



17th September 2012
Company Announcements Platform
Australian Securities Exchange

FIRST GOLD SECTIONS CREATED AT SORPRESA PROJECT, FIFIELD NSW
- **more high gold grades seen in latest assays, Trench 31 Area extends**

The Company has begun **compiling cross sections of the gold mineralization** in parts of the Sorpresa gold project. In this report assays are provided on a further 24 holes (1,430m) at the Sorpresa Area (Trench 31 and Boundary Gate) and the first drill traverse at Yoes Lookout, located 5km to the east.

The Sorpresa area assays demonstrate **additional significant gold (Au) intersections** in a number of the holes drilled at both the **Trench 31 (Tr31) and the Boundary Gate areas**. Yoes Lookout, whilst at a very early stage, has given encouragement, with indications of gold in 3 of 5 holes in the current report.

- **Trench 31 area current drill holes extend the high grade Au zone to the South West (SW)**
 - **Cross sections (Appendix 2) show a strong Au grade profile and open mineralization down dip**
 - **Hole Fi 195, with a high grade intersection of 16m @ 3.23g/t Au, is gold mineralized over a 30m interval**
 - **Tr31 Area has now shown capacity for high Au grade along a strike of more than 250m open ended**
 - **At the time of writing a further 8 holes had been drilled at Tr31 Area, and await dispatch for assay**

- **Boundary Gate Area (located 600m NE from Trench 31 area) provided its highest grade to date**
 - **Hole Fi 190 had an intersection of 24m @ 2.17g/t Au, and is gold mineralized over a 32m interval**
 - **Cross sections for Boundary Gate Area are shown in Appendix 5.**

Key New Results Received September 2012 for Percussion OHH drilling at Fifield

Using a criteria of 10 gram-meters Au or better, the following assays are highlights of the current reporting. The Appendices 1, 2, 3, 4 & 5 provide maps and assay details for holes in this reporting period.

Location – Trench 31 Area and SW extension Sorpresa

Hole	Main Intersection details ¹	Including major section
Fi 195	16m @ 3.23g/t Au from 30m <u>and</u> 4m @ 1.06g/t Au from 50m	2m @ 17g/t Au from 36m
Fi 194	10m @ 2.55g/t Au from 36m	2m @ 9.26g/t Au from 36m
Fi 193	8m @ 0.99g/t Au from 38m <u>and</u> 2m @ 0.96g/t Au from 52m	2m @ 2.48g/t Au from 44m

Location – Boundary Gate Area Sorpresa

Hole	Main Intersection details	Including major section
Fi 190	24m @ 2.17g/t Au from 6m	2m @ 15.35g/t Au from 16m
Fi 181	2m @ 1.44g/t Au from 36m <u>and</u> 6m @ 1.96g/t Au from 48m	
Fi 191	10m @ 1.0g/t Au from 2m <u>and</u> 2m @ 1.06g/t Au from 20m	

The Executive Chairman, John Kaminsky, commented:

“We have continued to see gold in most of our drilling, **including more high grades above 15g/t Au at both Trench 31 and Boundary Gate areas in the newly reported holes** within the Sorpresa Project.

¹ Au was determined by fire assay method AA22 & AA26 on 50g subsample charge with AAS finish at ALS Laboratories

Hole Fi 195 at the Trench 31 SW area was excellent, at **16m @ 3.23g/t Au from 30m and 4m @ 1.06g/t Au from 50m** giving an extension to the high grade gold zone seen in the previous report. It is very likely we have a strong silver credit here and we will be following up with the assays on this.

Seeing the cross sections develop as we grow our drilling programs is very pleasing and we expect to produce more of these as we move towards achieving resource definitions in the various locations.

These are impressive gold sections of good grade and width. The sections are open and likely to be only a small component of the bigger system that is unfolding at Sorpresa.



Hole Fi 200 Drilling NE of TR31 Recommended first time since 2011

We have a program starting today to drill the area 600m NE of Boundary Gate. This area seems to have the identical mineralized style seen at Tr 31, so we are keen to get another area established within Sorpresa. It is our aim to have two drill rigs operating at various times in the next quarter, to achieve more metres quickly.

The first scout drill traverse at Yoes Lookout, 5km to the East of Sorpresa, demonstrates that the area has potential. Building on the earlier two holes drilled and reported previously, we now have one hole with a discontinuous 13m of Au, at a grade above 0.1g/t, including **5m at 0.78g/t Au**. This is encouraging, for an area that has some geological similarities to “North Parkes”, and has no historic drilling by anyone previously.

The funds received from the recent placement and the soon to close SPP will be put to very good use seeking to achieve value creating results for the Company over the coming periods.”

The Head of Exploration, Colin Plumridge, reported enthusiastically:



Regional Prospecting – Au in Creeks 4km South of Sorpresa, Black Silica present

“These new drilling results and the developing cross sections on the mineralization at Sorpresa are totally consistent with my view that we have a gold system that is going to continue to deliver excellent results as we do more work. The mineralization shapes that are emerging are well suited to open cut mining.

My regional programs to date within the wider Fifield district have identified 8km² of highly prospective ground for gold mineralization of the Sorpresa style, and that does not include additional places like Yoes.

It is my intention to start testing these other areas, where I have already identified a gold expression either in the soils, creeks or rock chips, by using the proven methodology of auger drilling and scout percussion traverses.

Similarly, where there is familiar and important geology that we know is consistent with the style of gold mineralization seen at Sorpresa, we will be pursuing this also.

The evidence remains compelling and is growing. The gold mineralization seen at Sorpresa is part of a much greater underlying system, likely related to the Rift Basin centre geology now identified. **This system should have a capacity to host multi million ounces of gold.** The hard work is still required, but the signs are definitely positive.

We are still pushing ahead with our design of a drill program to test the deeper IP anomaly likely associated with the known geology at wider Sorpresa. The Company has the real prospect of achieving breakthrough results over the next 6 months on this bigger picture and to this extent the new funding is very timely.

This project provides the type of commercial incentive, excitement and stimulation that offers a rare opportunity to be involved with something that could be of exceptional quality, and we will be striving to achieve the best outcome possible for shareholders.”

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 August 31st 2012 [New Gold in Soil Zones Located 4km South of Sorpresa](#)
2. ASX July 31st 2012 [Quarterly Exploration Activities June 2012](#)
3. ASX July 26th 2012 [Successful Intersections at Sorpresa Gold Project](#)
4. ASX June 13th 2012 [High Grade Gold Intersection Sorpresa Project – Fifield NSW](#)
5. ASX May 28th 2012 [Sorpresa Gold Project has Increased Potential at Depth](#)
6. ASX April 30th 2012 [Quarterly Exploration Activities March 2012](#)
7. ASX January 31st 2012 ([Quarterly Exploration Activities December 2011](#))
8. ASX [January 2012 Sorpresa Gold Project – Trench 31 Area Review Video](#)
9. ASX 28th November 2011 [AGM Exploration Presentation – Including Key Summary Assay results of Sorpresa](#)
10. Rimfire Website Summary [Brief history of Sorpresa Mineralisation discovery and style \(to September 2011\)](#)
11. ASX [Assays Confirm Significant Gold and Silver at Sorpresa Project 6th July 2011](#)

Metal Prices

As at 13th September 2012, the approx. prices ([Kitco.com](#)) for metals in New York based on opening Ask in USD were as follows:

