



## Sirius Resources NL

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### Projects:

**Fraser Range** nickel-copper, gold

**Polar Bear** gold, nickel

## March 2015 Quarterly

### Highlights – during and subsequent to quarter's end

- Nova boxcut nearing completion
- Construction activities on or ahead of schedule
- Final approval for permanent access road from Nova mine site to Eyre Highway received and construction started
- First nickel offtake agreement signed with BHP Billiton Nickel West
- Preferred tender status for Nova process plant EPC awarded to GR Engineering Services
- A\$210 million cash at bank and project finance facility undrawn at end of the quarter
- Infill drilling confirms oxide gold zone at Baloo and identifies primary shoot beneath

The March 2015 quarter has seen consistent progress towards the development of Nova, with receipt of final approvals and start of mining on Australia Day. Since then, mining and construction activities have proceeded below budget and ahead of schedule. In addition to this, drilling at Baloo has confirmed the presence of a substantial zone of oxide gold mineralisation and the presence of a primary shoot of gold mineralisation in fresh rock beneath this.

### CORPORATE

#### Expenditure

During the quarter, approximately A\$38.0 million was spent on the development and construction of the Nova nickel mine (A\$30.0 million), exploration (A\$5.4 million) and corporate costs (A\$2.6 million). Income other than interest of A\$1.3 million was received from the government research and development scheme. At the end of the quarter, cash at bank totalled A\$210.1 million.

Planned expenditure for the coming quarter is anticipated to total approximately A\$80.1 million.

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This includes A\$68.3 million for mine development and construction work at the Nova project, exploration expenditure of A\$9.2 million and corporate costs of A\$2.6 million.

## Capital structure

During the quarter, 200,000 new shares were issued as consideration for the Eundynie Joint Venture.

As of the end of the quarter, there were 412,201,575 fully paid ordinary shares on issue of which 341,638,269 are quoted.

As of the end of the quarter, outstanding unlisted options totalled 17.75 million, comprising 1.9 million 20 cent options, 1.9 million 60 cent options, 0.3 million \$2.80 options, 8.75 million \$3.17 options, 1.55 million \$3.50 options, 0.5 million \$3.00 options, 1 million \$3.34 options and 2 million \$3.51 options.

## NOVA NICKEL MINE

Following receipt of final statutory approvals, mining and construction started at Nova on 26<sup>th</sup> January 2015. Development and construction is progressing on or ahead of schedule in every area.

The capital saving of A\$30 million identified in the last quarter that resulted in a lower capital estimate of A\$443 million, which includes a contingency of A\$22 million, remains firm. This does not include any potential additional variances from future planned capital expenditures that do not yet have firm costings, nor does it include potential variances in operating related costs relative to original Definitive Feasibility Study estimates.

The evaluation of the tenders for the processing plant engineering, procurement and construction (EPC) contract was completed during the quarter and GR Engineering Services was awarded preferred tender status for these works. Work on the processing plant will commence once this contract is finalised and awarded.

The site catering contract was awarded to Cater Care, which will provide all catering, housekeeping, industrial cleaning, accommodation, wet mess and retail services. Cater Care will also support a local Indigenous company, Bromus Pty Ltd, owned by Ngadju representatives. Bromus will be mentored by Cater Care to deliver industrial cleaning services on site, specifically to create employment opportunities for the local Ngadju people.

Tenders for power generation, overhead power distribution, bulk earthworks and non-process infrastructure closed during the quarter and it is expected that award of these contracts will be made during May.

## Development and Construction

In February the exploration camp was converted to a construction camp by the addition of 160 rooms, increasing its capacity to 192 rooms. These rooms will be relocated to the main village in the coming

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months once that is complete. Construction of the main village is ahead of schedule and 38% complete as at 31<sup>st</sup> March 2015. Clearing of the site is complete and the kitchen, dining and central services buildings, wet mess and gym are all well advanced. 100 rooms are on site and it is planned to have 64 rooms available for occupancy by the end of April.



Figure 1. Main village

Excavation of the boxcut is 82% complete and on schedule. Material mined from the boxcut is being stockpiled for use in road construction, tailings dam construction and for general fill.

Both the access road from the plant site to the aerodrome and the aerodrome itself have been cleared of vegetation and top soil removed and stockpiled. The foundations for this section of the road are complete and the foundation earthworks for the aerodrome are well advanced.

Final approvals for the main site access road from the Eyre Highway were received subsequent to the quarter's end and since this time the road has progressed over a distance of approximately 6 kilometres out of a total of approximately 30 kilometres.



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Figure 2. Boxcut



Figure 3. Access Road



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Construction of the tailings storage facility is progressing ahead of schedule. Vegetation and top soil have been removed, the majority of the 13 metre high dam wall has been completed, and laying of plastic lining has commenced.



Figure 4. Tailings storage facility

Temporary raw and process water ponds have been completed and are operational. The installation of the permanent centralised fresh water and waste water facilities is progressing ahead of schedule.

A temporary concrete batch plant was commissioned in March and is supplying concrete for construction activities at the village and centralised water treatment construction sites.

## Offtake

The Company concluded an offtake deal for fifty percent of its planned nickel concentrate production for the first three years of production with BHP Billiton Nickel West. This material will be trucked by road to Nickel West's Kambalda nickel concentrator.

Negotiations for the remaining half of the planned nickel concentrate production and 100% of the copper concentrate for the first three years are at an advanced stage.



## EXPLORATION

Exploration continued during the March quarter with aircore drilling of the Baloo and Monsoon gold prospects at Polar Bear, diamond drilling beneath Baloo, diamond drilling of the Crux and Centauri nickel prospects within the Fraser Range Joint Venture as well as identification and testing of an EM conductor at Lake Harris.

Results received during the quarter confirmed Baloo to be a significant new gold prospect, extending at depth into fresh rock as well as confirming the presence of high grade gold mineralisation at Monsoon. At Lake Harris (Fraser Range), drill testing of an EM conductor identified a conductive body of pyrrhotite and graphite.

### Polar Bear (100% Sirius)

*Sirius owns 100% of the Polar Bear project. The project covers the southern continuation of the ultramafic stratigraphy which hosts the Kambalda and Widgiemooltha nickel deposits. It is largely concealed beneath the salt lake sediments and sand dunes of Lake Cowan. It also covers approximately 130 square kilometres of underexplored ground located between the world class gold producing centres of St Ives and Norseman – both ~10 million ounce camps – and southeast of the 2 million ounce Higginsville gold operations of Metals X Limited.*

### Baloo gold prospect

Infill (40 x 20 metres) aircore drilling at Baloo has defined a zone of oxide gold mineralisation measuring 700 metres in strike and up to 100 metres wide (refer to previous ASX announcements for details). Importantly a significant number of holes ended in mineralisation with the drill rig unable to penetrate hard quartz veins. Key intersections are shown below (*note, EOH means to the end of the drillhole*):

- **8m @ 1.32g/t Au** from 42m, and **20m @ 2.00g/t Au** from 59m to EOH including **8m @ 3.22g/t Au** from 59m in SPBA2340
- **14m @ 2.57g/t Au** from 4m, including **4m @ 5.73g/t Au** from 4m in SBPA2342
- **5m @ 3.24g/t Au** from 4m to EOH in SPBA2348
- **30m @ 2.53 g/t Au** from 4 metres to EOH, including **9m @ 4.48 g/t Au** from 6 metres, and **10m @ 3.2 g/t Au** from 24 metres to EOH in SPBA2349
- **31m @ 1.10 g/t Au** from 27 metres to EOH, including **5m @ 3.79 g/t Au** from 27 metres in SPBA2350
- **26m @ 1.24g/t Au** from 22 metres to EOH, including **4m @ 5.39g/t Au** from 44 to EOH in SPBA2361
- **44m @ 1.07g/t Au** from 4 metres to EOH, including **3m @ 5.45g/t Au** from 7m in SPBA2367
- **8m @ 2.29g/t Au** from 4m to EOH in SPBA2369
- **24m @ 4.87 g/t Au** from 4 metres to EOH, including **6m @ 12.43 g/t Au** from 12 metres in SPBA2372
- **4m @ 8.61 g/t Au** from 3 metres to EOH in SBPA2370



