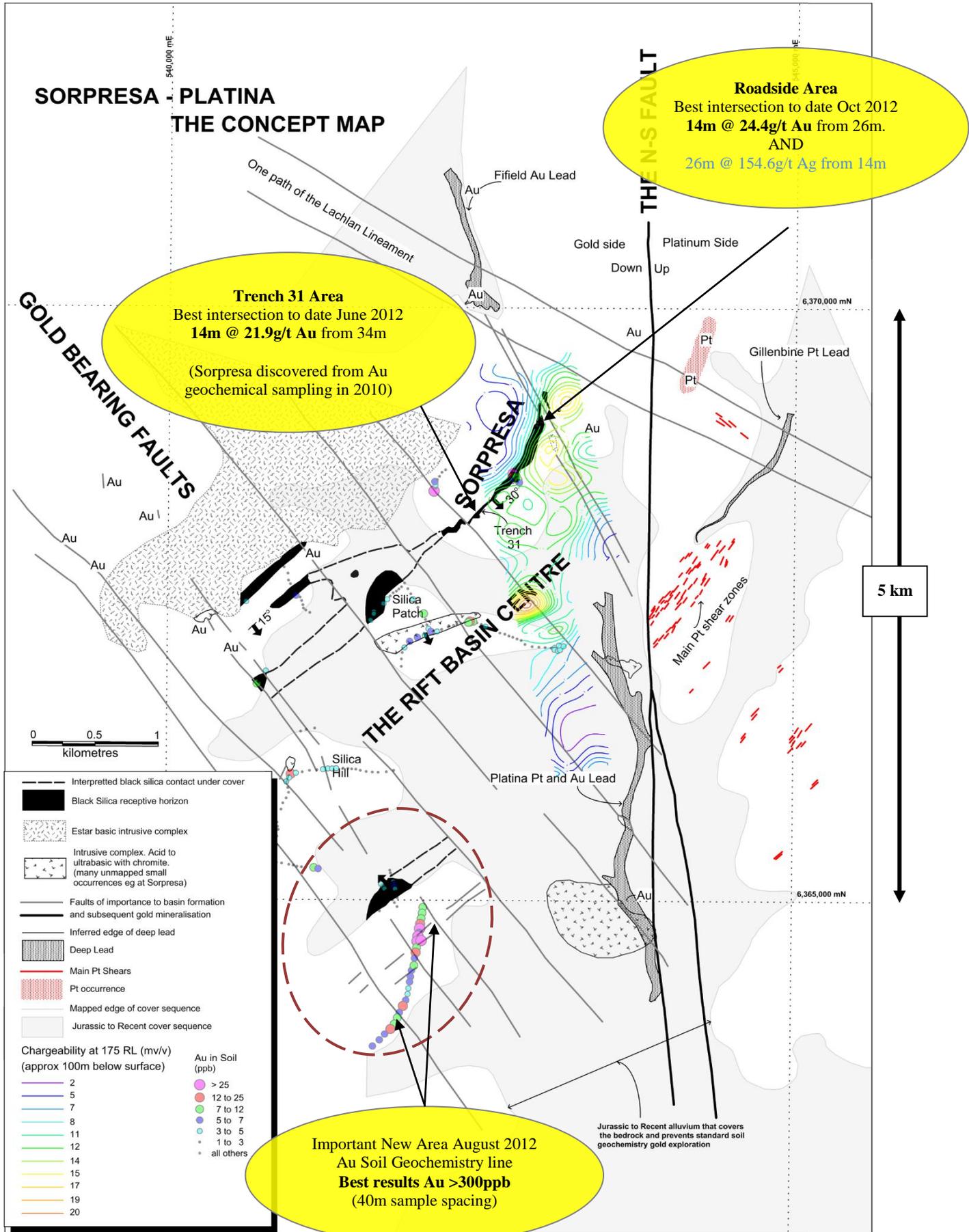
Hole	Au (and Ag) Intersection details	Including section	Drilling Period	Area of Drilling
Fi 82	12m @ 1.19g/t Au from 2m and 4m @ 1.80g/t Au from 18m 8m @ 27.5gt Ag from 2m and 4m @ 71.9g/t Ag from 10m	4m @ 1.64g/t Au, 2m @ 3.09g/t Au	May-11	Area 3 - Roadside
Fi 83	2m @ 0.86g/t Au from 14m and 2m @ 1.49g/t Au from 16m 6m @ 49g/t Ag from 10m and 10m @ 73.8g/t Ag from 16m	2m @ 150g/t Ag, 2m @ 124g/t Ag	May-11	Area 3 - Roadside
Fi 84	10m @ 1.38g/t Au from 2m 12m @ 16.4g/t Ag from 4m	2m @ 3.31g/t Au	May-11	Area 3 - Roadside
Fi 85	21m @ 15.8g/t Ag from 1m	8m @ 27.9g/t Ag	May-11	Area 3 - Roadside
Fi 87	10m @ 0.87g/t Au from 2m 8m @ 37.8g/t Ag from 2m	2m @ 2.23g/t Au 4m @ 60.3g/t Ag	May-11	Area 3 - Roadside
Fi 88	12m @ 1.71g/t Au from 10m 12m @ 38.6g/t Ag from 10m	2m @ 3.29g/t Au 2m @ 58.8g/t Ag	May-11	Area 3 - Roadside
Fi 89	6m @ 2.13g/t Au from 18m 6m @ 63.4g/t Ag from 18m	2m @ 155g/t Ag	May-11	Area 3 - Roadside
Fi 123	26m @ 13.2g/t Ag from 2m	2m @ 38.7g/t Ag	Oct-11	Area 3 - Roadside
Fi 124	6m @ 1.13g/t Au from 28m 32m @ 16g/t Ag from 2m	2m @ 51.6g/t Ag, AND 2m @ 51.6g/t Ag	Oct-11	Area 3 - Roadside