Gold	\$1,768/oz
Platinum	\$1,690/oz
Silver	\$35/oz

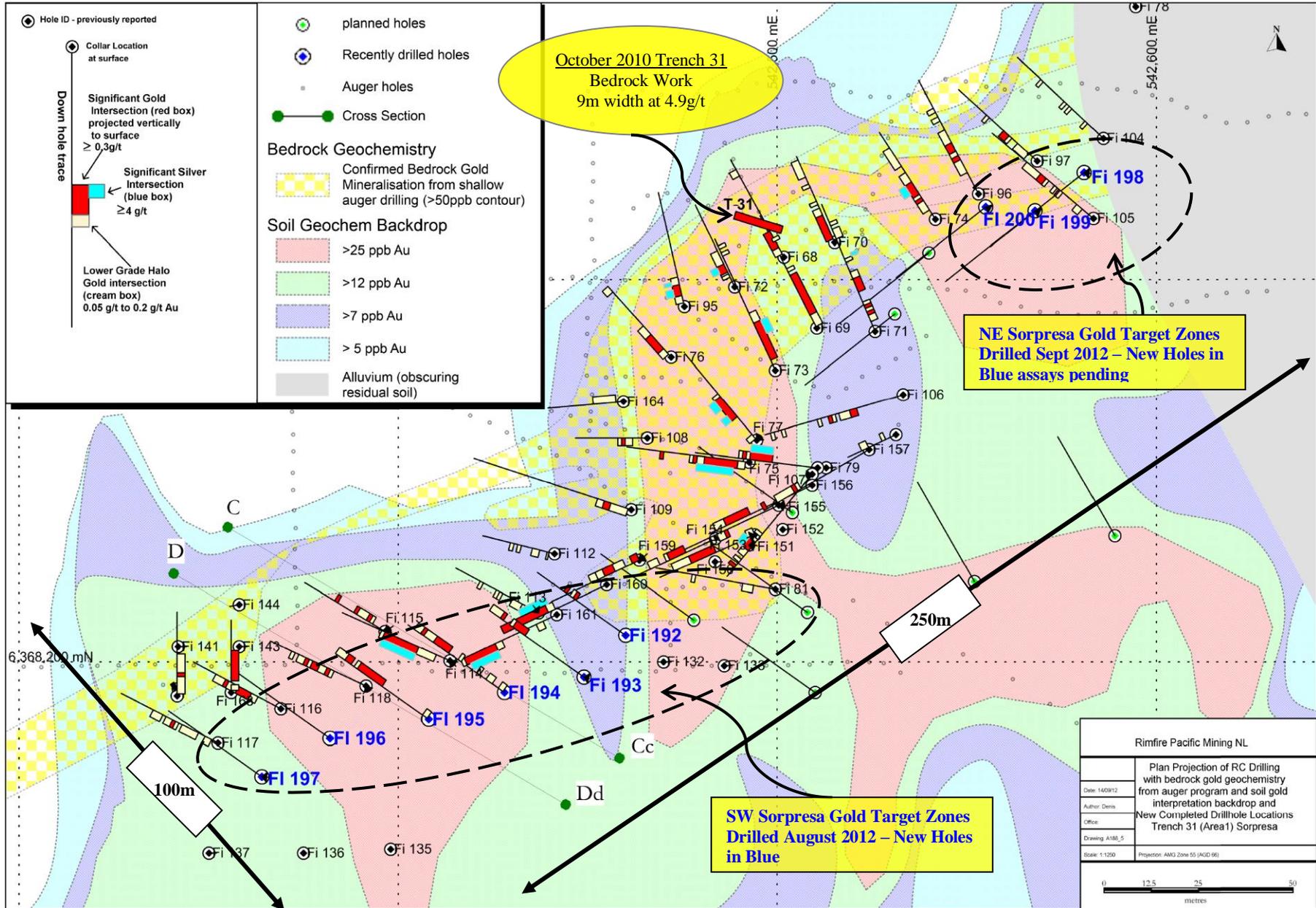


JOHN KAMINSKY
Executive Chairman

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.

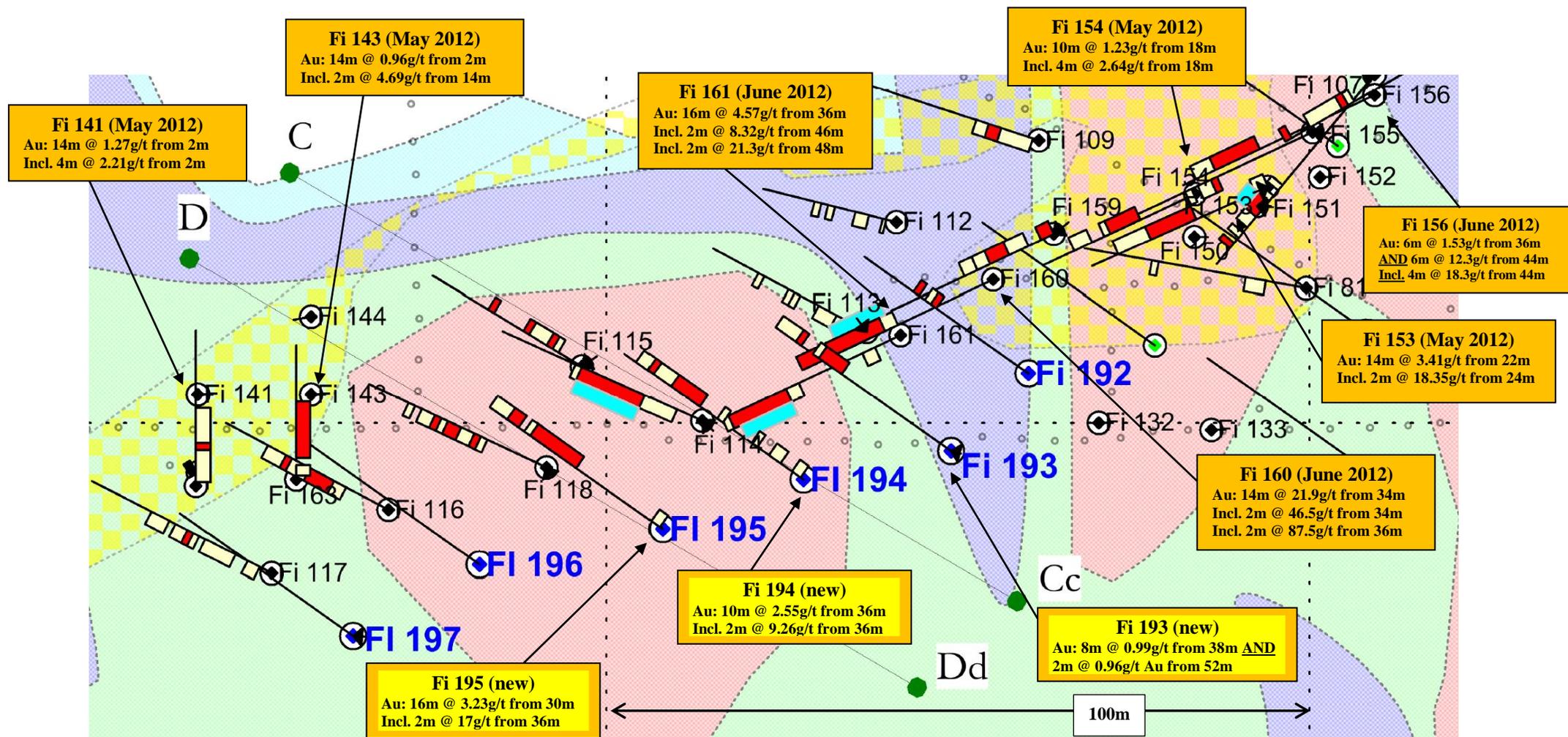
APPENDIX 1

New (2012 - Blue Colour) Completed OHH Drilling Collar Hole Locations at Tr31 Area Sorpresa – In Plan View (On background of 2011 RC Drilling on soil Au geochemistry)