Diamond drilling beneath the oxide zone has since defined a mineralised shoot which dips 30 degrees to the east and plunges gently to the southeast from beneath the oxide zone. The gold is associated with quartz veining and pyrite-arsenopyrite alteration. This shoot is up to 10 metres thick and 70 metres across, and remains open down plunge to the southeast (*see Figure 5*). Key intercepts, which are considered to be close to true width, are as follows:

- **7.6m @ 8.35 g/t Au** from 125.2 metres in SPBD0100
- **9.8m @ 4.97 g/t Au** from 111.5 metres in SPBD0101
- **12.8m @ 3.1 g/t Au** from 95.8 metres in SPBD0099

Two diamond holes recently drilled are thought to be located above and to the west of the main shoot and intersected the following:

- 12.4m @ 1.51 g/t Au from 116 metres in SPBD0106
- 1.7m @ 1.91 g/t Au from 146.8 metres, and 5.6m @ 1.10 g/t Au from 153.4 metres in SPBD0108

This shoot is currently open down dip and down plunge to the southeast, and drilling is continuing in order to scope out its extent and continuity. Two diamond rigs are currently on site to scope out the extent of primary gold mineralisation in fresh rock.

Additionally, a reverse circulation (RC) rig is being commissioned with the aim of replicating the original aircore drilling to provide the basis for a JORC resource estimate of the oxide zone. This drilling is scheduled to commence in the coming quarter.

## Monsoon

At Monsoon, reconnaissance aircore drilling on an 80 metre by 40 metre grid has defined sporadic mineralisation over a 1 kilometre strike length, associated with quartz veining and arsenopyrite alteration within a north-northeast trending shear zone on a mafic – shale contact (*see Figure 6*).

Results have now been received for all holes (129 holes) drilled during the recent program. Results reported during the quarter include:

- **12 metres @ 16.9 g/t Au** from 68 metres, in SPBA2769
- **12 metres @ 1.34 g/t Au** from 20 metres, including **4 metres @ 3.29 g/t Au** from 28 metres in SPBA2740
- 7 metres @ 1.05 g/t Au from 76 metres in SPBA2765
- 4 metres @ 1.17 g/t Au from 60 metres in SPBA2798



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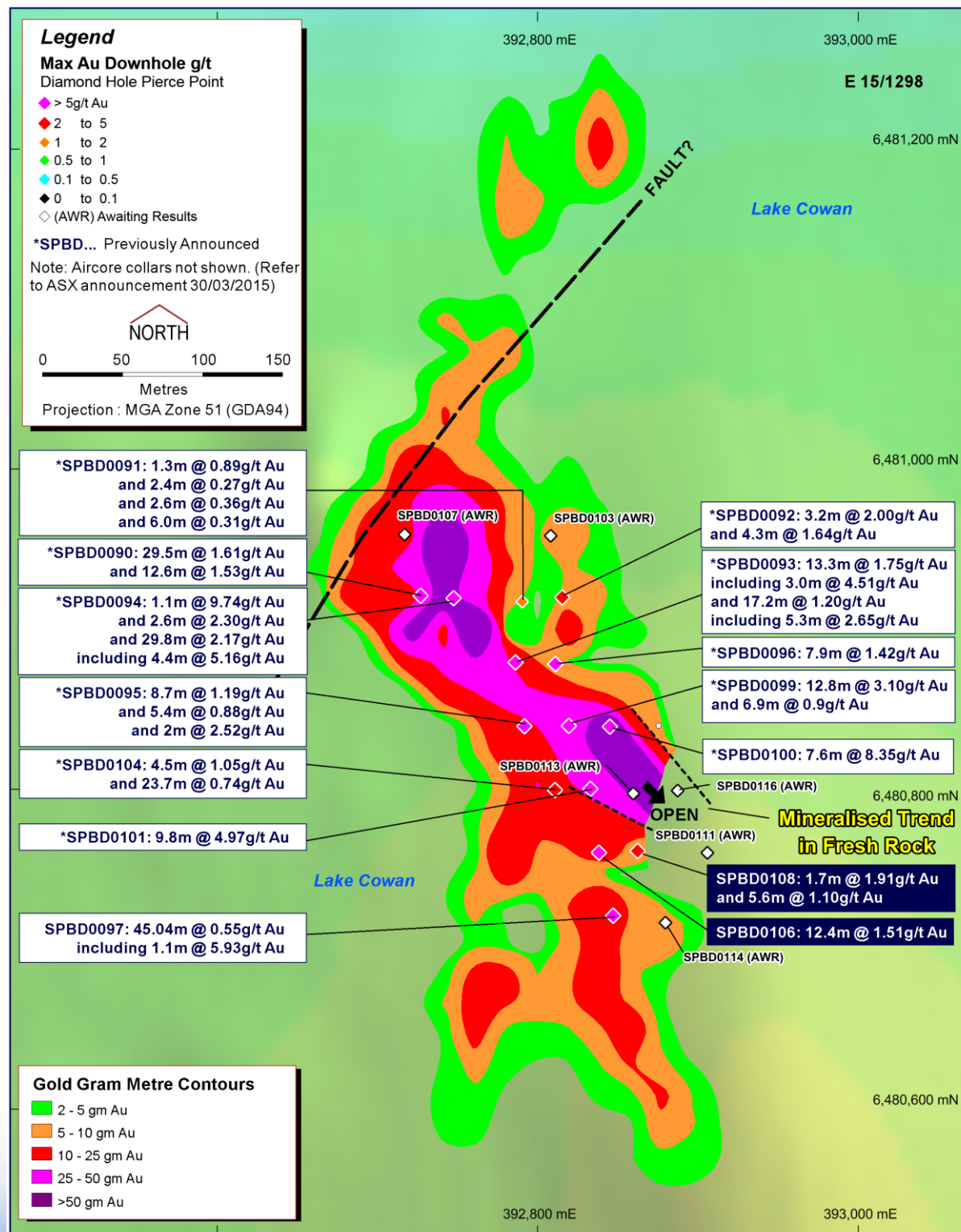


