Australian Securities Exchange Announcement

28 March 2014

ASX Market Announcements
Australian Securities Exchange
20 Bridge Street
SYDNEY NSW 2000

High grade gold in new results from Spargoville in WA

Highlights

- Core Farm Paleochannel - 2m @ 46.7g/t Au from 13m including 1m @ 92.6g/t Au from 14m returned from single metre analysis of previous composite sampling of RAB drilling.
- Core Farm Paleochannel - 4m @ 10.0g/t Au from 12m returned from Aircore drilling
- Core Farm Weathered Basement – 4m @ 3.49g/t Au from 36m and 4m @ 1.45g/t Au from 40m from Aircore drilling.
- Golden Orb South Weathered Basement - 4m @ 5.83g/t Au from 40m returned from Aircore Drilling
- Fugitive Weathered Basement - 15m @ 2.56g/t Au from 44m including 4m @ 6.01g/t Au from 48m returned from Aircore drilling.
- Follow-up RC and Aircore drilling planned for Q2 2014.

Tychean Resources Ltd (ASX: TYK) (**Tychean** or **Company**) is pleased to announce that highly anomalous gold intercepts, in one instance up to 92g/t gold, have been returned from new drilling and resampling at the Company's wholly-owned Spargoville Gold Project in the Eastern Goldfields of Western Australia.

The new results are from both the one metre resampling of the significant (≥1.0g/t Au) composite results from the RAB drilling program completed in November 2013 and the recent Air Core drilling programme at Core Farm, Golden Orb South and Fugitive Prospects (Figure 1).

[1] – Announcement 17 December 2013 – Spargoville Gold Project – Drill Results

One metre RAB drilling resampling

A total of 44 one metre samples were collected from significant (≥1.0g/t Au) composite samples[1] returned from RAB drilling completed during November 2013 centred on the Core Farm Prospect. The sampling highlighted a highly significant intercept of 2m @ 46.7g/t Au from 13m including 1m @ 92.6g/t Au from 14m (SRRB0064) from the initial four metre composite result of 4m @ 22.0g/t Au from 12m. The high grade gold intercept is located at the base of the transported cover and is interpreted to be paleochannel related rather than supergene.

All single metre results are tabulated in Table 1 and all relevant collar details in Table 3 below.

Aircore drilling programme - Spargoville

A total of 149 Aircore drill holes for 4,305 metres (Table 4) were completed during March 2014 in order to infill and further define drilling gold anomalism at the Golden Orb South and Core Farm prospects and further evaluate auger and drilling gold anomalism at Déjà Vu and Fugitive. The completed drilling was primarily targeting localised high grade gold mineralisation, similar to that mined at the nearby high grade but now closed Wattle Dam gold mine.

Composite results received from the completed drilling have returned several anomalous (≥0.5g/t Au) intercepts (Table 2), including highly significant results of 4m @ 10.0g/t Au from 16m, (SPAC0068, Core Farm), 4m @ 5.83g/t Au from 40m (SPAC0008, Golden Orb South) and 15m @ 2.56g/t Au from 44m (SPAC0142, Fugitive). The anomalous results collectively have identified mineralised trends at Core Farm, Golden Orb South and Fugitive and which require further evaluation along strike and at depth.

The identified mineralised trends at Core Farm, Golden Orb South and Fugitive interpreted within the Archaean basement are expected to be further evaluated via Reverse Circulation (RC) drilling planned for Q2 2014, in conjunction with planned RC drilling at Spargoville's Hilditch Gold and 5B prospects. Interpreted paleochannel mineralisation at Core Farm will be further evaluated with close spaced vertical air core drilling to 5 metre hole spacing's. Single metre samples of the anomalous intercepts will also be taken in order to assist with the distribution of the gold in each hole and the area as a whole.

TECHNICAL SUMMARY – AIRCORE DRILLING

Core Farm

A total of 50 Aircore holes for 2,351m were completed to test extensions and the source for the previously reported anomalous composite result of 4m @ 22.0g/t Au from 12m (SRRB0064) returned from RAB drilling complete during November 2013.

This drilling at Core Farm intersected predominantly felsic intrusive lithologies in contact with ultramafic and mafic/ultramafic lithologies to the west and east respectively. The Archaean

lithologies are covered by varying depths of transported material, to a maximum of 22 metres vertically.

The highly anomalous composite Aircore result of 4m @ 10.0g/t Au from 16m, (SPAC0068), returned from the Core Farm Prospect is interpreted to be associated with the paleochannel mineralisation within previous RAB drilling, (SRRB0064), which returned 1m @ 92.6g/t Au from 14m. Similar paleochannel mineralisation is interpreted to have been intersected over 200 metres to the north of the above intercepts, within SPAC0085 of 4m @ 2.99g/t Au from 16m and within previous RC drilling by Ramelius Resources Limited, including 1m @ 12.5g/t Au from 13m (SRRC0012).

Anomalous intercepts were also intercepted within the weathered basement adjacent to the contact between felsic intrusive and mafic/ultramafic lithologies at Core Farm including 4m @ 3.49g/t Au from 36m, (SPAC0071) and 4m @ 1.45g/t Au from 40m, (SPAC0060).

Further drilling is required at Core Farm in order to evaluate the significance and potential extent of the paleochannel mineralisation and underlying contact associated mineralisation, via shallow Aircore drilling and RC drilling respectively.

Golden Orb South

A total of 40 Aircore holes for 2,362m were completed to further evaluate strike extensions of mineralisation intersected by drilling completed by Ramelius including a highly anomalous intercept of 12m @ 5.18g/t Au from 28m including 4m @ 9.72g/t Au from 32m, (NWAC0164).

The completed Aircore drilling intercepted ultramafic and mafic lithologies in contact with intrusive felsic rocks which strike roughly north – northwest. Within the completed drilling, a sequence of transported cover was intersected to a maximum depth of 15 metres vertical.

Several anomalous (≥0.5g/t Au) results have been returned from the completed Aircore drilling including 8m @ 1.84g/t Au from 36m (SPAC0023) and 4m @ 5.48g/t Au from 48m (SPAC0019) which were returned from drilling on sections 10 metres to the north and south respectively, of the anomalism highlighted above within NWAC0164. The results are located within ultramafic lithologies adjacent to the contact with a felsic intrusive to the east. Within the area there is an interpreted gold depletion zone ranging in depth extents to 25 – 45 metres from surface.