APPENDIX 1A

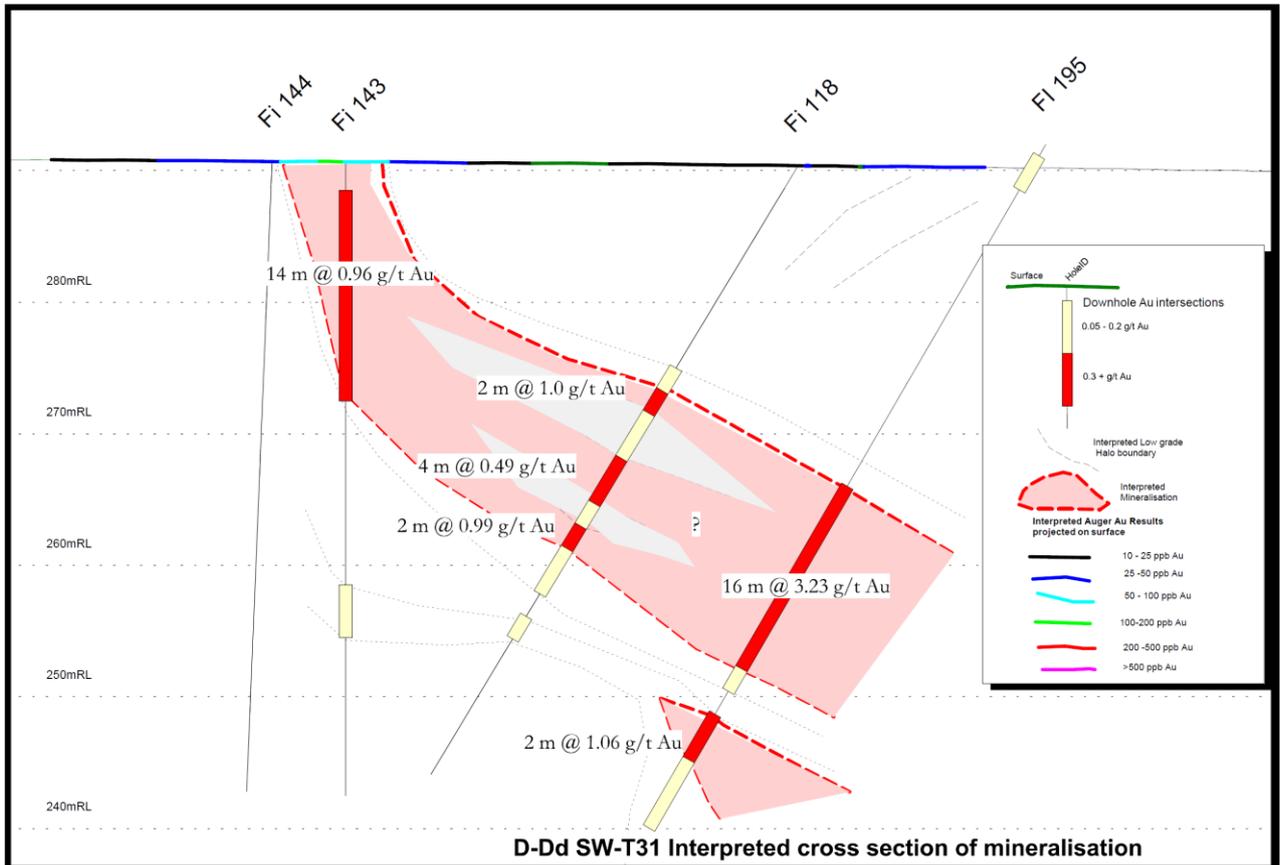
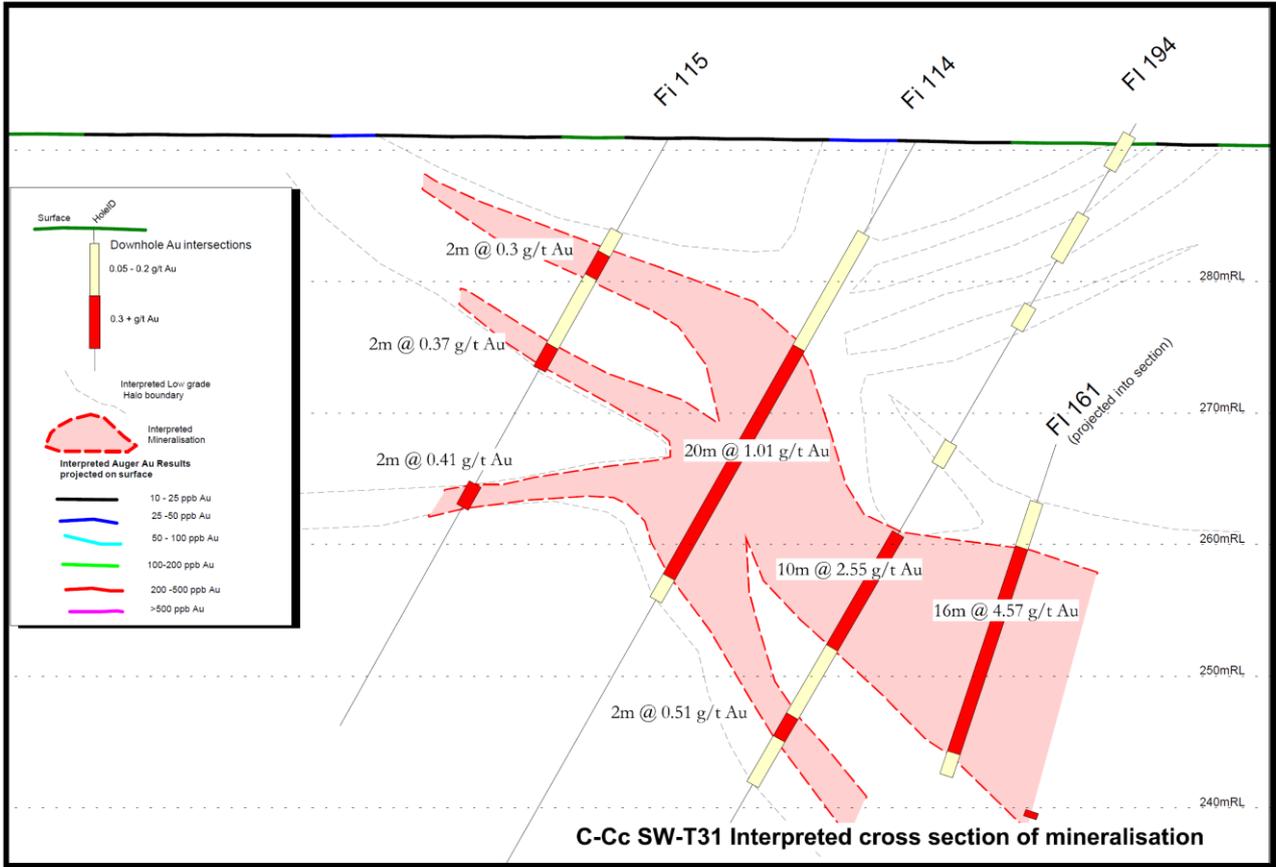
Plan View Close up of New (July~ August 2012 - Blue Colour) Drilling Collar Hole Locations at “Tr31 Area” Sorpresa with Previous RC Drilling (2011 - Black)
(Shown against Gold in Bedrock Auger Zones and Soils previously established)