Figure 5. Plan projection of Baloo



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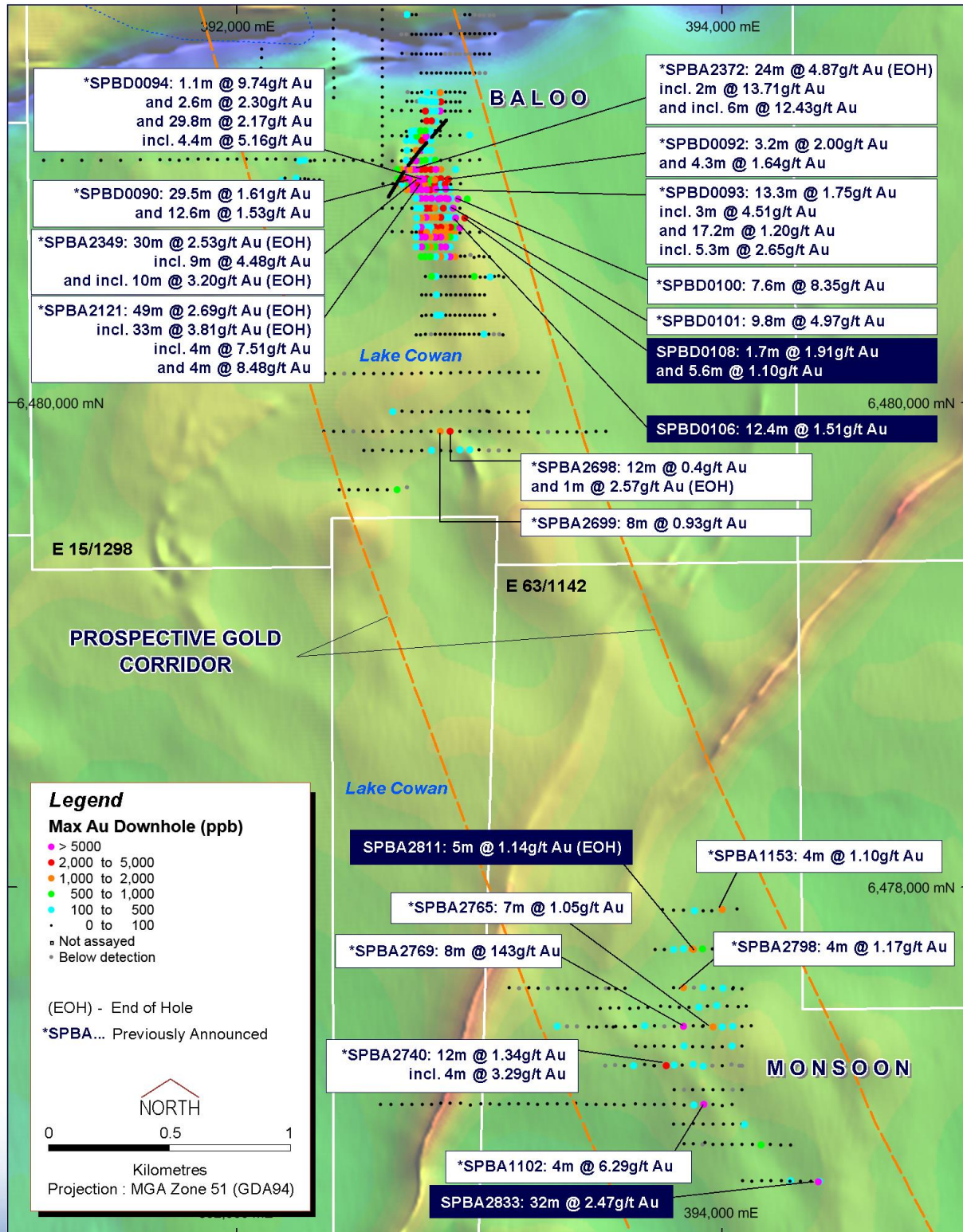


Figure 6. Plan projection of Monsoon



The high grade intersection of 12 metres @ 16.9g/t gold in SPBA2769 is based on original and repeat assays of three individual four metre composite samples. Two of these samples assayed over 100g/t gold and have been top-cut to a value of 30g/t gold in order to allow for the presence of potentially nuggety gold in the samples. The presence of visible gold in panned drill samples also indicates that the gold in this mineralised interval may be nuggety.

Results received since the end of the quarter and not previously reported for aircore drilling at Monsoon include:

- **32 metres @ 2.47 g/t Au** from 16 metres in SPBA2833
- **5 metres @ 1.14 g/t Au** from 32 metres to EOH in SPBA2811

The intersection of 32 metres @ 2.47g/t gold in SPBA2833 is significant because it is from weathered and sheared basaltic bedrock from the last hole on the last line drilled at the prospect.

## Fraser Range Joint Venture (70% Sirius)

*Sirius has a 70% interest in the Fraser Range Joint Venture, with Mark Creasy retaining a 30% free carried interest to the completion of a bankable feasibility study. The project covers over 100 kilometres strike length of the Albany-Fraser Belt – which contains the nickel prospective Fraser Complex and also the Tropicana trend. The package is considered highly prospective for Tropicana-style gold mineralisation as well as for the now demonstrated Nova-style magmatic nickel-copper-cobalt deposit style.*

## EM conductor at Lake Harris

A moving loop electromagnetic (MLEM) survey undertaken in the vicinity of a copper geochemical anomaly at Lake Harris identified a large, strong, late time EM conductor. Drilling subsequent to the end of the quarter intersected mixed barren sulphide (pyrrhotite) and graphite.

## Nickel Exploration at Crux and Centauri

A total of 15 reconnaissance diamond holes has now been drilled to test a small area of the Crux intrusion along with one diamond hole into Centauri.

Results received to date confirm the presence of magmatic nickel-copper sulphide mineralisation scattered throughout the Crux intrusion, with numerous zones of <1 metre grading 0.2-0.3% nickel and two thicker zones as follows:

- **7 metres @ 0.3% nickel** from 448 metres in SFRD512
- **20.9 metres @ 0.31% nickel** from 59.1 metres and **8.2 metres @ 0.26% nickel, 9.7% Cr<sub>2</sub>O<sub>3</sub>** from 111.8 metres in SFRD596



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The holes drilled to date together with the detection distance of associated DHEM collectively cover less than 5% of the target area. Drilling is continuing and down hole EM (DHEM) has been completed on all completed drill holes to date with no conductors identified as yet.

## **Fraser Range (100% Sirius)**

*Sirius has a 100% interest in various tenements in the Fraser Range region, including the mining lease containing the Nova-Bollinger deposits. These tenements also include the Talbot and Southern Hills soil anomalies, the Canopus target and the Buningonia intrusion. All of these are located in the Fraser Complex, considered to be highly prospective for mafic-ultramafic intrusion hosted magmatic nickel-copper-platinum group metal (PGM) and chromite deposits.*

## **Nova Mining Lease**

Ongoing systematic testing of the twelve untested and two unresolved DPEM conductors will continue throughout 2015.

## **Mark Bennett, Managing Director and CEO**

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## Competent Persons statement

The information in this report that relates to Exploration Results is based on information compiled by John Bartlett and Andrew Thompson who are employees of the company and fairly represents this information. Mr Bartlett and Mr Thompson are members of the Australasian Institute of Mining and Metallurgy. Mr Bartlett and Mr Thompson have sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bartlett and Mr Thompson consent to the inclusion in this report of the matters based on information in the form and context in which it appears. Exploration results are based on standard industry practices, including sampling, assay methods, and appropriate quality assurance quality control (QAQC) measures. Reverse circulation (RC), aircore (AC) and rotary air blast (RAB) drilling samples are collected as composite samples of 4 or 2 metres and as 1 metre splits (stated in results). Mineralised intersections derived from composite samples are subsequently re-split to 1 metre samples to better define grade distribution. Core samples are taken as half NQ core or quarter HQ core and sampled to geological boundaries where appropriate. The quality of RC drilling samples is optimised by the use of riffle and/or cone splitters, dust collectors, logging of various criteria designed to record sample size, recovery and contamination, and use of field duplicates to measure sample representivity. For soil samples, PGM and gold assays are based on an aqua regia digest with Inductively Coupled Plasma (ICP) finish and base metal assays may be based on aqua regia or four acid digest with inductively coupled plasma optical emission spectrometry (ICPOES) or atomic absorption spectrometry (AAS) finish. In the case of reconnaissance RAB, AC, RC or rock chip samples, PGM and gold assays are based on lead or nickel sulphide collection fire assay digests with an ICP finish, base metal assays are based on a four acid digest and inductively coupled plasma optical emission spectrometry (ICPOES) and atomic absorption spectrometry (AAS) finish, and where appropriate, oxide metal elements such as Fe, Ti and Cr are based on a lithium borate fusion digest and X-ray fluorescence (XRF) finish. In the case of strongly mineralised samples, base metal assays are based on a special high precision four acid digest (a four acid digest using a larger volume of material) and an AAS finish using a dedicated calibration considered more accurate for higher concentrations. Sample preparation and analysis is undertaken at Minanalytical, Genalysis Intertek, and Bureau Veritas laboratories in Perth and Kalgoorlie, Western Australia. The quality of analytical results is monitored by the use of internal laboratory procedures and standards together with certified standards, duplicates and blanks and statistical analysis where appropriate to ensure that results are representative and within acceptable ranges of accuracy and precision. Where quoted, nickel-copper intersections are based on a minimum threshold grade of 0.25% Ni and/or Cu, and gold intersections are based on a minimum gold threshold grade of 0.1g/t Au unless otherwise stated. Intersections are length and density weighted where appropriate as per standard industry practice. All sample and drill hole co-ordinates are based on the GDA/MGA grid and datum unless otherwise stated. Exploration results obtained by other companies and quoted by Sirius have not necessarily been obtained using the same methods or subjected to the same QAQC protocols. These results may not have been independently verified because original samples and/or data may no longer be available.