Further anomalous results, including 4m @ 5.83g/t Au from 40m (SPAC0008) have been returned from drilling adjacent to a similar contact further to the east where previous drilling by Ramelius intersected anomalous results including 5m @ 5.68g/t Au from 53m including 1m @ 19.29g/t Au from 57m (NWRC0001).

Due to an interpreted gold depletion zone ranging in depth extents from 25 to 45 metres from surface at Golden Orb South, the majority of the intercepts within the recent Aircore drilling are interpreted to be supergene related associated with the base of complete oxidation.

RC drilling at depth is required to further evaluate the anomalous horizons identified at Golden Orb South.

Déjà vu

A total of 13 Aircore holes for 343 metres were completed at Déjà Vu to evaluate a zone of >100ppb Au anomalous auger results.

The geology intersected comprised a sequence of sediments and ultramafic lithologies trending roughly north – northwest.

No anomalous (≥0.5g/t Au) intercepts were returned from the completed drilling.

Fugitive

A total of 46 Aircore holes for 1,934 metres were completed at Fugitive in order to evaluate zones of >250ppb Au anomalous auger results and infill and further evaluate anomalism identified by previous RAB and RC drilling.

Fugitive is located approximately 3.5 kilometres along strike from Déjà vu to the north – northwest. The geology of the prospect comprises mafic lithologies in contact with ultramafic lithologies to the east. The most northern margin of the prospect is defined by the extent of auger and drilling gold anomalism and a roughly east west trending Proterozoic dyke, interpreted from aeromagnetic data.

A highly anomalous intercept of 15m @ 2.56g/t Au from 44m including 4m @ 6.01g/t Au from 48m was intersected within SPAC0142 associated with an interpreted mafic/ultramafic contact, adjacent to the southern contact of the Proterozoic dyke.

RC drilling is planned to further evaluate the extent of the mineralisation intercepted at Fugitive.

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Further information relating to Tychean Resources Ltd and its various exploration projects can be found at its website: www.tycheanresources.com

The information contained in this release that relates to exploration results, mineralisation and target generation is based on information compiled by Mr. Matthew Svensson, who is a Member of the Australasian Institute of Geologists (MAIG) and a consulting geologist to the Company. Mr. Svensson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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". Mr. Svensson consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Table 1 Anomalous Single Metre RAB Intercepts – RAB Drilling November 2013

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Prospect	Comments
SPRB0002	36	38	2	2.35	Golden Orb South	
SPRB0003	11	14	3	1.53	Golden Orb South	
Including	11	12	1	3.14	Golden Orb South	
SPRB0006	41	44	3	2.02	Golden Orb South	
SPRB0020	36	38	2	2.39	Golden Orb South	
SPRB0033	45	46	1	3.37	Golden Orb South	
SPRB0050	36	37	1	3.19	Core Farm	
SPRB0056	25	32	7	1.84	Core Farm	EOH
including	29	30	1	5.63	Core Farm	
SPRB0064	13	15	2	46.7	Core Farm	
including	14	15	1	92.6	Core Farm	
SPRB0075	56	59	3	0.9	8500N	

EOH – Anomalous intercept reported to the end of the drill hole.

Table 2 Anomalous Air Core Intercepts – Air Core Drilling February 2014

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Prospect	Comments
SPAC0002	40	44	4	1.37	Golden Orb South	
SPAC0003	44	48	4	0.50	Golden Orb South	
SPAC0007	16	20	4	1.52	Golden Orb South	
SPAC0007	40	44	4	3.33	Golden Orb South	
SPAC0008	40	44	4	5.83	Golden Orb South	
SPAC0009	60	64	4	1.18	Golden Orb South	
SPAC0009	72	75	3	0.67	Golden Orb South	EOH
SPAC0010	48	56	8	0.92	Golden Orb South	
SPAC0012	32	36	4	0.81	Golden Orb South	

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Prospect	Comments
SPAC0015	4	8	4	0.51	Golden Orb South	
SPAC0016	0	4	4	0.56	Golden Orb South	
SPAC0019	48	52	4	5.48	Golden Orb South	
SPAC0020	0	4	4	1.50	Golden Orb South	
SPAC0021	0	4	4	0.71	Golden Orb South	
SPAC0022	32	36	4	0.61	Golden Orb South	
SPAC0023	36	44	8	1.84	Golden Orb South	
SPAC0026	0	12	12	0.84	Golden Orb South	
incl	8	12	4	1.27	Golden Orb South	
SPAC0027	8	12	4	0.75	Golden Orb South	
SPAC0033	4	8	4	1.74	Golden Orb South	
SPAC0034	0	4	4	0.59	Golden Orb South	
SPAC0060	40	44	4	1.45	Core Farm	
SPAC0065	36	39	3	0.77	Core Farm	EOH
SPAC0068	16	20	4	10.0	Core Farm	
and	36	38	2	0.85	Core Farm	EOH
SPAC0071	36	40	4	3.49	Core Farm	
SPAC0075	12	16	4	0.87	Core Farm	
SPAC0077	44	48	4	0.55	Core Farm	
SPAC0079	8	12	4	0.58	Core Farm	
and	40	48	8	0.90	Core Farm	
incl	40	44	4	1.23	Core Farm	
and	52	56	4	0.70	Core Farm	
SPAC0085	4	20	16	1.25	Core Farm	
incl	16	20	4	2.99	Core Farm	
SPAC0087	16	20	4	0.55	Core Farm	
SPAC0088	36	43	7	1.34	Core Farm	EOH
incl	36	40	4	1.92	Core Farm	
SPAC0089	44	46	2	0.91	Core Farm	EOH
SPAC0090	32	40	8	0.58	Core Farm	
SPAC0104	16	20	4	1.13	Fugitive	
SPAC0105	32	40	8	1.34	Fugitive	
incl	32	36	4	1.82	Fugitive	
SPAC0107	32	40	8	0.69	Fugitive	
SPAC0109	32	36	4	1.75	Fugitive	
SPAC0110	56	57	1	0.80	Fugitive	EOH
SPAC0114	44	48	4	0.65	Fugitive	
SPAC0115	0	4	4	0.61	Fugitive	
SPAC0120	28	32	4	1.10	Fugitive	