The table is a summary of best results at Locations shown. Criteria for inclusion is approx. 10 gram-metres Au, or 100 gram-metres Ag or a combination of both.

## Appendix 4

### The Geological Concept Model – Syncline Rift Basin in Plan View

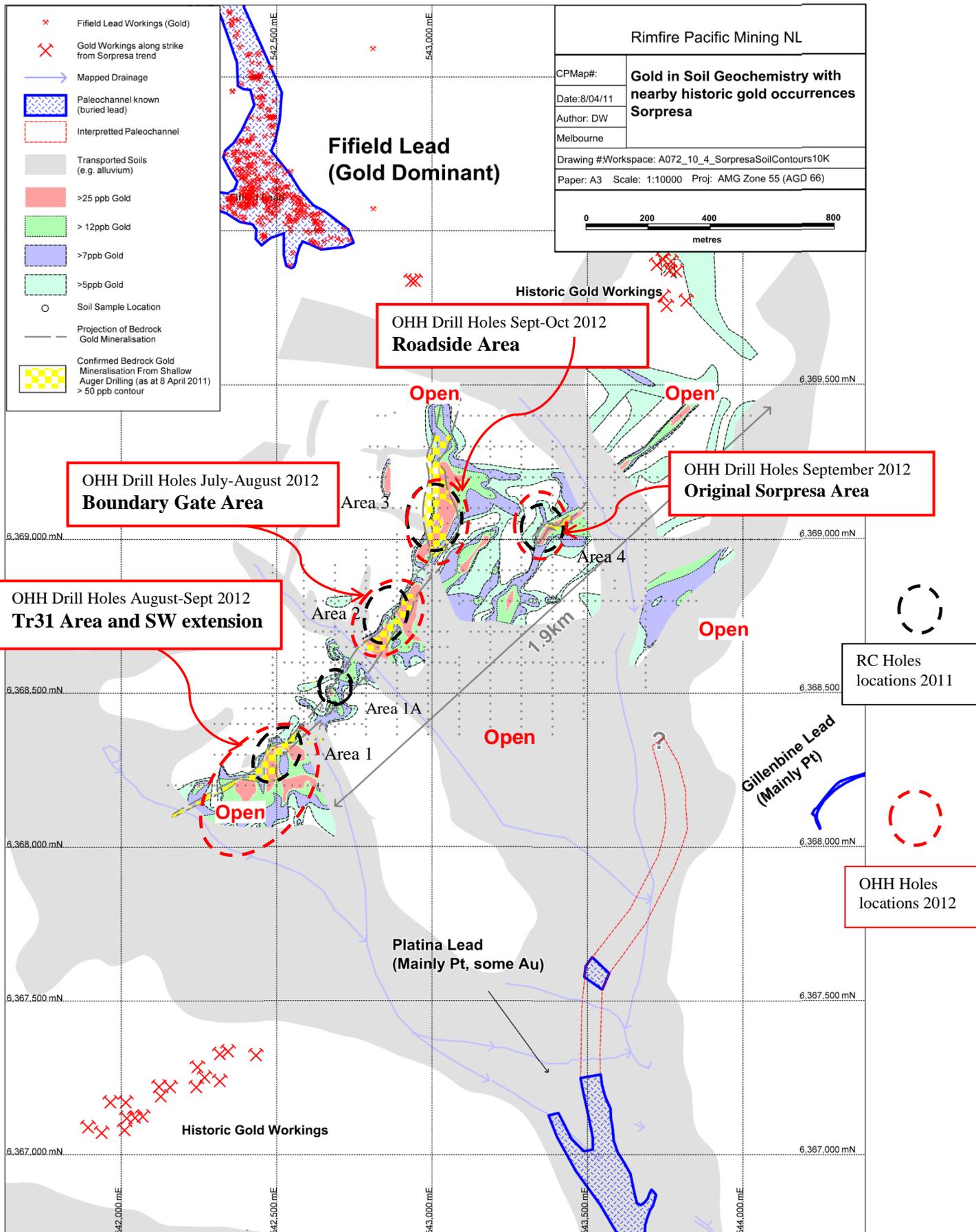
(Note that the IP survey response at approx. 100m depth is overlaid)