## Annexure 1

The following Tables are provided to ensure compliance with the JORC code (2012) edition requirements for the reporting of exploration results.

## Annexure 1

### Baloo Diamond Drilling

Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBD0090	Baloo	174.1	6480920	3927110	262	-60	090	4.5	34.0	29.5	1.61	
and								48.15	60.8	12.6	1.53	
SPBD0091	Baloo	310	6480920	392815	262	-60	270	52.0	53.3	1.3	0.89	
SPBD0092	Baloo	146.9	6480920	392870	262	-60	270	63.4	66.6	3.2	2.00	
and								113.9	118.2	4.3	1.64	



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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBD0093	Baloo	143.8	6480880	392820	262	-60	270	15.5	28.8	13.3	1.75	
including								20.8	23.8	3.0	4.51	
and								65.2	82.4	17.2	1.20	
including								72.7	78	5.3	2.65	
SPBD0094	Baloo	122.7	6480920	392770	262	-60	270	20.6	21.7	1.1	9.74	
and								27.7	30.3	2.6	2.30	
and								33.7	63.5	29.8	2.17	
including								38.0	42.4	4.4	5.16	
SPBD0095	Baloo	144.7	6480880	392860	262	-60	270	5.4	14.1	8.7	1.19	
and								75.9	81.3	5.4	0.88	
								110.5	112.5	2.0	2.52	
SPBD0096	Baloo	140.8	6480880	392860	262	-60	270	100.6	108.5	7.9	1.42	
SPBD0097	Baloo	175.3	6480720	392920	262	-60	270	113.8	158.8	45.0	0.60	
including								133.3	134.4	1.1	5.93	
SPBD0098	Baloo	164.8	6480960	392900	262	-60	270				AWR	
SPBD0099	Baloo	150.7	6480840	392870	262	-60	270	95.8	108.6	12.8	3.10	
including								103.4	104.7	1.3	15.8	
and								117.4	124.3	6.9	0.90	
SPBD0100	Baloo	175.6	6480840	392910	262	-60	270	125.2	132.8	7.6	8.35	
including								131.5	132.6	1.1	32.2	
SPBD0101	Baloo	173.9	6480800	392890	262	-60	270	111.5	121.3	9.8	4.97	
SPBD0102	Baloo	183.7	6480840	392950	262	-60	270				NSI	
<b>SPBD0103</b>	<b>Baloo</b>	<b>137.9</b>	<b>6480960</b>	<b>392860</b>	<b>262</b>	<b>-60</b>	<b>270</b>				<b>AWR</b>	
SPBD0104	Baloo	170.5	6480800	392930	262	-60	270	50	54.5	4.5	1.05	
and								68.1	91.8	23.7	0.74	
SPBD0105	Baloo	150.9	6480840	392990	262	-60	270				AWR	
SPBD0106	Baloo	199.3	6480760	392900	262	-60	270	116	128.4	12.4	1.51	
SPBD0107	Baloo	129	6480960	392700	262	-60	270				AWR	
SPBD0108	Baloo	218.5	6480760	392940	262	-60	270	146.8	148.5	1.7	1.91	
and								153.4	157.4	5.6	1.10	
SPBD0109	Baloo	82.4	6480960	392660	262	-60	90				AWR	
SPBD0111	Baloo	233.6	6480760	392980	262.75	-60	270				AWR	
SPBD0112	Baloo	113.4	6481000	392820	262	-60	270				AWR	
SPBD0113	Baloo	182.9	6480800	392930	262	-60	270				AWR	
SPBD0114	Baloo	IP	6480720	392960	262	-60	270				AWR	
SPBD0116	Baloo	IP	64808,,00	392970	262	-60	270				AWR	

## Baloo and Monsoon Aircore Drilling

Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2714	Monsoon	46	6477020	393800	262	-90	360				NSI	
SPBA2715	Monsoon	60	6477021	393841	262	-90	360				NSI	
SPBA2716	Monsoon	52	6477022	393881	262	-90	360				NSI	
SPBA2717	Monsoon	77	6477021	393920	262	-90	360				NSI	
SPBA2718	Monsoon	61	6477021	393963	262	-90	360				NSI	
SPBA2719	Monsoon	63	6477021	394004	262	-90	360				NSI	
SPBA2720	Monsoon	74	6477021	394043	262	-90	360				NSI	
SPBA2721	Monsoon	18	6477021	394082	262	-90	360				NSI	
SPBA2722	Monsoon	88	6477018	394091	262	-90	360	56	60	4	0.17	
and								87	88	1	0.41	EOH
SPBA2723	Monsoon	88	6477162	394081	262	-90	360				NSI	
SPBA2724	Monsoon	73	6477162	394043	262	-90	360				NSI	
SPBA2725	Monsoon	66	6477161	394003	262	-90	360				NSI	
SPBA2726	Monsoon	63	6477161	393961	262	-90	360				NSI	
SPBA2727	Monsoon	64	6477161	393922	262	-90	360				NSI	
SPBA2728	Monsoon	68	6477161	393878	262	-90	360				NSI	
SPBA2729	Monsoon	51	6477162	393842	262	-90	360				NSI	
SPBA2730	Monsoon	52	6477161	393801	262	-90	360				NSI	
SPBA2731	Monsoon	16	6477261	394082	262	-90	360				NSI	
SPBA2732	Monsoon	76	6477262	394070	262	-90	360				NSI	
SPBA2733	Monsoon	75	6477265	394039	262	-90	360				NSI	
SPBA2734	Monsoon	75	6477262	394000	262	-90	360				NSI	
SPBA2735	Monsoon	72	6477260	393959	262	-90	360				NSI	
SPBA2736	Monsoon	67	6477259	393921	262	-90	360				NSI	
SPBA2737	Monsoon	62	6477267	393880	262	-90	360				NSI	
SPBA2738	Monsoon	74	6477263	393836	262	-90	360				NSI	
SPBA2739	Monsoon	68	6477263	393801	262	-90	360	28	32	4	0.7	
SPBA2740	Monsoon	60	6477261	393769	262	-90	360	20	32	12	1.34	
including								28	32	4	3.29	
SPBA2741	Monsoon	36	6477260	393720	262	-90	360				NSI	
SPBA2742	Monsoon	61	6477261	393717	262	-90	360				NSI	
SPBA2743	Monsoon	97	6477265	393681	262	-90	360				NSI	
SPBA2744	Monsoon	58	6477262	393640	262	-90	360				NSI	
SPBA2745	Monsoon	82	6477262	393634	262	-90	360				NSI	
SPBA2746	Monsoon	92	6477261	393597	262	-90	360				NSI	
SPBA2747	Monsoon	56	6477263	393558	262	-90	360				NSI	
SPBA2748	Monsoon	56	6477262	393519	262	-90	360				NSI	
SPBA2749	Monsoon	75	6477343	393644	262	-90	360				NSI	
SPBA2750	Monsoon	58	6477340	393683	262	-90	360				NSI	
SPBA2751	Monsoon	63	6477342	393720	262	-90	360				NSI	