Hole ID	From (m)	To (m)	Length (m)	Au (g/t)	Prospect	Comments
SPAC0125	24	32	8	0.94	Fugitive	
SPAC0126	28	32	4	0.75	Fugitive	
and	40	44	4	0.80	Fugitive	
and	48	50	2	0.56	Fugitive	EOH
SPAC0129	16	20	4	1.20	Fugitive	
and	24	28	4	1.11	Fugitive	
SPAC0134	32	36	4	0.81	Fugitive	
SPAC0136	24	26	2	0.61	Fugitive	EOH
SPAC0138	24	32	8	0.65	Fugitive	
SPAC0141	12	16	4	0.52	Fugitive	
and	20	24	4	0.74	Fugitive	
SPAC0142	12	16	4	0.68	Fugitive	
and	32	40	8	0.73	Fugitive	
and	44	59	15	2.56	Fugitive	EOH
incl	48	52	4	6.01	Fugitive	
SPAC0146	20	24	4	0.64	Fugitive	
SPAC0147	20	28	8	0.65	Fugitive	

EOH – Anomalous intercept reported to the end of the drill hole

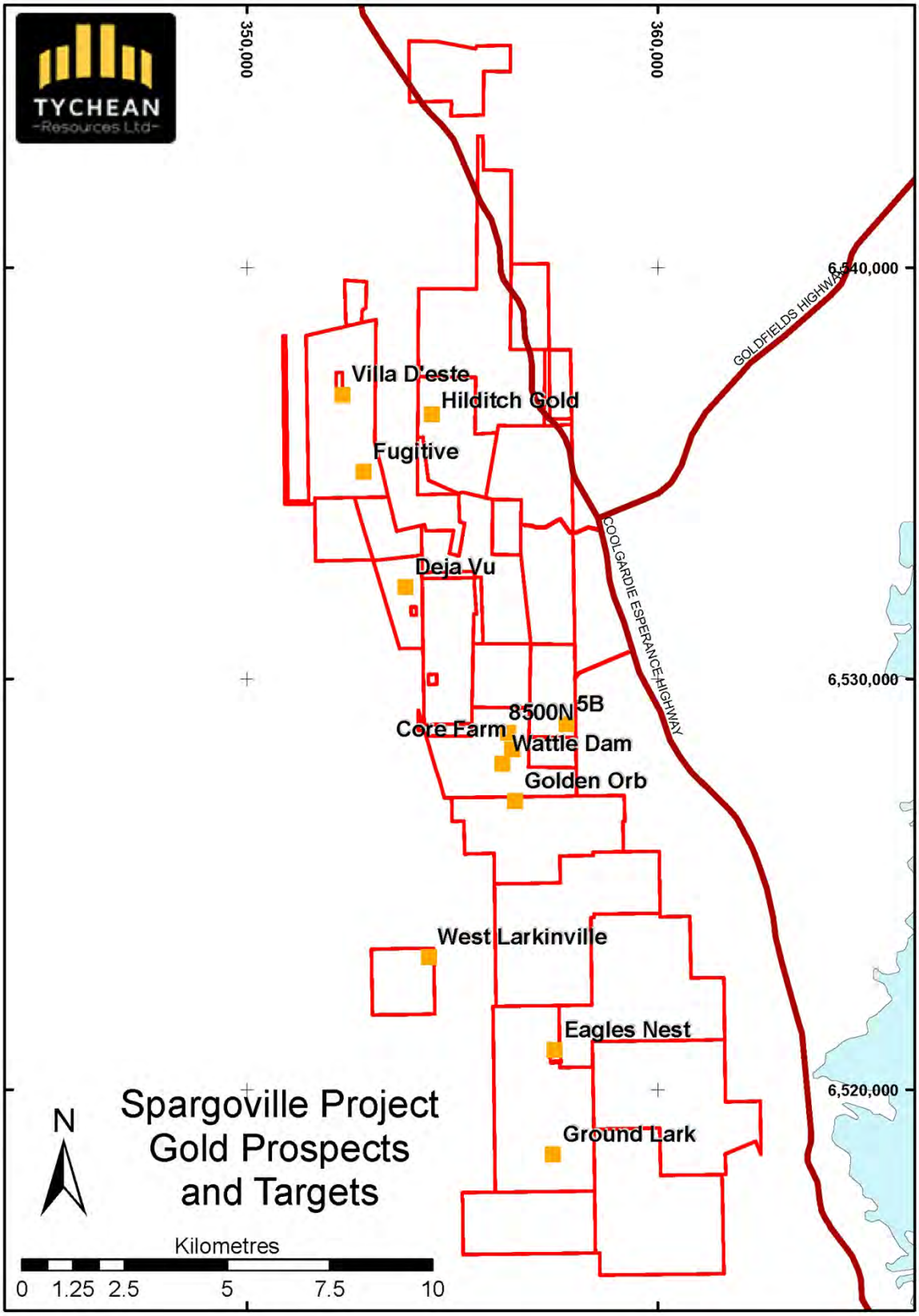

Figure 1 – Spargoville Gold Project – Prospect Location Plan

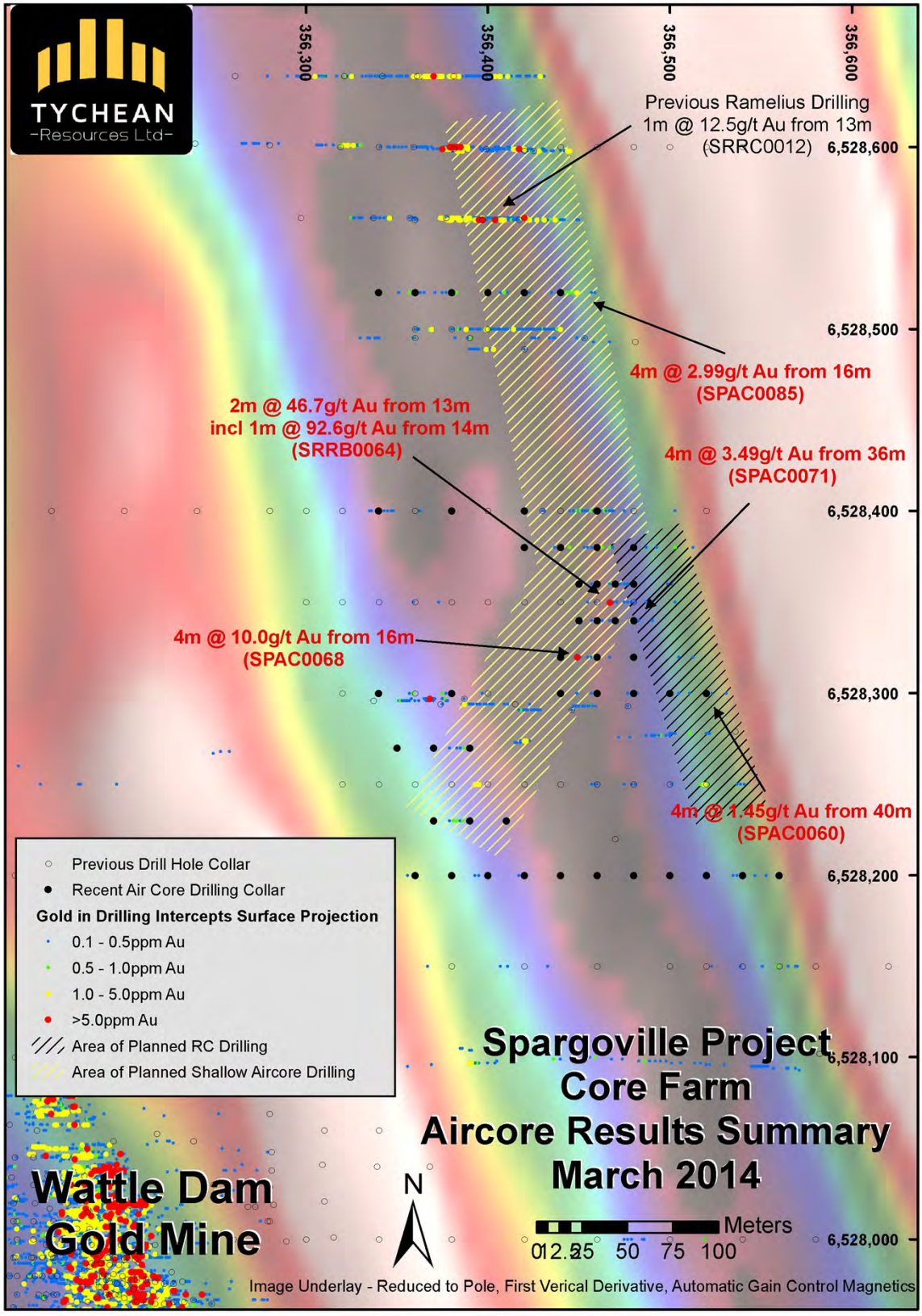

Figure 2 – Spargoville Gold Project – Core Farm Drilling Results Summary

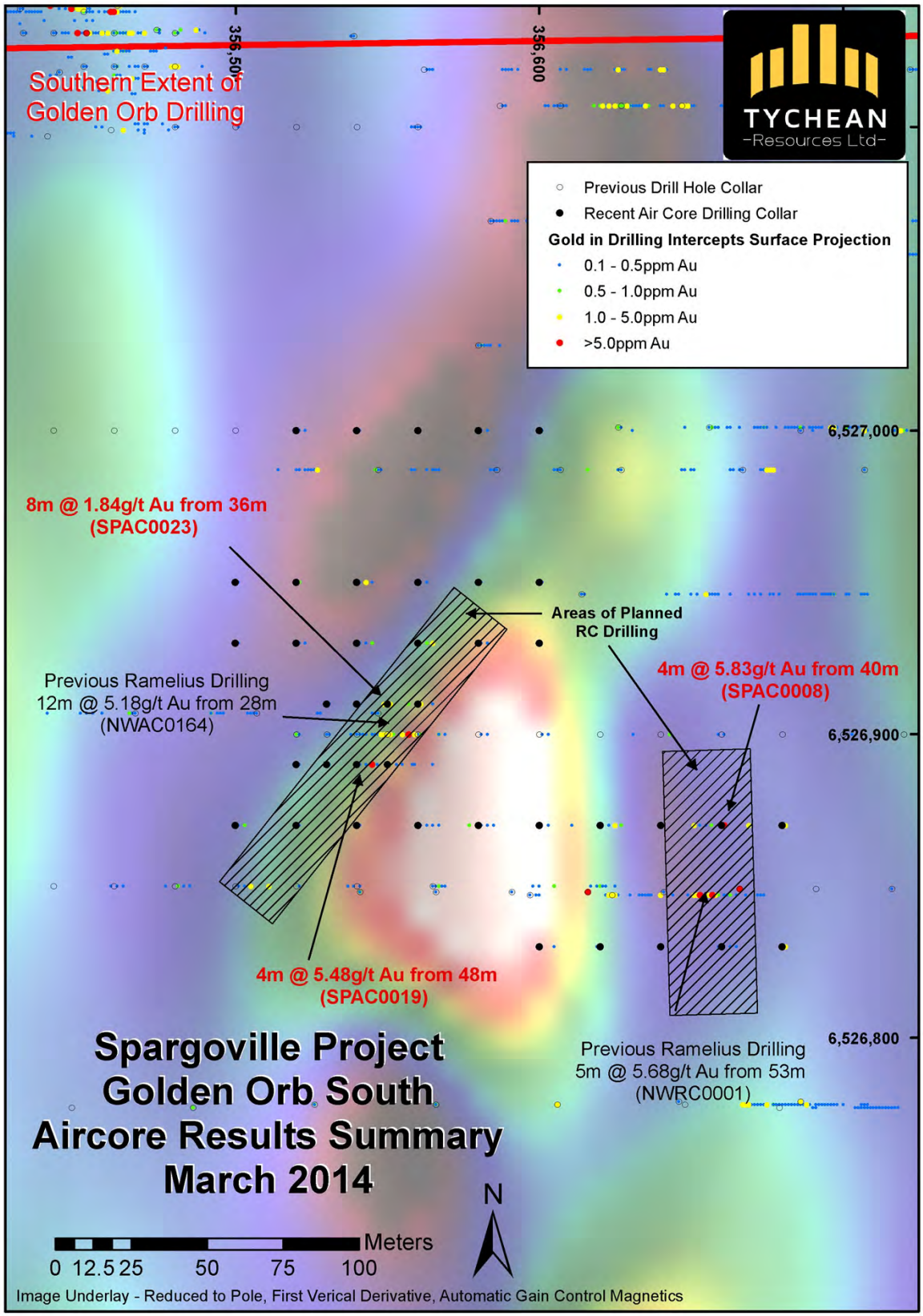

Figure 3 – Spargoville Gold Project – Golden Orb South Drilling Results Summary

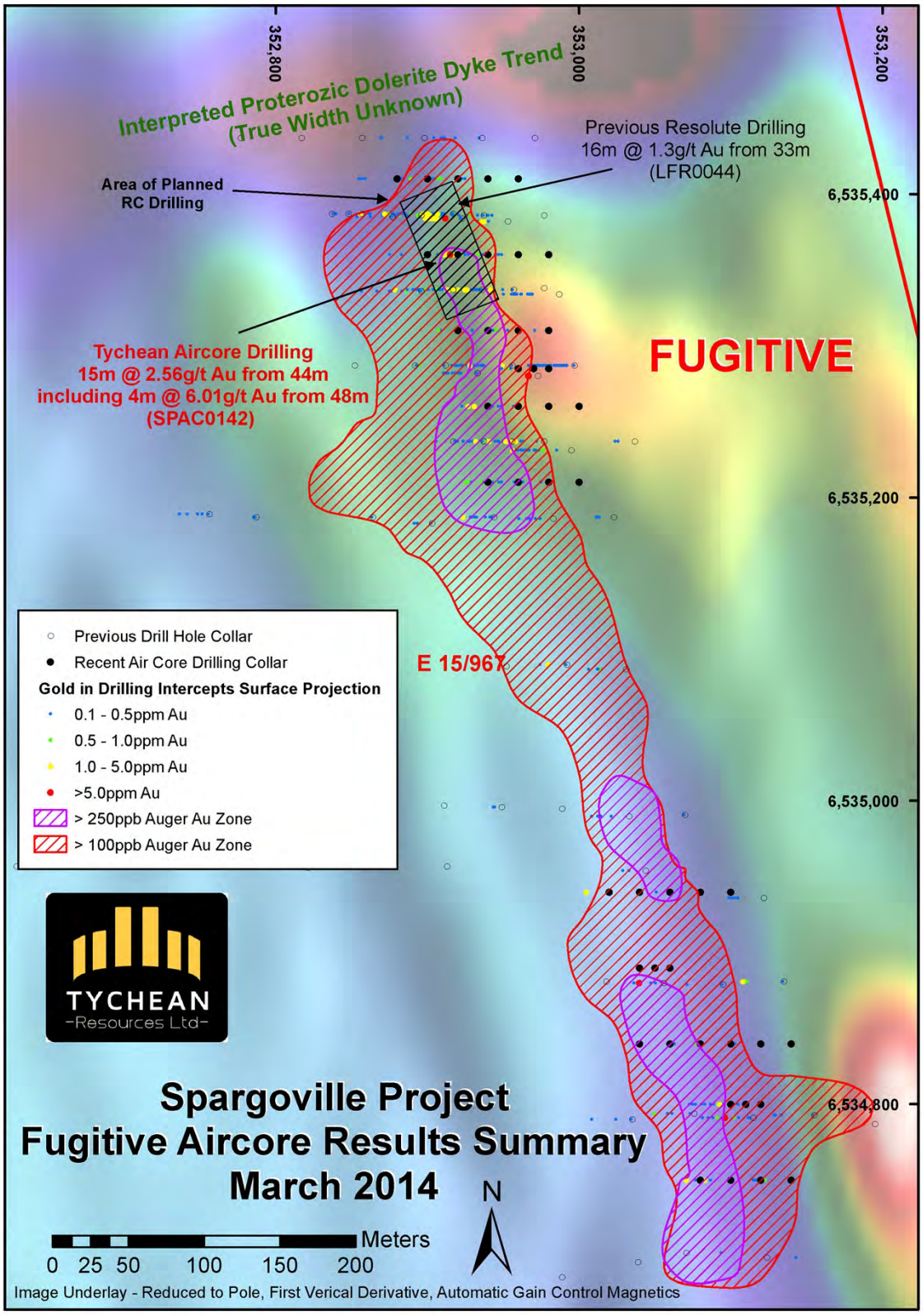

Figure 4 – Spargoville Gold Project – Fugitive Drilling Results Summary

Table 3 – Drill Hole Collar Details – RAB Drilling Resampling February 2014