- Note that only **(2012) assays** of significance are shown, namely **Fi 141, Fi 143, Fi 153, Fi 154, Fi 156, Fi 160, Fi 161** all previously reported
- **New Assays at Sept 2012 for Fi 193, Fi 194 & Fi 195 are shown.** Assays are not yet received on **Fi 196 & Fi 197.**
- All key assay results from previous holes at Sorpresa can be found **at the hyperlink [ASX Quarterly Exploration Report June 2012 Appendix 3](#)**

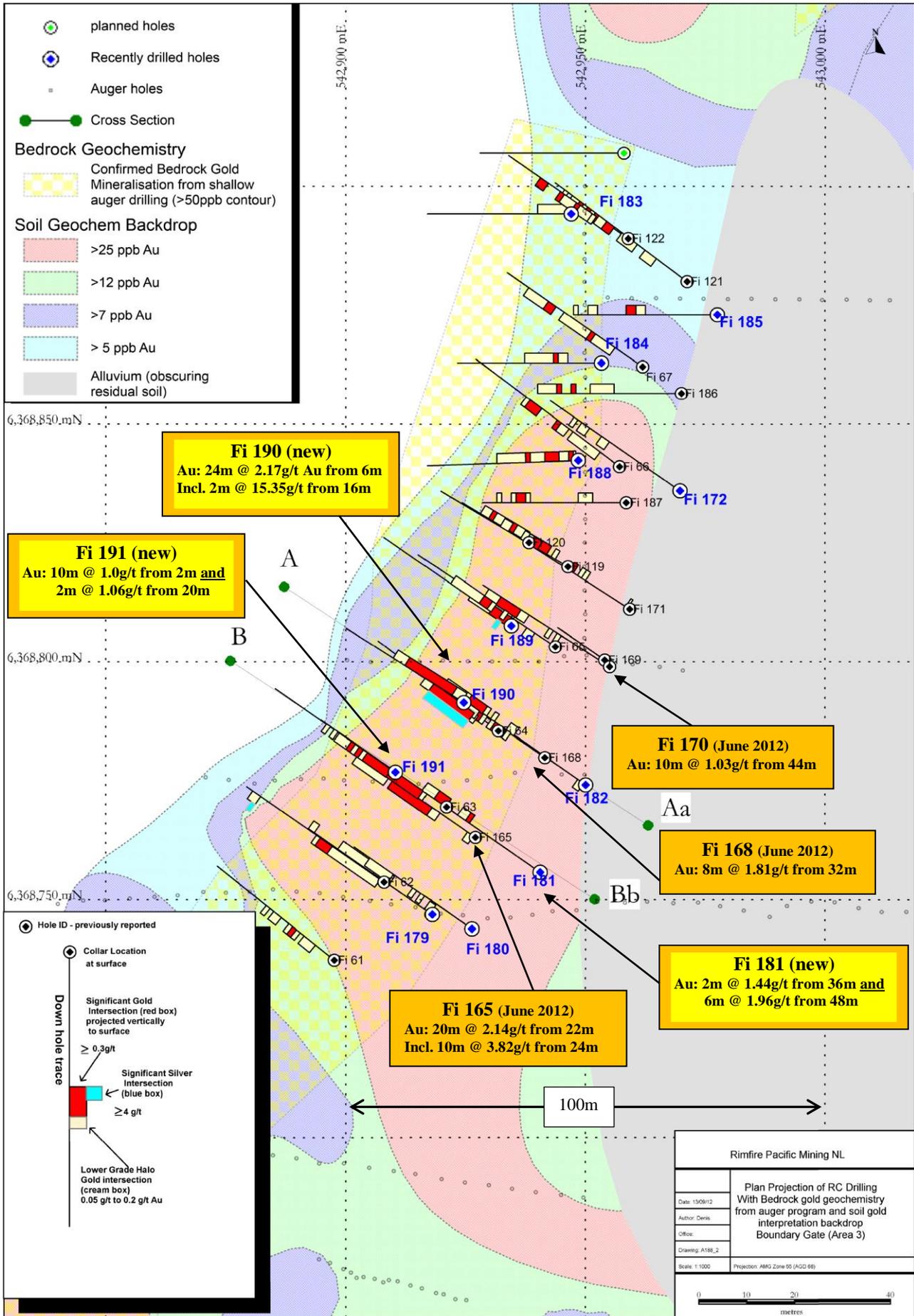
Appendix 2

Cross Sections of some recent Holes at Tr31 SW location Sorpresa Project



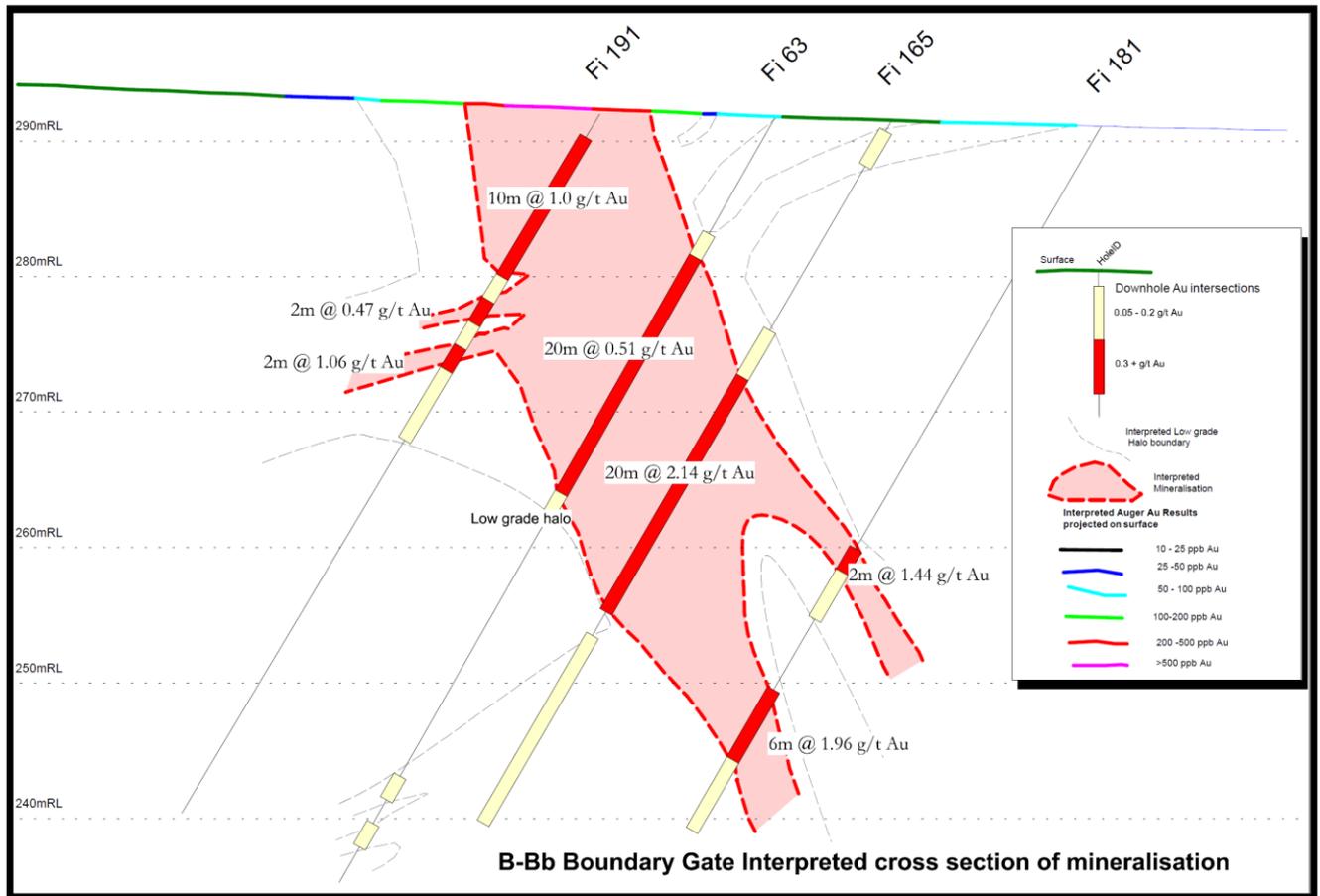
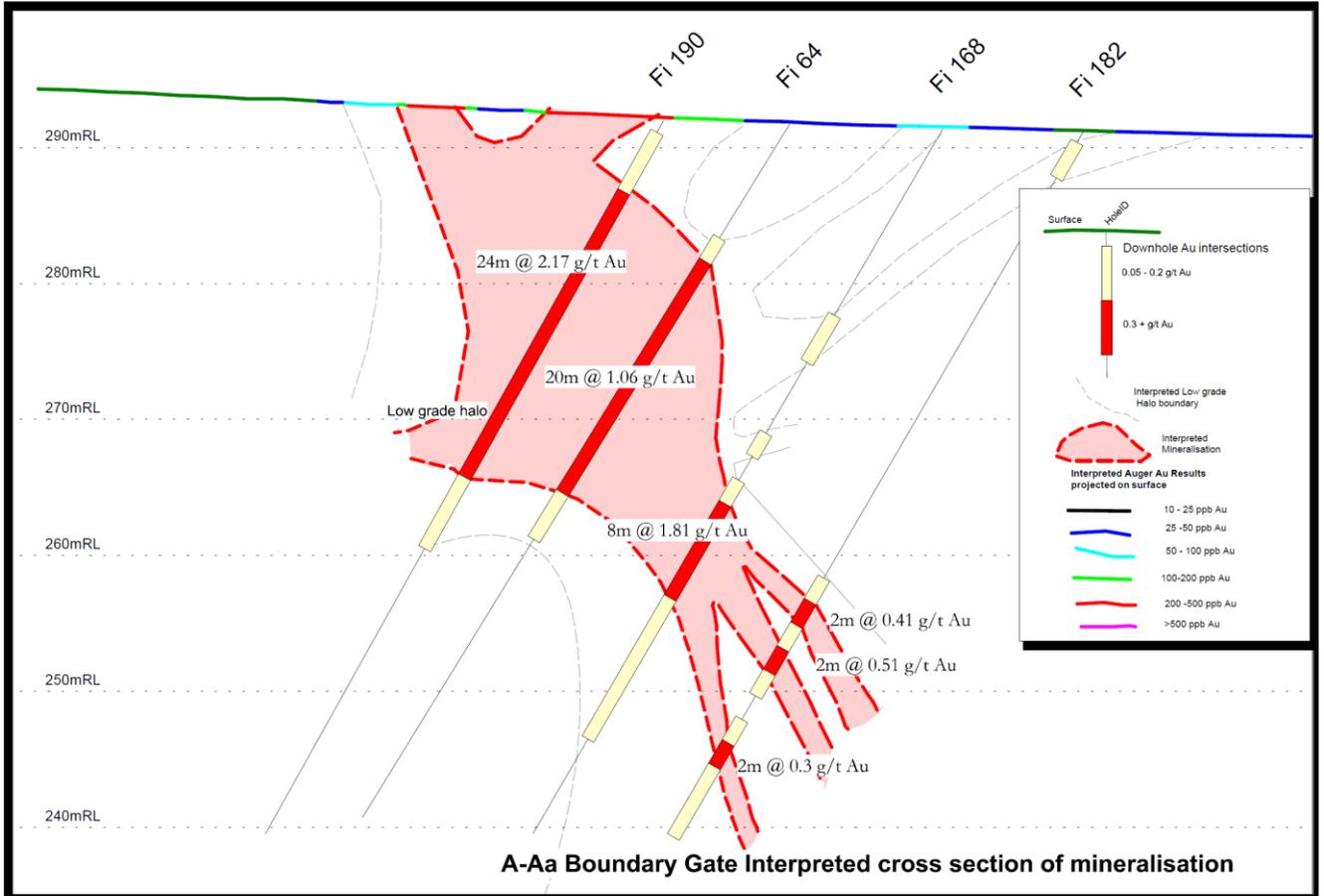
APPENDIX 3

New (August 2012 - Blue Colour) OHH Drilling Collar Hole Locations at "Boundary Gate Area" Sorpresa (On background of 2011 RC Drilling on soil Au geochemistry)



Appendix 4

Cross Sections of some recent Holes at Boundary Gate location Sorpresa Project



APPENDIX 5 (page1)

Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 26th July 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 172	542969.7	6368836	292	-60	305	66	EA1	Boundary Gate	2m @ 0.18g/t	46	NA	
Fi 173	548688	6367267	257	-60	85	60	EA1	Boundary Gate	3m @ 0.24g/t	1	NA	