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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2752	Monsoon	57	6477342	393758	262	-90	360				NSI	
SPBA2753	Monsoon	84	6477340	393802	262	-90	360				NSI	
SPBA2754	Monsoon	97	6477342	393842	262	-90	360	48	52	4	0.17	
SPBA2755	Monsoon	99	6477340	393878	262	-90	360				NSI	
SPBA2756	Monsoon	94	6477340	393919	262	-90	360				NSI	
SPBA2757	Monsoon	96	6477338	393961	262	-90	360				NSI	
SPBA2758	Monsoon	90	6477339	394001	262	-90	360				NSI	
SPBA2759	Monsoon	88	6477342	394040	262	-90	360				NSI	
SPBA2760	Monsoon	80	6477342	394080	262	-90	360				NSI	
SPBA2761	Monsoon	78	6477426	394118	262	-90	360				NSI	
SPBA2762	Monsoon	81	6477423	394080	262	-90	360				NSI	
SPBA2763	Monsoon	75	6477423	394043	262	-90	360	60	64	4	0.31	
SPBA2764	Monsoon	74	6477422	394001	262	-90	360	60	64	4	0.29	
SPBA2765	Monsoon	84	6477421	393962	262	-90	360	76	83	7	1.05	
SPBA2766	Monsoon	57	6477425	393922	262	-90	360				NSI	
SPBA2767	Monsoon	93	6477423	393918	262	-90	360				NSI	
SPBA2768	Monsoon	78	6477426	393880	262	-90	360				NSI	
SPBA2769*	Monsoon	88	6477424	393840	262	-90	360	68	80	12	16.9	
SPBA2770	Monsoon	53	6477424	393801	262	-90	360				NSI	
SPBA2771	Monsoon	58	6477424	393761	262	-90	360				NSI	
SPBA2772	Monsoon	98	6477426	393722	262	-90	360				NSI	
SPBA2773	Monsoon	102	6477426	393681	262	-90	360				NSI	
SPBA2774	Monsoon	34	6477423	393642	262	-90	360				NSI	
SPBA2775	Monsoon	87	6477424	393637	262	-90	360				NSI	
SPBA2776	Monsoon	60	6477422	393600	262	-90	360				NSI	
SPBA2777	Monsoon	51	6477424	393562	262	-90	360				NSI	
SPBA2778	Monsoon	81	6477422	393550	262	-90	360				NSI	
SPBA2779	Monsoon	60	6477423	393524	262	-90	360				NSI	
SPBA2780	Monsoon	65	6477421	393483	262	-90	360				NSI	
SPBA2781	Monsoon	67	6477424	393400	262	-90	360				NSI	
SPBA2782	Monsoon	57	6477423	393361	262	-90	360				NSI	
SPBA2783	Monsoon	50	6477423	393320	262	-90	360				NSI	
SPBA2784	Monsoon	35	6477582	393122	262	-90	360				NSI	
SPBA2785	Monsoon	34	6477580	393162	262	-90	360				NSI	
SPBA2786	Monsoon	46	6477583	393202	262	-90	360				NSI	
SPBA2787	Monsoon	54	6477580	393241	262	-90	360				NSI	
SPBA2788	Monsoon	78	6477581	393283	262	-90	360				NSI	
SPBA2789	Monsoon	72	6477580	393323	262	-90	360				NSI	
SPBA2790	Monsoon	86	6477579	393361	262	-90	360				NSI	
SPBA2791	Monsoon	97	6477579	393401	262	-90	360				NSI	

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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2792	Monsoon	75	6477580	393482	262	-90	360				NSI	
SPBA2793	Monsoon	76	6477580	393520	262	-90	360				NSI	
SPBA2794	Monsoon	92	6477580	393532	262	-90	360				NSI	
SPBA2795	Monsoon	79	6477579	393560	262	-90	360				NSI	
SPBA2796	Monsoon	99	6477581	393600	262	-90	360				NSI	
SPBA2797	Monsoon	96	6477582	393799	262	-90	360				NSI	
SPBA2798	Monsoon	82	6477582	393841	262	-90	360	60	64	4	1.17	
SPBA2799	Monsoon	85	6477582	393882	262	-90	360				NSI	
SPBA2800	Monsoon	86	6477582	393922	262	-90	360	56	64	8	0.37	
SPBA2801	Monsoon	75	6477581	393962	262	-90	360				NSI	
SPBA2802	Monsoon	90	6477581	394003	262	-90	360	60	64	4	0.22	
SPBA2803	Monsoon	29	6477579	394044	262	-90	360				NSI	
SPBA2804	Monsoon	93	6477583	394046	262	-90	360				NSI	
SPBA2805	Monsoon	80	6477579	394082	262	-90	360				NSI	
SPBA2806	Monsoon	90	6477741	394078	262	-90	360				NSI	
SPBA2807	Monsoon	90	6477742	394042	262	-90	360				NSI	
SPBA2808	Monsoon	81	6477743	394000	262	-90	360				NSI	
SPBA2809	Monsoon	90	6477743	393960	262	-90	360				NSI	
SPBA2810	Monsoon	90	6477742	393919	262	-90	360	56	60	4	0.60	
SPBA2811	Monsoon	61	6477741	393880	262	-90	360	56	61	5	1.14	EOH
SPBA2812	Monsoon	87	6477744	393875	262	-90	360	52	60	8	0.72	
SPBA2813	Monsoon	93	6477743	393840	262	-90	360	84	93	9	0.35	EOH
SPBA2814	Monsoon	108	6477740	393799	262	-90	360	107	108	1	0.27	EOH
SPBA2815	Monsoon	103	6477741	393761	262	-90	360				NSI	
SPBA2816	Monsoon	108	6477741	393723	262	-90	360				NSI	
SPBA2817	Monsoon	73	6477584	393446	262	-90	360				NSI	
SPBA2818	Monsoon	108	6477422	393449	262	-90	360				NSI	
SPBA2819	Monsoon	66	6476938	393842	262	-90	360				NSI	
SPBA2820	Monsoon	70	6476938	393881	262	-90	360				NSI	
SPBA2821	Monsoon	15	6476936	393918	262	-90	360				NSI	
SPBA2822	Monsoon	74	6476943	393929	262	-90	360				NSI	
SPBA2823	Monsoon	75	6476937	393961	262	-90	360				NSI	
SPBA2824	Monsoon	81	6476936	394000	262	-90	360				NSI	
SPBA2825	Monsoon	72	6476935	394040	262	-90	360				NSI	
SPBA2826	Monsoon	83	6476935	394081	262	-90	360				NSI	
SPBA2827	Monsoon	67	6476936	394123	262	-90	360				NSI	
SPBA2828	Monsoon	68	6476934	394160	262	-90	360	48	52	4	0.92	
SPBA2829	Monsoon	66	6476935	394198	262	-90	360				NSI	
SPBA2830	Monsoon	55	6476934	394240	262	-90	360				NSI	
SPBA2831	Monsoon	45	6476934	394282	262	-90	360				NSI	