Hole ID	Easting (GDA)	Northing (GDA)	Nominal RL (m)	Azimuth	Dip	Total Depth (m)	Tenement	Prospect
SPRB0002	356600	6527150	340	90	-60	58	M15/1101	Golden Orb East
SPRB0003	356620	6527150	340	90	-60	53	M15/1101	Golden Orb East
SPRB0006	356720	6527250	340	90	-60	45	M15/1101	Golden Orb East
SPRB0020	356540	6527300	340	90	-60	53	M15/1101	Golden Orb East
SPRB0033	356720	6527650	340	90	-60	74	M15/1101	Golden Orb East
SPRB0050	356500	6528250	340	90	-60	55	M15/1101	Core Farm
SPRB0056	356380	6528250	340	90	-60	32	M15/1101	Core Farm
SPRB0064	356460	6528350	340	90	-60	59	M15/1101	Core Farm
SPRB0075	356220	6528700	340	90	-60	68	M15/1101	8500 North

Table 4 - Drill Hole Collar Details – Aircore Drilling March 2014

Hole ID	Easting (GDA)	Northing (GDA)	Nominal RL (m)	Azimuth	Dip	Total Depth (m)	Tenement	Prospect
SPAC0001	356680	6526830	340	90	-60	47	M15/97	Golden Orb South
SPAC0002	356660	6526830	340	90	-60	53	M15/97	Golden Orb South
SPAC0003	356640	6526830	340	90	-60	52	M15/97	Golden Orb South
SPAC0004	356620	6526830	340	90	-60	62	M15/97	Golden Orb South
SPAC0005	356600	6526830	340	90	-60	63	M15/97	Golden Orb South
SPAC0006	356680	6526870	340	90	-60	49	M15/97	Golden Orb South