# Appendix 5

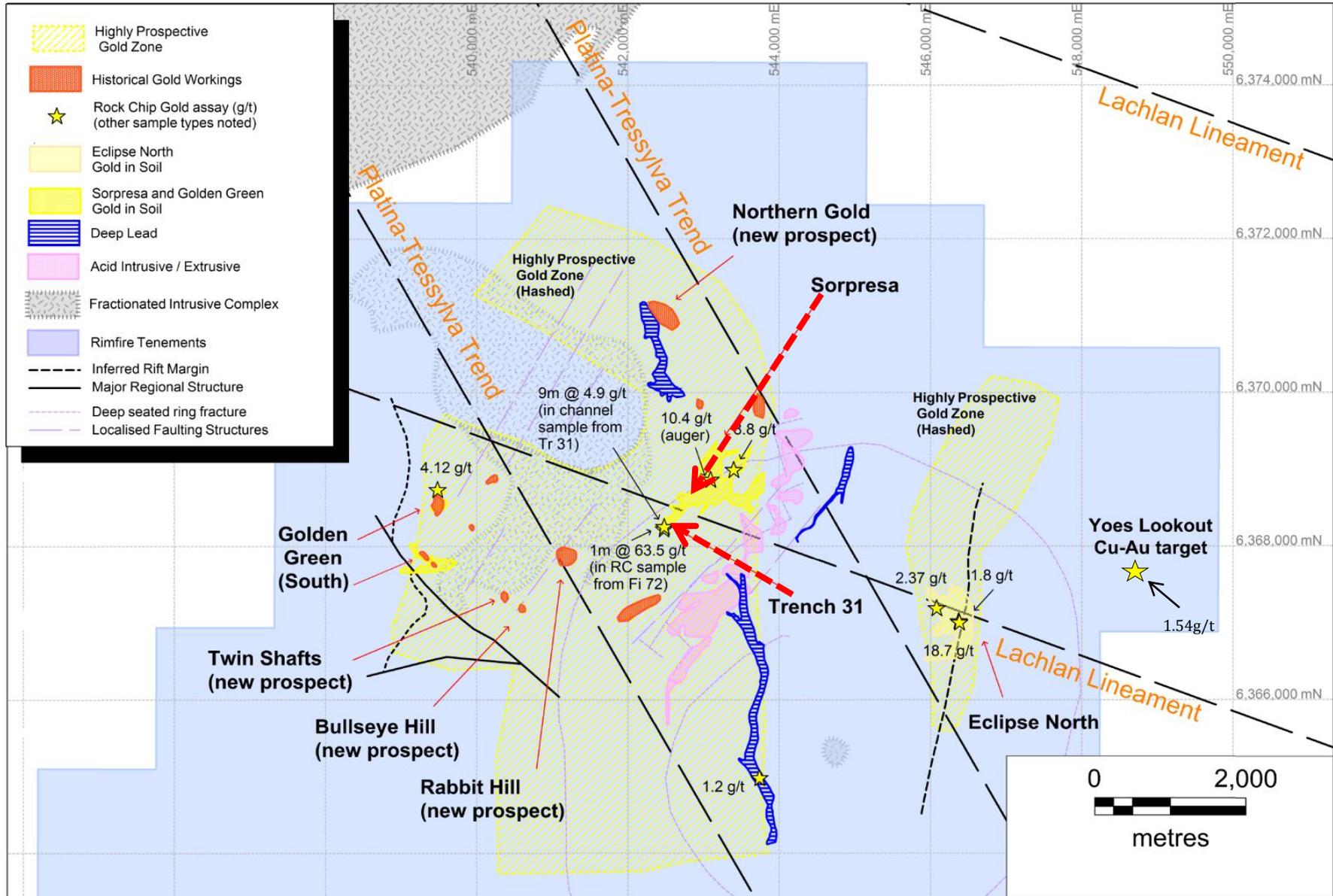
## Percussion Drill Locations Sorpresa 2011 and 2012