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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2832	Monsoon	23	6476783	394400	262	-90	360	22	23	1	0.32	
SPBA2833	Monsoon	85	6476782	394397	262	-90	360	16	48	32	2.47	
SPBA2834	Monsoon	64	6476785	394365	262	-90	360				NSI	
SPBA2835	Monsoon	67	6476784	394321	262	-90	360				NSI	
SPBA2836	Monsoon	44	6476786	394282	262	-90	360				NSI	
SPBA2837	Monsoon	66	6476784	394279	262	-90	360				NSI	
SPBA2838	Monsoon	78	6476786	394243	262	-90	360				NSI	
SPBA2839	Monsoon	67	6476786	394200	262	-90	360				NSI	
SPBA2840	Monsoon	74	6476786	394162	262	-90	360				NSI	
SPBA2841	Monsoon	60	6476785	394122	262	-90	360				NSI	
SPBA2842	Monsoon	73	6476787	394083	262	-90	360				NSI	
SPBA2843	Baloo	4	6481243	392700	262	-90	360				NSI	
SPBA2844	Baloo	4	6481243	392720	262	-90	360				NSI	
SPBA2845	Baloo	3	6481242	392741	262	-90	360				NSI	
SPBA2846	Baloo	13	6481244	392760	262	-90	360	12	13	1	0.30	
SPBA2847	Baloo	29	6481243	392780	262	-90	360	8	12	4	0.35	
SPBA2848	Baloo	42	6481279	392785	262	-90	360	36	41	5	0.23	
SPBA2849	Baloo	7	6481281	392762	262	-90	360				NSI	
SPBA2850	Baloo	10	6481279	392743	262	-90	360				NSI	
SPBA2851	Baloo	7	6481279	392720	262	-90	360				NSI	
SPBA2852	Baloo	4	6481281	392703	262	-90	360				NSI	
SPBA2853	Baloo	10	6481841	392361	262	-90	360				NSI	
SPBA2854	Baloo	6	6481841	392404	262	-90	360				NSI	
SPBA2855	Baloo	4	6481840	392438	262	-90	360				NSI	
SPBA2856	Baloo	3	6481840	392480	262	-90	360				NSI	
SPBA2857	Baloo	11	6481840	392520	262	-90	360				NSI	
SPBA2858	Baloo	5	6481840	392557	262	-90	360				NSI	
SPBA2859	Baloo	11	6481841	392643	262	-90	360				NSI	
SPBA2860	Baloo	13	6481840	392680	262	-90	360				NSI	
SPBA2861	Baloo	5	6481841	392719	262	-90	360				NSI	
SPBA2862	Baloo	14	6481845	392760	262	-90	360				NSI	
SPBA2863	Baloo	13	6481845	392802	262	-90	360				NSI	
SPBA2864	Baloo	13	6481844	392839	262	-90	360				NSI	
SPBA2865	Baloo	9	6481843	392880	262	-90	360				NSI	
SPBA2866	Baloo	13	6481840	392917	262.3	-90	360				NSI	
SPBA2867	Baloo	10	6481840	392962	262.3	-90	360				NSI	
SPBA2868	Baloo	29	6481840	393001	262.4	-90	360				NSI	
SPBA2869	Baloo	30	6481839	393041	262.3	-90	360				NSI	
SPBA2870	Baloo	28	6481840	393080	262.3	-90	360				NSI	
SPBA2871	Baloo	25	6482083	393080	262.4	-90	360				NSI	

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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2872	Baloo	28	6482083	393044	262.4	-90	360				NSI	
SPBA2873	Baloo	17	6482082	393001	262.4	-90	360				NSI	
SPBA2874	Baloo	14	6482083	392961	262.3	-90	360				NSI	
SPBA2875	Baloo	18	6482081	392920	262.3	-90	360				NSI	
SPBA2876	Baloo	12	6482081	392881	262.2	-90	360				NSI	
SPBA2877	Baloo	10	6482081	392840	262.3	-90	360				NSI	
SPBA2878	Baloo	15	6482081	392803	262.3	-90	360				NSI	
SPBA2879	Baloo	5	6482084	392766	262.3	-90	360				NSI	
SPBA2880	Baloo	15	6482083	392727	262.4	-90	360				NSI	
SPBA2881	Baloo	21	6482085	392687	262.3	-90	360				NSI	
SPBA2882	Baloo	17	6482086	392647	262.3	-90	360				NSI	
SPBA2883	Baloo	5	6482087	392608	262.3	-90	360				NSI	
SPBA2884	Baloo	6	6482085	392561	262.4	-90	360				NSI	
SPBA2885	Baloo	14	6482083	392520	262.3	-90	360				NSI	
SPBA2886	Baloo	6	6482082	392480	262.5	-90	360				NSI	
SPBA2887	Baloo	5	6482080	392437	262.5	-90	360				NSI	
SPBA2888	Baloo	5	6482080	392405	262.4	-90	360				NSI	
SPBA2889	Baloo	4	6482081	392358	262.5	-90	360				NSI	
SPBA2890	Baloo	3	6482079	392318	262.5	-90	360				NSI	
SPBA2891	Baloo	4	6482317	392199	262.5	-90	360				NSI	
SPBA2892	Baloo	4	6482322	392242	262.5	-90	360				NSI	
SPBA2893	Baloo	4	6482320	392282	262.3	-90	360				NSI	
SPBA2894	Baloo	4	6482320	392321	262.4	-90	360				NSI	
SPBA2895	Baloo	3	6482320	392361	262.4	-90	360				NSI	
SPBA2896	Baloo	4	6482321	392401	262.4	-90	360				NSI	
SPBA2897	Baloo	5	6482321	392441	262.4	-90	360				NSI	
SPBA2898	Baloo	4	6482321	392481	262.4	-90	360				NSI	
SPBA2899	Baloo	7	6482321	392523	262.4	-90	360				NSI	
SPBA2900	Baloo	9	6482321	392562	262.4	-90	360				NSI	
SPBA2901	Baloo	12	6482321	392600	262.4	-90	360				NSI	
SPBA2902	Baloo	6	6482322	392639	262.4	-90	360				NSI	
SPBA2903	Baloo	12	6482321	392678	262.4	-90	360				NSI	
SPBA2904	Baloo	11	6482321	392721	262.3	-90	360				NSI	
SPBA2905	Baloo	14	6482320	392761	262.2	-90	360				NSI	
SPBA2906	Baloo	6	6482320	392800	262.2	-90	360				NSI	
SPBA2907	Baloo	7	6482318	392838	262.3	-90	360				NSI	
SPBA2908	Baloo	10	6482319	392878	262.4	-90	360				NSI	
SPBA2909	Baloo	8	6482320	392917	262.4	-90	360				NSI	
SPBA2910	Baloo	24	6482320	392959	262.4	-90	360				NSI	
SPBA2911	Baloo	8	6482320	392999	262.4	-90	360				NSI	