SPAC0007	356660	6526870	340	90	-60	53	M15/97	Golden Orb South
SPAC0008	356640	6526870	340	90	-60	64	M15/97	Golden Orb South
SPAC0009	356620	6526870	340	90	-60	75	M15/97	Golden Orb South
SPAC0010	356600	6526870	340	90	-60	64	M15/97	Golden Orb South
SPAC0011	356580	6526870	340	90	-60	63	M15/97	Golden Orb South
SPAC0012	356560	6526870	340	90	-60	62	M15/97	Golden Orb South
SPAC0013	356540	6526870	340	90	-60	68	M15/97	Golden Orb South
SPAC0014	356520	6526870	340	90	-60	61	M15/97	Golden Orb South
SPAC0015	356500	6526870	340	90	-60	56	M15/97	Golden Orb South
SPAC0016	356550	6526890	340	90	-60	60	M15/97	Golden Orb South
SPAC0017	356540	6526890	340	90	-60	61	M15/97	Golden Orb South
SPAC0018	356530	6526890	340	90	-60	57	M15/97	Golden Orb South
SPAC0019	356520	6526890	340	90	-60	55	M15/97	Golden Orb South
SPAC0020	356560	6526910	340	90	-60	56	M15/97	Golden Orb South
SPAC0021	356550	6526910	340	90	-60	56	M15/97	Golden Orb South
SPAC0022	356540	6526910	340	90	-60	60	M15/97	Golden Orb South
SPAC0023	356530	6526910	340	90	-60	61	M15/97	Golden Orb South
SPAC0024	356600	6526930	340	90	-60	60	M15/97	Golden Orb South
SPAC0025	356580	6526930	340	90	-60	59	M15/97	Golden Orb South