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



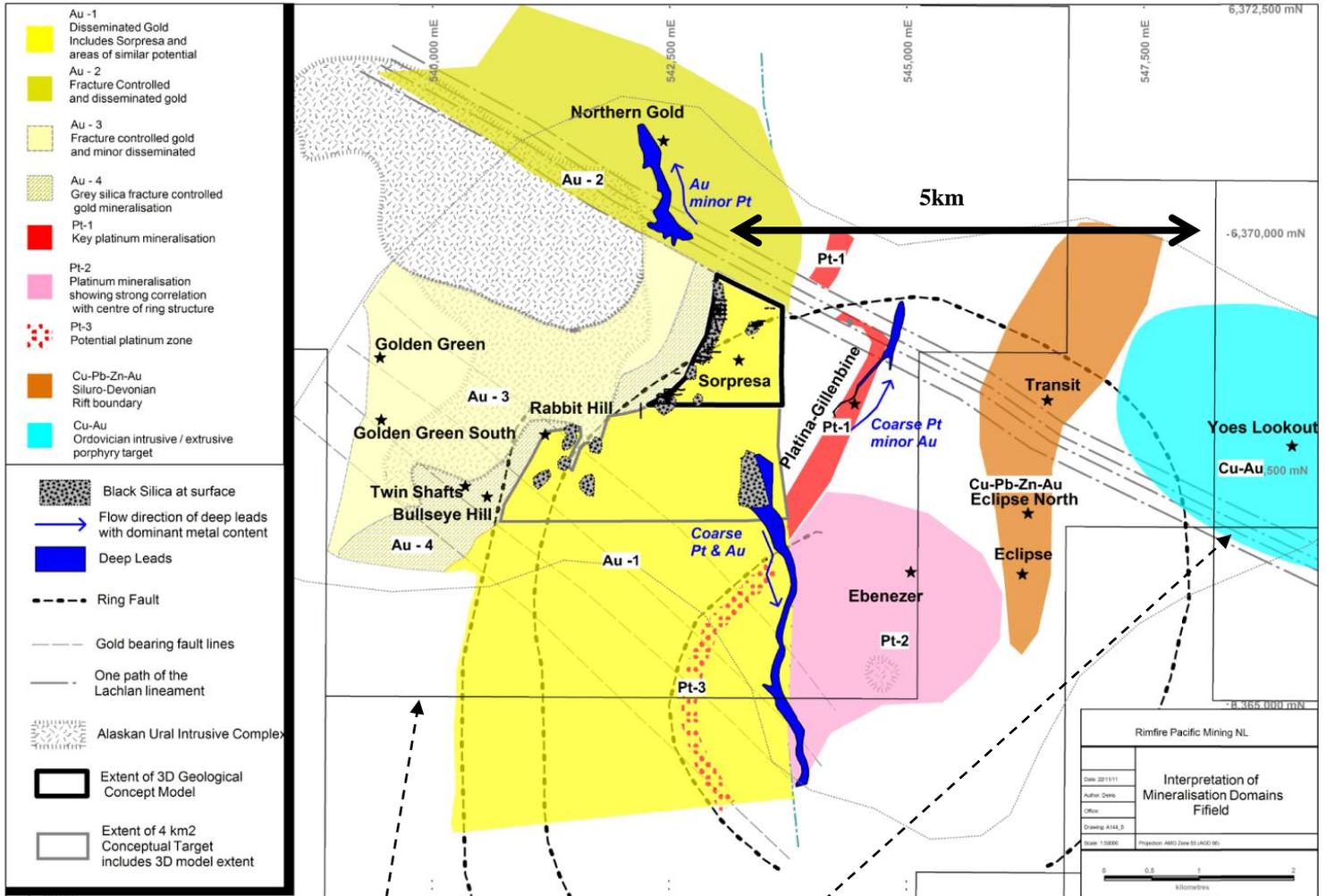
## APPENDIX 6

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

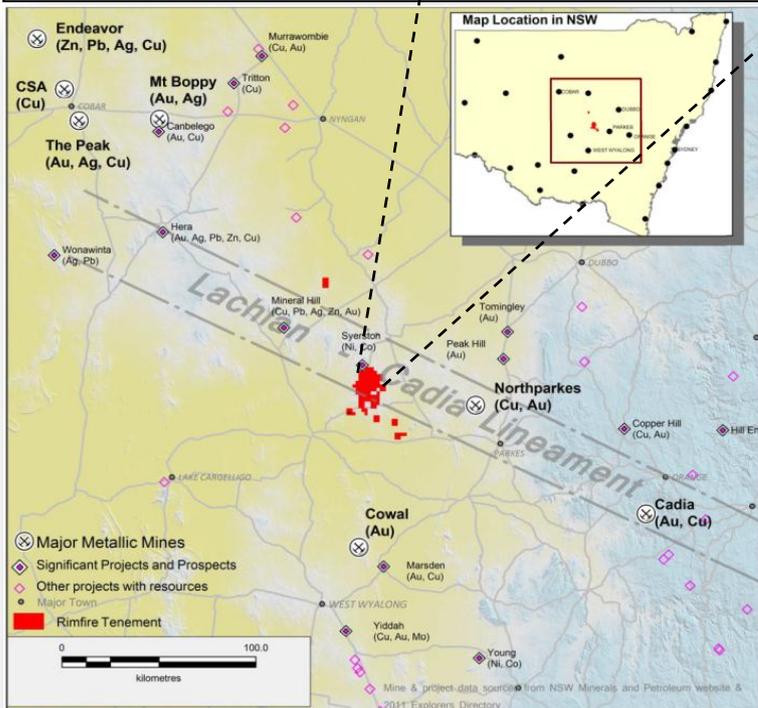


## Appendix 7

### 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