								and	2m @ 0.11g/t	6		
								and	8m @ 0.19g/t	10		
								and	2m @ 0.14g/t	34		
Fi 174	548674	6367265	257	-60	85	60	EA11	Yoes Lookout	5m @ 0.78g/t	1	NA	
								and	2m @ 0.12g/t	8		
								and	2m @ 0.22g/t	22		
								and	4m @ 0.17g/t	32		
Fi 175	548661	6367263	257	-60	85	35	EA11	Yoes Lookout	3m @ 0.1g/t	1	NA	
Fi 176	548648	6367262	257	-60	85	60	EA11	Yoes Lookout	NS		NA	
Fi 177	548636	6367261	257	-60	85	60	EA11	Yoes Lookout	NS		NA	
Fi 178	548694	6367263	257	-60	265	60	EA11	Yoes Lookout	*4m @ 0.21g/t	12	NA	
								and	*8m @ 0.2g/t	20		
Fi 179	542918	6368746.9	291	-60	305	63	EA1	Boundary Gate	6m @ 0.12g/t	32	NA	
Fi 180	542926.3	6368743.9	291	-60	305	60	EA1	Boundary Gate	*2m @ 0.12g/t	28	NA	
								and	12m @ 0.15g/t	40		
Fi 181	542940.5	6368755.8	291	-60	305	60	EA1	Boundary Gate	2m @ 1.44g/t	36	NA	
								and	2m @ 0.15g/t	38		
								and	6m @ 1.96g/t	48		
								and	2m @ 0.1g/t	54		
Fi 182	542950	6368774.2	291	-60	305	60	EA1	Boundary Gate	8m @ 0.32g/t	40	NA	
								and	10m @ 0.18g/t	50		
Fi 183	542947	6368894.2	294	-60	270	60	EA1	Boundary Gate	11m @ 0.15g/t	1	NA	
Fi 184	542953.3	6368862.9	293	-60	270	60	EA1	Boundary Gate	6m @ 0.21g/t	16	NA	
								and	2m @ 0.12g/t	26		