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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2912	Baloo	33	6482321	393038	262.4	-90	360				NSI	
SPBA2913	Baloo	15	6482559	393043	262.3	-90	360				NSI	
SPBA2914	Baloo	17	6482560	392998	262.3	-90	360				NSI	
SPBA2915	Baloo	13	6482559	392957	262.3	-90	360				NSI	
SPBA2916	Baloo	14	6482560	392919	262.4	-90	360				NSI	
SPBA2917	Baloo	29	6482563	392880	262.4	-90	360				NSI	
SPBA2918	Baloo	14	6482562	392841	262.4	-90	360				NSI	
SPBA2919	Baloo	6	6482563	392802	262.4	-90	360				NSI	
SPBA2920	Baloo	12	6482562	392759	262.5	-90	360				NSI	
SPBA2921	Baloo	13	6482563	392719	262.5	-90	360				NSI	
SPBA2922	Baloo	7	6482562	392678	262.5	-90	360				NSI	
SPBA2923	Baloo	5	6482566	392640	262.4	-90	360				NSI	
SPBA2924	Baloo	4	6482567	392602	262.4	-90	360				NSI	
SPBA2925	Baloo	5	6482567	392562	262.5	-90	360				NSI	
SPBA2926	Baloo	4	6482568	392521	262.5	-90	360				NSI	
SPBA2927	Baloo	6	6482567	392481	262.4	-90	360				NSI	
SPBA2928	Baloo	12	6482569	392444	262.3	-90	360				NSI	
SPBA2929	Baloo	11	6482568	392400	262.4	-90	360				NSI	
SPBA2930	Baloo	8	6482568	392361	262.4	-90	360				NSI	
SPBA2931	Baloo	20	6482567	392322	262.5	-90	360				NSI	
SPBA2932	Baloo	4	6482566	392278	262.4	-90	360				NSI	
SPBA2933	Baloo	11	6482556	392238	262.5	-90	360	4	8	4	0.32	
SPBA2934	Baloo	10	6482566	392199	262.3	-90	360				NSI	
SPBA2935	Baloo	18	6482566	392161	262.4	-90	360				NSI	
SPBA2936	Baloo	29	6482569	392118	262.4	-90	360				NSI	
SPBA2937	Baloo	41	6482568	392079	262.5	-90	360				NSI	
SPBA2938	Baloo	26	6482569	392040	262.5	-90	360				NSI	
SPBA2939	Baloo	36	6482567	392001	262.7	-90	360				NSI	
SPBA2940	Baloo	21	6480603	392921	262.4	-90	360				NSI	
SPBA2941	Baloo	19	6480604	392940	262.4	-90	360				NSI	
SPBA2942	Baloo	29	6480607	392961	262.3	-90	360				NSI	
SPBA2943	Baloo	33	6480598	392978	262.3	-90	360				NSI	
SPBA2944	Baloo	41	6480602	392998	262.3	-90	360				NSI	
SPBA2945	Baloo	39	6480601	393018	262.3	-90	360				NSI	
SPBA2946	Baloo	51	6480600	393041	262.2	-90	360				NSI	
SPBA2947	Baloo	24	6480518	393099	262.2	-90	360				NSI	
SPBA2948	Baloo	30	6480522	393079	262.2	-90	360				NSI	
SPBA2949	Baloo	43	6480520	393060	262.2	-90	360				NSI	
SPBA2950	Baloo	42	6480517	393042	262.2	-90	360				NSI	
SPBA2951	Baloo	41	6480516	393024	262.3	-90	360				NSI	

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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2952	Baloo	46	6480517	393002	262.3	-90	360				NSI	
SPBA2953	Baloo	57	6479961	393200	262	-90	360				NSI	
SPBA2954	Baloo	65	6479958	393160	262	-90	360				NSI	
SPBA2955	Baloo	55	6479960	393116	262	-90	360				NSI	
SPBA2956	Baloo	49	6479958	393078	262	-90	360				NSI	
SPBA2957	Baloo	21	6479962	393039	262	-90	360				NSI	
SPBA2958	Baloo	31	6479964	393031	262	-90	360				NSI	
SPBA2959	Baloo	40	6479963	393000	262	-90	360				NSI	
SPBA2960	Baloo	69	6479963	392960	261.9	-90	360				NSI	
SPBA2961	Baloo	62	6479964	392922	262.1	-90	360				NSI	
SPBA2962	Baloo	74	6479962	392882	262.2	-90	360				NSI	
SPBA2963	Baloo	68	6479961	392843	262.2	-90	360				NSI	
SPBA2964	Baloo	69	6479962	392800	262.2	-90	360				NSI	
SPBA2965	Baloo	72	6479962	392763	262.3	-90	360				NSI	
SPBA2966	Baloo	60	6479962	392722	262.2	-90	360				NSI	
SPBA2967	Baloo	83	6479963	392681	262.2	-90	360				NSI	
SPBA2968	Baloo	63	6479962	392642	262.2	-90	360				NSI	
SPBA2969	Baloo	75	6479800	392522	262.1	-90	360				NSI	
SPBA2970	Baloo	87	6479802	392558	262.1	-90	360				NSI	
SPBA2971	Baloo	74	6479803	392601	262.1	-90	360				NSI	
SPBA2972	Baloo	63	6479798	392638	262.1	-90	360				NSI	
SPBA2973	Baloo	57	6479799	392678	262.1	-90	360				NSI	
SPBA2974	Baloo	48	6479799	392718	262	-90	360				NSI	
SPBA2975	Baloo	67	6479800	392761	262	-90	360				NSI	
SPBA2976	Baloo	66	6479802	392802	262	-90	360	24	28	4	0.31	
SPBA2977	Baloo	44	6479802	392841	262	-90	360				NSI	
SPBA2978	Baloo	53	6479799	392881	262	-90	360				NSI	
SPBA2979	Baloo	78	6479803	392919	262.1	-90	360	20	24	4	0.29	
SPBA2980	Baloo	91	6479803	392960	262	-90	360				NSI	
SPBA2981	Baloo	66	6479804	392998	262.2	-90	360				NSI	
SPBA2982	Baloo	55	6479800	393038	262	-90	360				NSI	
SPBA2983	Baloo	61	6479800	393078	262.1	-90	360				NSI	
SPBA2984	Baloo	64	6479802	393123	262.1	-90	360				NSI	
SPBA2985	Baloo	24	6479650	392701	262.1	-90	360				NSI	
SPBA2986	Baloo	34	6479638	392659	262.2	-90	360	20	24	4	0.53	
SPBA2987	Baloo	26	6479638	392619	262.1	-90	360				NSI	
SPBA2988	Baloo	62	6479638	392578	262.1	-90	360				NSI	
SPBA2989	Baloo	22	6479639	392539	262	-90	360				NSI	
SPBA2990	Baloo	69	6479640	392500	262.1	-90	360				NSI	
SPBA2991	Baloo	89	6480042	392822	262.2	-90	360				AWR	



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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA2992	Baloo	75	6480043	392858	262.1	-90	360				AWR	
SPBA2993	Baloo	66	6480041	392901	262.2	-90	360				AWR	
SPBA2994	Baloo	60	6480042	392942	262.2	-90	360				AWR	
SPBA2995	Baloo	53	6480042	392985	262.2	-90	360				AWR	
SPBA2996	Baloo	59	6480042	393021	262.1	-90	360				AWR	
SPBA2997	Baloo	53	6480043	393061	262	-90	360				AWR	
SPBA2998	Baloo	58	6480043	393101	262	-90	360				AWR	
SPBA2999	Baloo	47	6480602	393059	262.2	-90	360				AWR	
SPBA3000	Baloo	39	6480601	393081	262.2	-90	360				AWR	
SPBA3001	Baloo	29	6480601	393099	262.2	-90	360				AWR	
SPBA3002	Baloo	25	6480602	393119	262.2	-90	360				AWR	
SPBA3003	Baloo	32	6480638	392958	262.2	-90	360				AWR	
SPBA3004	Baloo	25	6480639	392941	262.2	-90	360				AWR	
SPBA3005	Baloo	20	6480642	392922	262.2	-90	360				AWR	
SPBA3006	Baloo	29	6480641	392901	262.2	-90	360				AWR	
SPBA3007	Baloo	22	6480680	392924	262.3	-90	360				AWR	
SPBA3008	Baloo	20	6480680	392942	262.2	-90	360				AWR	
SPBA3009	Baloo	28	6480765	392959	262.2	-90	360				AWR	
SPBA3010	Baloo	36	6480761	393001	262.2	-90	360				AWR	
SPBA3011	Baloo	38	6480763	393042	262.3	-90	360				AWR	
SPBA3012	Baloo	31	6480759	393080	262.3	-90	360				AWR	
SPBA3013	Baloo	45	6480761	393117	262.2	-90	360				AWR	
SPBA3014	Baloo	24	6480562	392897	262.4	-90	360				AWR	
SPBA3015	Baloo	25	6480561	392877	262.3	-90	360				AWR	
SPBA3016	Baloo	39	6480564	392859	262.3	-90	360				AWR	
SPBA3017	Baloo	58	6480560	392839	262.2	-90	360				AWR	
SPBA3018	Baloo	60	6480563	392819	262.2	-90	360				AWR	
SPBA3019	Baloo	60	6480561	392797	262.3	-90	360				AWR	
SPBA3020	Baloo	51	6480562	392780	262.3	-90	360				AWR	
SPBA3021	Baloo	36	6480560	392760	262.2	-90	360				AWR	
SPBA3022	Baloo	42	6480555	392740	262.2	-90	360				AWR	
SPBA3023	Baloo	17	6480562	392923	262.3	-90	360				AWR	
SPBA3024	Baloo	30	6480922	393119	262.2	-90	360				AWR	
SPBA3025	Baloo	35	6480920	393081	262.2	-90	360				AWR	
SPBA3026	Baloo	27	6480922	393040	262.2	-90	360				AWR	
SPBA3027	Baloo	32	6480918	392993	262.2	-90	360				AWR	
SPBA3028	Baloo	21	6480919	392958	262.3	-90	360				AWR	
SPBA3029	Baloo	22	6480921	392918	262.3	-90	360				AWR	
SPBA3030	Baloo	19	6481162	392734	262.4	-90	360				AWR	
SPBA3031	Baloo	6	6481161	392720	262.4	-90	360				AWR	