Hole ID	Easting (GDA)	Northing (GDA)	Nominal RL (m)	Azimuth	Dip	Total Depth (m)	Tenement	Prospect
SPAC0026	356560	6526930	340	90	-60	57	M15/97	Golden Orb South
SPAC0027	356540	6526930	340	90	-60	58	M15/97	Golden Orb South
SPAC0028	356520	6526930	340	90	-60	46	M15/97	Golden Orb South
SPAC0029	356500	6526930	340	90	-60	41	M15/97	Golden Orb South
SPAC0030	356600	6526950	340	90	-60	62	M15/97	Golden Orb South
SPAC0031	356580	6526950	340	90	-60	65	M15/97	Golden Orb South
SPAC0032	356560	6526950	340	90	-60	54	M15/97	Golden Orb South
SPAC0033	356540	6526950	340	90	-60	59	M15/97	Golden Orb South
SPAC0034	356520	6526950	340	90	-60	53	M15/97	Golden Orb South
SPAC0035	356500	6526950	340	90	-60	44	M15/97	Golden Orb South
SPAC0036	356600	6527000	340	90	-60	63	M15/97	Golden Orb South
SPAC0037	356580	6527000	340	90	-60	65	M15/97	Golden Orb South
SPAC0038	356560	6527000	340	90	-60	64	M15/97	Golden Orb South
SPAC0039	356540	6527000	340	90	-60	75	M15/97	Golden Orb South
SPAC0040	356520	6527000	340	90	-60	79	M15/97	Golden Orb South
SPAC0041	356560	6528200	340	90	-60	60	M15/1101	Core Farm
SPAC0042	356540	6528200	340	90	-60	56	M15/1101	Core Farm
SPAC0043	356520	6528200	340	90	-60	68	M15/1101	Core Farm
SPAC0044	356500	6528200	340	90	-60	59	M15/1101	Core Farm
SPAC0045	356480	6528200	340	90	-60	58	M15/1101	Core Farm
SPAC0046	356460	6528200	340	90	-60	49	M15/1101	Core Farm
SPAC0047	356440	6528200	340	90	-60	39	M15/1101	Core Farm
SPAC0048	356420	6528200	340	90	-60	31	M15/1101	Core Farm
SPAC0049	356400	6528200	340	90	-60	36	M15/1101	Core Farm
SPAC0050	356380	6528200	340	90	-60	32	M15/1101	Core Farm
SPAC0051	356360	6528200	340	90	-60	68	M15/1101	Core Farm
SPAC0052	356340	6528200	340	90	-60	45	M15/1101	Core Farm
SPAC0053	356410	6528230	340	90	-60	33	M15/1101	Core Farm
SPAC0054	356390	6528230	340	90	-60	35	M15/1101	Core Farm
SPAC0055	356370	6528230	340	90	-60	33	M15/1101	Core Farm
SPAC0056	356390	6528270	340	90	-60	36	M15/1101	Core Farm
SPAC0057	356370	6528270	340	90	-60	35	M15/1101	Core Farm
SPAC0058	356350	6528270	340	90	-60	11	M15/1101	Core Farm
SPAC0059	356520	6528300	340	90	-60	51	M15/1101	Core Farm
SPAC0060	356500	6528300	340	90	-60	52	M15/1101	Core Farm
SPAC0061	356480	6528300	340	90	-60	69	M15/1101	Core Farm
SPAC0062	356460	6528300	340	90	-60	45	M15/1101	Core Farm
SPAC0063	356440	6528300	340	90	-60	40	M15/1101	Core Farm
SPAC0064	356380	6528300	340	90	-60	36	M15/1101	Core Farm
SPAC0065	356340	6528300	340	90	-60	39	M15/1101	Core Farm
SPAC0066	356480	6528320	340	90	-60	68	M15/1101	Core Farm
SPAC0067	356460	6528320	340	90	-60	39	M15/1101	Core Farm
SPAC0068	356440	6528320	340	90	-60	38	M15/1101	Core Farm
SPAC0069	356480	6528340	340	90	-60	61	M15/1101	Core Farm
SPAC0070	356470	6528340	340	90	-60	58	M15/1101	Core Farm
SPAC0071	356460	6528340	340	90	-60	62	M15/1101	Core Farm