APPENDIX 5 (page2)

Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 26th July 2012

Hole ID	Easting (AGD66)	Northing (AGD66)	RL (AHD)	Dip	Grid Azimuth (°)	Depth	Area Number	Area Name	Gold Section Result	Gold Section Depth From (m)	Silver Section Result	Silver Section Depth From (m)
(units)	(m)	(m)	(m)	(°)	(°)	(m)				(m)		(m)
Fi 185	542977.5	6368873	292	-60	270	60	EA1	Boundary Gate	2m @ 0.17g/t	32	NA	
								and	4m @ 0.38g/t	34		
								and	4m @ 0.15g/t	50		
Fi 186	542970	6368856.5	292	-60	270	60	EA1	Boundary Gate	8m @ 0.17g/t	30	NA	
								and	14m @ 0.14g/t	42		
Fi 187	542958.5	6368833.5	292	-60	270	60	EA1	Boundary Gate	4m @ 0.1g/t	38	NA	
								and	4m @ 0.48g/t	42		
Fi 188	542948.5	6368842.4	292	-60	268	63	EA1	Boundary Gate	1m @ 0.15g/t	1	NA	
								and	2m @ 0.44g/t	2		
								and	4m @ 0.16g/t	4		
								and	6m @ 0.45g/t	8		
								and	16m @ 0.20g/t	14		
Fi 189	542934.5	6368807.6	292	-59	305	63	EA1	Boundary Gate	1m @ 0.11g/t	1	NA	
								and	4m @ 0.12g/t	8		
								and	4m @ 0.75g/t	12		
								and	12m @ 0.17g/t	18		
Fi 190	542924.6	6368791.45	292	-61	302.5	60	EA1	Boundary Gate	2m @ 0.15g/t	4	NA	
								and	24m @ 2.17g/t	6		
								incl.	2m @ 15.35g/t	16		
								incl.	2m @ 3.01g/t	18		
								and	6m @ 0.17g/t	30		
Fi 191	542910.35	6368776.83	292	-59.3	305	60	EA1	Boundary Gate	10m @ 1.0g/t	2	NA	
								and	8m @ 0.3g/t	12		
								and	2m @ 1.06g/t	20		
								and	4m @ 0.17g/t	22		
Fi 192	542460	6368207	291	-60	305	57	EA1	Tr-31 SW	2m @ 0.52g/t	32	NA	
								and	2m @ 0.16g/t	34		
								and	2m @ 0.26g/t	38		
Fi 193	542449	6368196	291	-60	305	61	EA1	Tr-31 SW	8m @ 0.99g/t	38	NA	
								incl.	2m @ 2.48g/t	44		
								and	2m @ 0.96g/t	52		

APPENDIX 5 (page3)

Percussion OHH Drilling - Collar Location and Detailed Au Assays in g/t in yellow, since last report date 26th July 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)
								and	2m @ 0.13g/t	54		
Fi 194	542428	6368192	292	-60	305	62	EA1	Tr-31 SW	10m @ 2.55g/t	36	NA	
								incl.	2m @ 9.26g/t	36		
								incl.	2m @ 2.21g/t	38		
								and	2m @ 0.12g/t	46		
								and	2m @ 0.51g/t	52		
								and	2m @ 0.12g/t	54		
Fi 195	542408	6368185	292	-60	305	60	EA1	Tr-31 SW	16m @ 3.23g/t	30	Pending	
								incl.	2m @ 17g/t	36		
								incl.	2m @ 2.91g/t	38		
								and	4m @ 0.21g/t	44		
								and	4m @ 1.06g/t	50		
								and	6m @ 0.16g/t	54		
Fi 196	542382	6368180	292	-60	305	60	EA1	Tr-31 SW	Pending			
Fi 197	542364	6368170	292	-60	305	60	EA1	Tr-31 SW	Pending			
Fi 198	542581	6368328	291	-60	232	63	EA1	Tr-31 NE	Pending			
Fi 199	542568	6368318	291	-60	232	60	EA1	Tr-31 NE	Pending			
Total Metres Drilled since last assay report (Fi 172 onwards)						1673	* indicates 4m composite included in interval					

Sample Method Hole 172 onwards: Individual metres were split through riffle splitter. Then 1kg subsamples from each metre interval were combined over 2 metres intervals and submitted for analysis

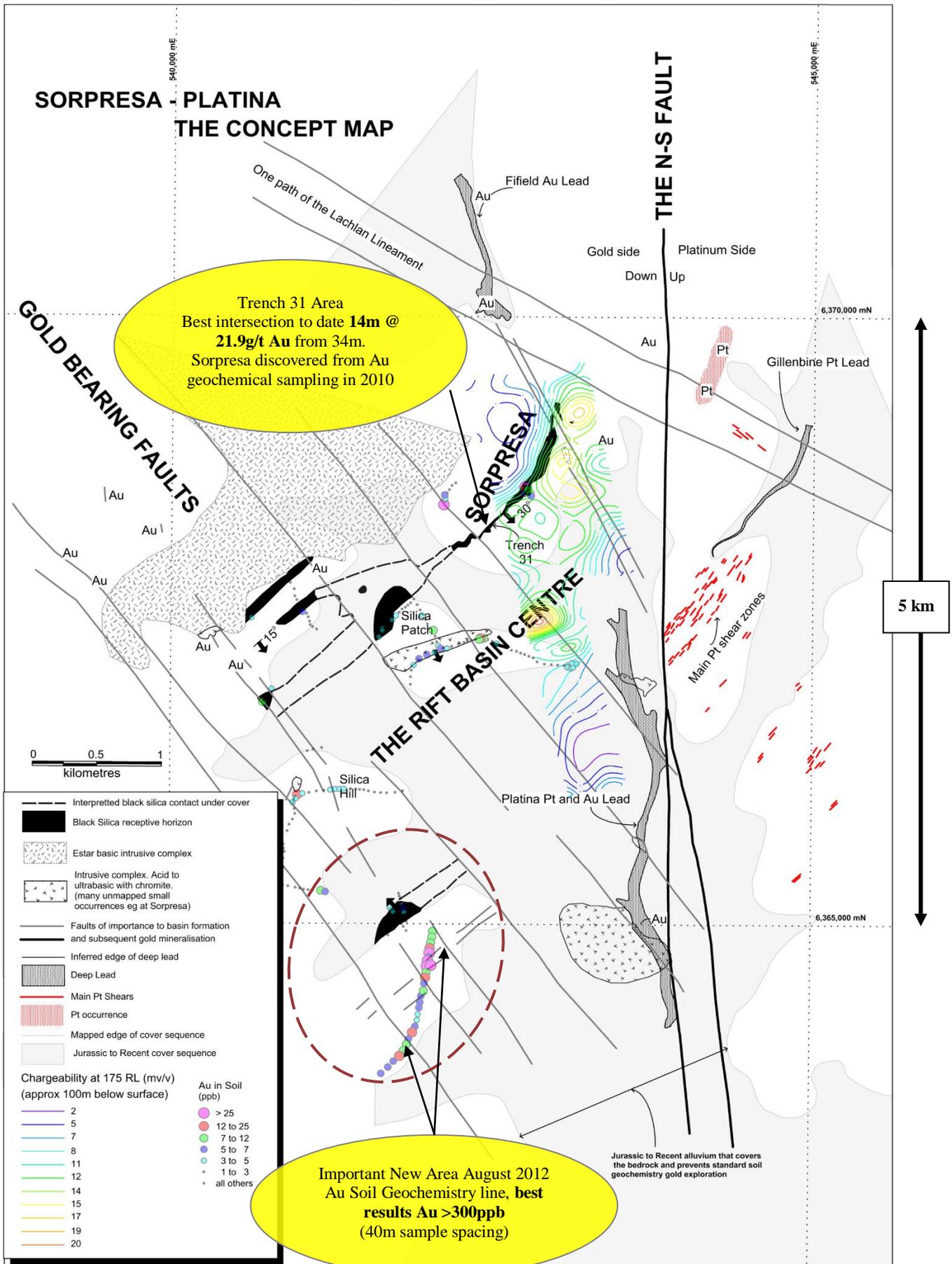
Legend: **NS** = No section in Hole; **Pending** = Assays not yet received;
Tr - 31 = Trench 31 wider area; **NA** = No Assays performed

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 AA22 and AA26 were performed on 50g subsamples.

Appendix 6

The Geological Concept Model – Syncline Rift Basin in Plan View

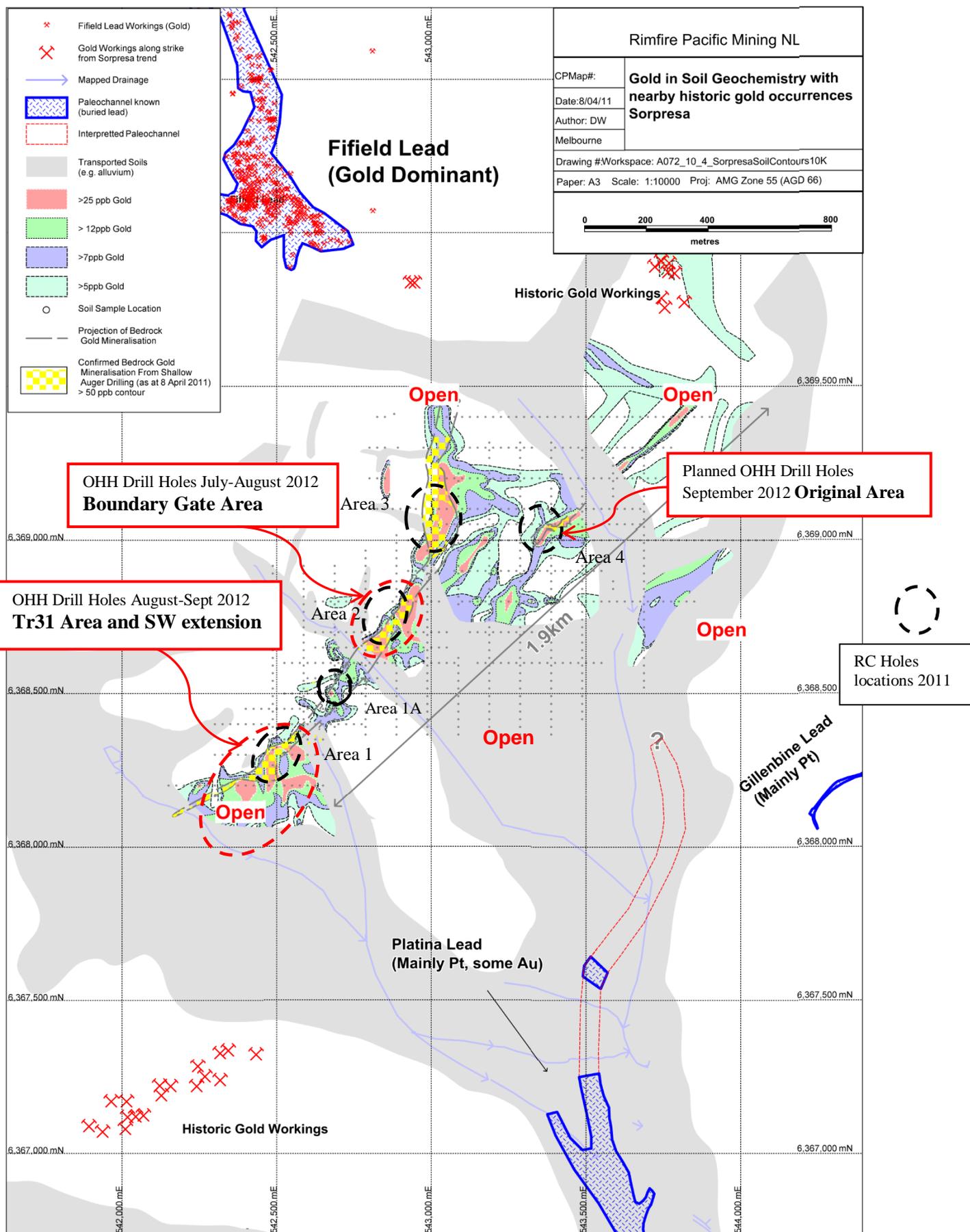
(Note that the IP survey response at approx. 100m depth is overlaid)



Appendix 7

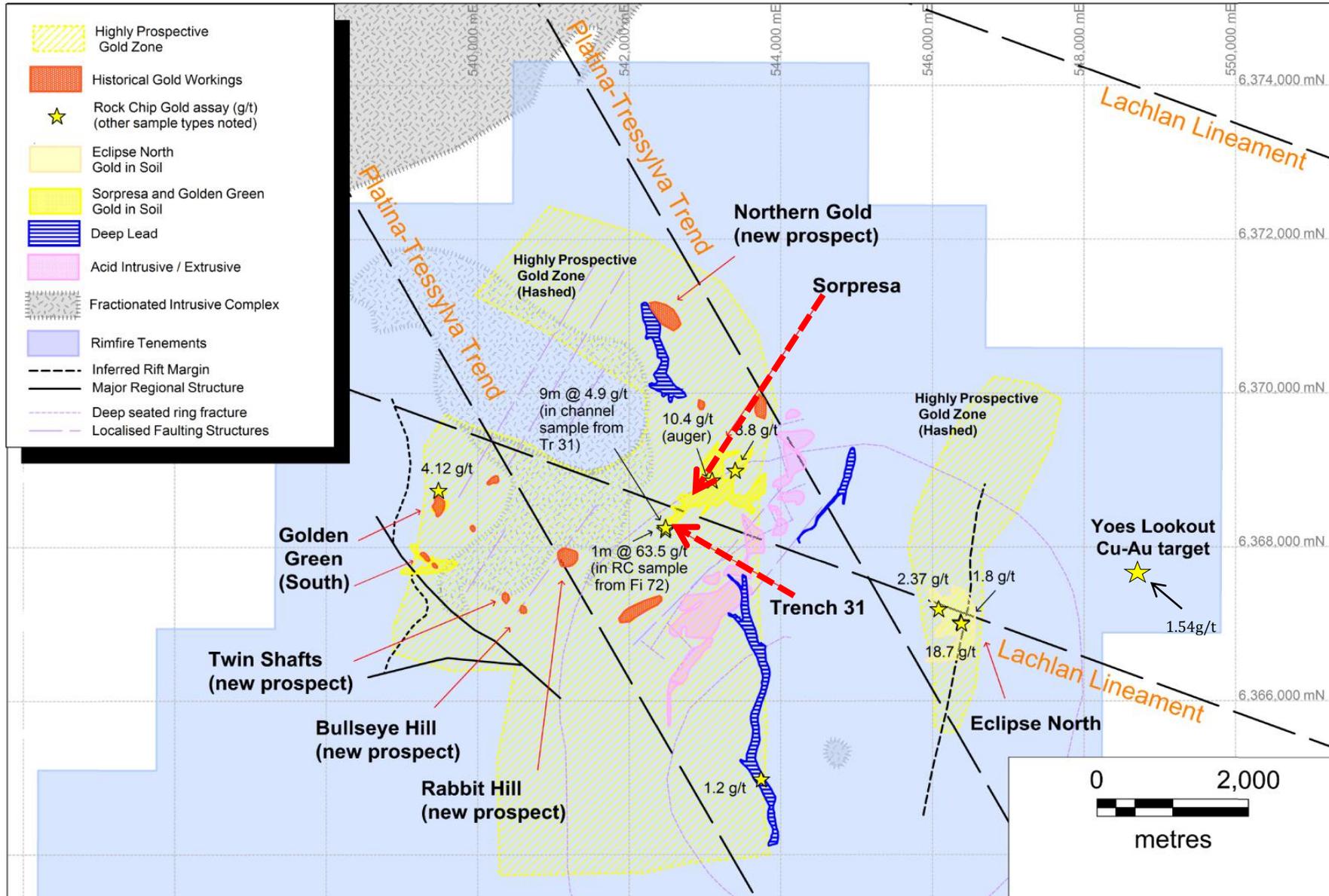
Percussion Drill Locations Sorpresa 2011 and 2012