Hole ID	Easting (GDA)	Northing (GDA)	Nominal RL (m)	Azimuth	Dip	Total Depth (m)	Tenement	Prospect
SPAC0072	356450	6528340	340	90	-60	44	M15/1101	Core Farm
SPAC0073	356480	6528360	340	90	-60	47	M15/1101	Core Farm
SPAC0074	356470	6528360	340	90	-60	64	M15/1101	Core Farm
SPAC0075	356460	6528360	340	90	-60	56	M15/1101	Core Farm
SPAC0076	356450	6528360	340	90	-60	53	M15/1101	Core Farm
SPAC0077	356480	6528380	340	90	-60	71	M15/1101	Core Farm
SPAC0078	356460	6528380	340	90	-60	67	M15/1101	Core Farm
SPAC0079	356440	6528380	340	90	-60	59	M15/1101	Core Farm
SPAC0080	356420	6528380	340	90	-60	35	M15/1101	Core Farm
SPAC0081	356460	6528400	340	90	-60	50	M15/1101	Core Farm
SPAC0082	356420	6528400	340	90	-60	26	M15/1101	Core Farm
SPAC0083	356380	6528400	340	90	-60	35	M15/1101	Core Farm
SPAC0084	356340	6528400	340	90	-60	47	M15/1101	Core Farm
SPAC0085	356440	6528520	340	90	-60	41	M15/1101	Core Farm
SPAC0086	356420	6528520	340	90	-60	34	M15/1101	Core Farm
SPAC0087	356400	6528520	340	90	-60	32	M15/1101	Core Farm
SPAC0088	356380	6528520	340	90	-60	43	M15/1101	Core Farm
SPAC0089	356360	6528520	340	90	-60	46	M15/1101	Core Farm
SPAC0090	356340	6528520	340	90	-60	59	M15/1101	Core Farm
SPAC0091	353800	6532050	340	270	-60	30	P15/4299	Déjà Vu
SPAC0092	353820	6532050	340	270	-60	35	P15/4299	Déjà Vu
SPAC0093	353840	6532050	340	270	-60	24	P15/4299	Déjà Vu
SPAC0094	353860	6532050	340	270	-60	41	P15/4299	Déjà Vu
SPAC0095	353880	6532050	340	270	-60	29	P15/4299	Déjà Vu
SPAC0096	353760	6531980	340	180	-60	9	P15/4299	Déjà Vu
SPAC0097	353760	6532000	340	180	-60	17	P15/4299	Déjà Vu
SPAC0098	353760	6532020	340	180	-60	1	P15/4299	Déjà Vu
SPAC0099	353800	6532200	340	270	-60	33	P15/4299	Déjà Vu
SPAC0100	353820	6532200	340	270	-60	14	P15/4299	Déjà Vu
SPAC0101	353840	6532200	340	270	-60	21	P15/4299	Déjà Vu
SPAC0102	353860	6532200	340	270	-60	41	P15/4299	Déjà Vu
SPAC0103	353880	6532200	340	270	-60	48	P15/4299	Déjà Vu
SPAC0104	353080	6534750	340	270	-60	67	E15/967	Fugitive
SPAC0105	353100	6534750	340	270	-60	43	E15/967	Fugitive
SPAC0106	353120	6534750	340	270	-60	47	E15/967	Fugitive
SPAC0107	353140	6534750	340	270	-60	55	E15/967	Fugitive
SPAC0108	353100	6534800	340	270	-60	56	E15/967	Fugitive
SPAC0109	353110	6534800	340	270	-60	56	E15/967	Fugitive
SPAC0110	353120	6534800	340	270	-60	57	E15/967	Fugitive
SPAC0111	353040	6534840	340	270	-60	50	E15/967	Fugitive
SPAC0112	353060	6534840	340	270	-60	58	E15/967	Fugitive
SPAC0113	353080	6534840	340	270	-60	48	E15/967	Fugitive
SPAC0114	353100	6534840	340	270	-60	50	E15/967	Fugitive
SPAC0115	353120	6534840	340	270	-60	43	E15/967	Fugitive
SPAC0116	353140	6534840	340	270	-60	44	E15/967	Fugitive
SPAC0117	353040	6534890	340	270	-60	53	E15/967	Fugitive

Hole ID	Easting (GDA)	Northing (GDA)	Nominal RL (m)	Azimuth	Dip	Total Depth (m)	Tenement	Prospect
SPAC0118	353050	6534890	340	270	-60	35	E15/967	Fugitive
SPAC0119	353060	6534890	340	270	-60	43	E15/967	Fugitive
SPAC0120	353020	6534940	340	270	-60	46	E15/967	Fugitive
SPAC0121	353040	6534940	340	270	-60	44	E15/967	Fugitive
SPAC0122	353060	6534940	340	270	-60	38	E15/967	Fugitive
SPAC0123	353080	6534940	340	270	-60	40	E15/967	Fugitive
SPAC0124	353100	6534940	340	270	-60	36	E15/967	Fugitive
SPAC0125	352940	6535210	340	270	-60	37	E15/967	Fugitive
SPAC0126	352960	6535210	340	270	-60	50	E15/967	Fugitive
SPAC0127	352980	6535210	340	270	-60	46	E15/967	Fugitive
SPAC0128	353000	6535210	340	270	-60	7	E15/967	Fugitive
SPAC0129	352940	6535260	340	270	-60	36	E15/967	Fugitive
SPAC0130	352960	6535260	340	270	-60	40	E15/967	Fugitive
SPAC0131	352980	6535260	340	270	-60	35	E15/967	Fugitive
SPAC0132	353000	6535260	340	270	-60	19	E15/967	Fugitive
SPAC0133	352960	6535285	340	270	-60	34	E15/967	Fugitive
SPAC0134	352970	6535285	340	270	-60	39	E15/967	Fugitive
SPAC0135	352980	6535285	340	270	-60	17	E15/967	Fugitive
SPAC0136	352920	6535310	340	270	-60	26	E15/967	Fugitive
SPAC0137	352940	6535310	340	270	-60	21	E15/967	Fugitive
SPAC0138	352960	6535310	340	270	-60	35	E15/967	Fugitive
SPAC0139	352980	6535310	340	270	-60	31	E15/967	Fugitive
SPAC0140	352900	6535360	340	270	-60	51	E15/967	Fugitive
SPAC0141	352920	6535360	340	270	-60	58	E15/967	Fugitive
SPAC0142	352940	6535360	340	270	-60	59	E15/967	Fugitive
SPAC0143	352960	6535360	340	270	-60	49	E15/967	Fugitive
SPAC0144	352980	6535360	340	270	-60	29	E15/967	Fugitive
SPAC0145	352880	6535410	340	270	-60	53	E15/967	Fugitive
SPAC0146	352900	6535410	340	270	-60	43	E15/967	Fugitive
SPAC0147	352920	6535410	340	270	-60	51	E15/967	Fugitive
SPAC0148	352940	6535410	340	270	-60	38	E15/967	Fugitive
SPAC0149	352960	6535410	340	270	-60	31	E15/967	Fugitive

JORC TABLE 1

Section 1: Sampling Techniques & Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.*	The Golden Orb South and Core Farm, Deja Vu and Fugitive Prospects were sampled by Aircore Drilling at various drill spacings, to a minimum drill spacing of 10m x 10m. All locations are depicted on the included figures. A total of 149 Aircore drill holes for 6,990 metres were completed. Four metre composite samples were collected for laboratory analysis.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	A consistent scoop sampling method has been adopted for either composite or single metre scoop sampling drilling. All sampling protocols remained constant throughout the program. All hole locations were determined by handheld GPS.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	Aircore or RAB drilling was used to obtain one metre drill samples from which approximately a 2-3 kg sub-sample (scoop sampled as per above) was pulverized (>90% smaller than 75 micron) to produce a pulp sample for analysis. Analysis of the four metre composite samples comprised a 25g aqua regia digest, solvent extraction then Flame Atomic Absorption Spectrometry for Au determination to a lower detection limit of 0.01ppm Au.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	All drilling was completed via Aircore or RAB Drilling. All holes were completed to blade refusal for an average depth of approximately 46 metres.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	No recording of recoveries was undertaken.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Drill cyclone and sample buckets are cleaned when required during each drill hole and after each hole to minimise down hole and/or cross contamination.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	No relationship has been identified to date.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*	The use of scoop sampled drilling is not appropriate for mineral resource estimate and is considered a qualitative sampling technique.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	Logging of drill chips recorded lithology, weathering, veining, mineralisation, and other features of the drill samples. A EOH chip sample reference was collected for each hole.
	The total length and percentage of the relevant intersections logged.	All drill holes were logged in full from start to end of hole.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	No core.
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	The drilling comprised dry samples which were scoop sampled.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The sample preparation of the chip samples follows industry best practice in sample preparation involving oven drying, crushing and pulverising of the total sample (total prep) so that a minimum of 90% of pulverized material is less than 75µm grind size.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	The laboratory conducted up to one repeat analysis on all samples returning >0.1ppm Au and conducted routine 1 in 20 check analysis and regular blank and mineralized standard analyses throughout.
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results	No duplicate sampling was completed. All samples were collected to weigh less than 3kg to ensure the entire sample is

	for field duplicate/second-half sampling.	pulverized prior to subsampling for digesting.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Given the qualitative nature of the sampling technique, the sample sizes are considered appropriate to give an indication of degree and extent of anomalism.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	The aqua regia digest is considered a near total digest and is appropriate considering the nature of sample collected.
	For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	None used
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	The laboratory conducted up to two repeat analysis on all samples returning >0.1ppm Au and conducted routine 1 in 20 check analysis and regular blank and mineralized standard analyses throughout. From these results it has been determined that an acceptable level of accuracy and precision has been achieved.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	None undertaken.
	The use of twinned holes.	None undertaken.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Field and laboratory data have been collected electronically. The electronic data has been validated visually and automatically using Micromine software..
	Discuss any adjustment to assay data.	None undertaken.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	The location of drill hole collars was determined by handheld GPS prior to drilling which is expected to have an accuracy of +/- 5m. The level of accuracy of the collar location details is considered appropriate for the nature of drilling completed.
	Specification of the grid system used.	The coordinate system in use was GDA1994 MGA Zone 51.
	Quality and adequacy of topographic control.	A nominal RL of 340m has been used for the drilling.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	The majority of drilling ensured drill coverage of at least 20m x 50m.
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	At this stage no mineral resource or reserve estimates have been undertaken. Collected samples and subsequent results from the drilling are not suitable for incorporation into mineral resource or ore reserve estimations.
	Whether sample compositing has been applied.	Four metre scoop composites and single metres scoop samples were collected from the drill samples in the field.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	The completed drilling was undertaken roughly perpendicular to the strike direction of the geology and related mineralisation.
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	No orientation based sampling bias has been identified in the data
Sample security	The measures taken to ensure sample security.	All samples were delivered to Kambalda daily where they were securely stored in a locked compound, until transported to Minanalytical Laboratory Services in Perth, via Kalgoorlie on a weekly basis. All single metre scoop samples were collected and delivered the same day to Genalysis Laboratories, Kalgoorlie.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been undertaken.

JORC TABLE 2

Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	The completed drilling is located within tenement E15/967, M15/97, M15/1101, and P15/4299 of the Spargoville project which are currently owned 100% by Tychean Resources Limited. The nickel rights over tenement E15/967 and P15/4299 are held by Minotaur Exploration.

	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	There are no existing impediments to the tenement.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	Previous exploration within the area comprises surface geochemistry, drilling, airborne and ground geophysics and was conducted by various companies. The majority of the exploration within E15/967 and P15/4299 has been completed by Resolute, Breakaway Resources and Ramelius Resources. Previous exploration within tenement M15/97 has been completed by WMC, Goldfields and Ramelius Resources. ACM Gold, Spinifex and Ramelius Resources completed the majority of exploration with M15/1101.
Geology	*Deposit type, geological setting and style of mineralisation.*	The geology within the project area is dominated by Archaean mafic/ultramafic and sedimentary lithologies and minor felsic intrusive. Hydrothermal vein and shear related gold mineralisation is being targeted by exploration within the tenement.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* *easting and northing of the drill hole collar* *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* *dip and azimuth of the hole* *down hole length and interception depth* *hole length.*	All drill hole locations are depicted on the included figures within the body of text and all relevant hole collar details are included as Tables 3 and 4.
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	No information has been excluded
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	When reporting exploration results, an average of the original assay and any available repeat assays are averaged and all intercepts ≥0.5ppm Au are reported. When consecutive down hole samples returned ≥0.5ppm, the average gold values for each relevant interval is used to obtain an intercept average.
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	Any aggregate results which are biased by one or more higher grade single composite result, then these composite results are detailed.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents reported.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.*	Not enough information is known about the nature and orientation of the mineralisation within the area at this stage. If the mineralisation is vertical then the down hole width of the intercepted mineralisation would be twice that of the true width, as was the Case at Wattle Dam Gold Mine.
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	The orientation of the mineralisation is unknown. Further drilling including RC and diamond drilling will be required to determine the orientation of mineralisation.
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	The reported intercepts are down hole lengths only as the true width is not known.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	See Figures 1 - 4
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	Comprehensive reporting of all exploration results has been undertaken.
Other	*Other exploration data, if meaningful and material, should be*	No other exploration data is available.

substantive exploration data	*reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).*	The identified mineralised trends at Core Farm, Golden Orb South and Fugitive interpreted within the Archaean basement are expected to be further evaluated via RC drilling planned for Q2 2014, in conjunction with planned RC drilling at Hilditch Gold and 5B Prospects. The interpreted paleochannel mineralisation at Core Farm will be further evaluated with close spaced vertical air core drilling to 5 metre hole spacing's. Single metre samples of the anomalous intercepts will also be taken in order to assist with the distribution of the gold in each hole and the area as a whole.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Target areas for future drilling are highlighted on the included Figures.