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



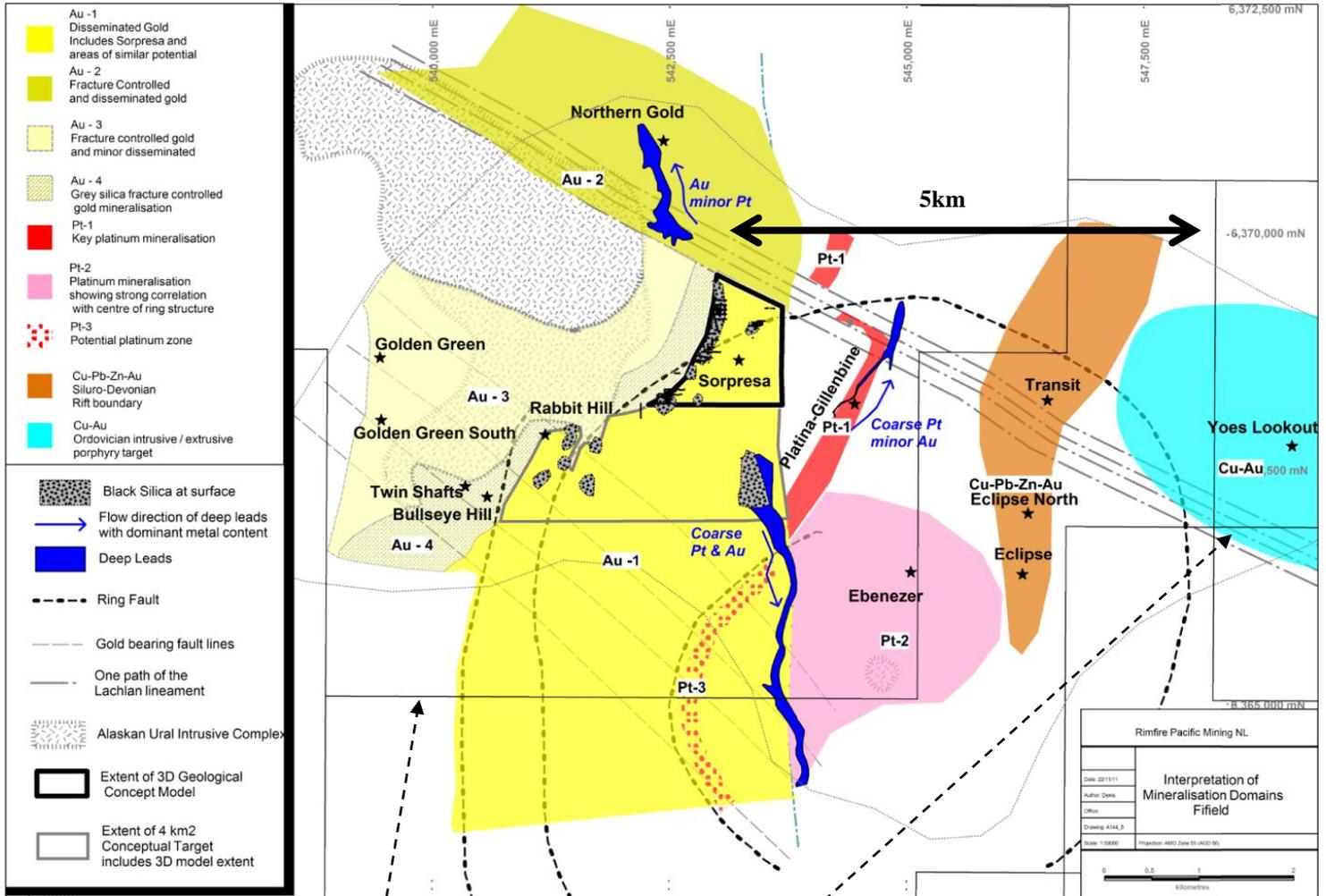
APPENDIX 8

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

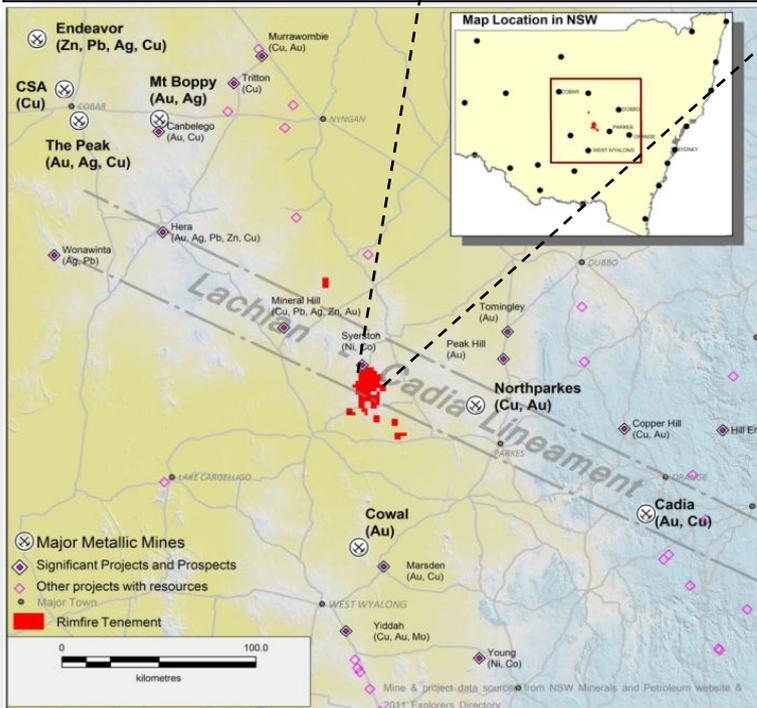


Appendix 9

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