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Hole No.	Zone	Total Depth	North	East	RL	Dip	Azim	From, m	To, m	Width, m	Au g/t	Comment
SPBA3032	Baloo	10	6481163	392700	262.4	-90	360				AWR	
SPBA3033	Baloo	5	6481160	392682	262.3	-90	360				AWR	
SPBA3034	Baloo	6	6481318	392721	262.4	-90	360				AWR	
SPBA3035	Baloo	4	6481316	392740	262.5	-90	360				AWR	
SPBA3036	Baloo	14	6481316	392761	262.5	-90	360				AWR	
SPBA3037	Baloo	38	6481322	392779	262.5	-90	360				AWR	
SPBA3038	Baloo	33	6481321	392800	262.4	-90	360				AWR	
SPBA3039	Baloo	33	6481321	392819	262.4	-90	360				AWR	
SPBA3040	Baloo	29	6481321	392841	262.4	-90	360				AWR	
SPBA3041	Baloo	31	6481322	392859	262.3	-90	360				AWR	
SPBA3042	Baloo	45	6481317	392877	262.3	-90	360				AWR	

\* - Interval for SPBA2769 calculated by averaging of multiple repeat readings with a top-cut of 30g/t Au applied to individual assay readings

## Crux - Centauri Diamond Drilling

Hole No.	Zone	Total Depth	North	East	RL	Dip	Azi	From, m	To, m	Width, m	Ni, pct	Cu, pct	Co, pct
SFRD0511	Centauri	502.9	6415384	478796	283	-60	360				AWR		
SFRD0512	Crux	721.7	6419806	480522	314	-60	270	363.4	365.1	1.7	0.31	0.0	0.02
And								448	455	7	0.30	0.0	0.02
SFRD0514	Crux	795.9	6420205	480100	298	-60	270						
SFRD0520	Crux	971.7	6419000	480351	306	-60	270	447	449	2	0.27	0.06	0.02
And								482.6	482.8	0.2	0.37	0.15	0.02
And								494	495	1	0.29	0.07	0.02
And								502	503	1	0.27	0.04	0.02
And								514	515	1	0.28	0.04	0.02
And								575.2	576.1	0.9	0.28	0.07	0.02
SFRD0522	Crux	821.7	6418996	480148	289	-60	270	230.8	234.1	3.3	0.28	0.04	0.01
SFRD0596	Crux	496.7	6419009	479751	284	-55	270	59.1	80	20.9	0.31	0.07	0.02
and								117	120	3	0.33	0.08	0.03
SFRD0597	Crux	511.3	6418196	480010	266	-60	270				NSI		
SFRD0598	Crux	172.4	6419006	479751	284	-65	270	128	129.2	1.2	0.57	0.10	0.05
SFRD0599	Crux	523	6418600	480350	278	-60	270				NSI		
SFRD0600	Crux	518.9	6419400	479300	271	-60	270				NSI		
SFRD0601	Crux	867.9	6421000	480600	313	-60	270				NSI		
SFRD0602	Crux	545.6	6417800	480200	268	-60	270				NSI		
SFRD0603	Crux	639.9	6418577	481058	290	-60	90				AWR		
SFRD0604	Crux	606.9	6421400	480400	303	-60	270				AWR		

Hole No.	From, m	To, m	Width, m	Cr <sub>2</sub> O <sub>3</sub> pct	TiO <sub>2</sub> pct	V <sub>2</sub> O <sub>5</sub> pct	Ni, pct	Cu, pct	Co, pct
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Hole No.	From, m	To, m	Width, m	Cr <sub>2</sub> O <sub>3</sub> pct	TiO <sub>2</sub> pct	V <sub>2</sub> O <sub>5</sub> pct	Ni, pct	Cu, pct	Co, pct
SPBD0596#	111.8	120	8.2	9.7	1.4	0.19	0.26	0.05	0.03

## Lake Harris RC Drilling

Hole No.	Zone	Total Depth	North	East	RL	Dip	Azi	From, m	To, m	Width, m	Ni, pct	Cu, pct	Co, pct
SFRD0606	Lake Harris	248	6470950	489470	283	-60	130				AWR		

AWR – results awaited, NSI – no significant intercept

The following Tables are provided to ensure compliance with the JORC code (2012) edition requirements for the reporting of exploration results.

## Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<p><i>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.</i></p>	<p><b>Baloo and Monsoon</b> The mineralised trend at Baloo is sampled by aircore drilling on a nominal 40 m hole spacing and 100 m line. A total of 703 aircore holes have been drilled to an average depth of 33 m for a total of 22,341m. Infill AC drilling has been conducted where warranted at a 40m x 20m spacing. Aircore holes are drilled vertically to refusal. Extensional drilling is being conducted at 80m x 20m 25 diamond holes have been completed with PQ3, HQ3 and NQ core being drilled for a total of 3825m. 2 Holes are in progress. Monsoon reconnaissance holes are being drilled on 160m x 40m centre. A total of 200 holes have been drilled to date, totalling 13,563m.</p> <p><b>Crux</b> The Crux prospect is sampled by 14 diamond and 6 Reverse Circulation percussion holes drilled on a nominal 400m x 160m grid orientated east-west. A total of 175 RAB/AC holes have also been completed on a nominal 400m x 100m east-west orientated grid. The Crux prospect has been sampled by 590 auger soil samples, these have been drilled to an average depth of 3m, all holes are vertical.</p> <p><b>Lake Harris</b> The Lake Harris prospect is sampled by auger soil and calcrete sampling on a nominal 400m (northing) x 320m (easting) grid spacing with infill to 200m x 160m. A total of 3639 auger soil samples and 3641 auger calcrete samples have been drilled to an average depth of 2m, all holes are drilled vertical. Six traverses of RAB and Aircore holes at between 40 and 80m spacing were drilled across peak calcrete anomalies.</p>

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Criteria	JORC Code explanation	Commentary
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used</i>	The drillhole locations are picked up by handheld GPS. Sampling was carried out under Sirius protocols and QAQC procedures as per industry best practice. Auger samples are logged for landform, and sample contamination.
	<i>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</i>	<p><b>Baloo and Monsoon</b>  Reconnaissance aircore samples are composited at 4 m to produce a bulk 3 kg sample. Samples were crushed, dried, pulverised (total prep), and split to produce a 25 g sub sample which is analysed using aqua-regia digestion with ICP-MS finish with a 1 ppb detection limit.  Infill Aircore is sampled at 1m intervals with the same total prep and then fire assayed using a 50g charge.  Diamond core is sampled to geological boundaries of no more than 1m and no less than 30cm.  Oxide PQ3 and NQ3 core is whole core sampled and then dried, crushed to -2mm and then rotary split to a 3kg sample for pulverisation and 50g fire assay. The reject of the rotary split is stored for duplicate assays work at Sirius Resources warehouse facility.</p> <p><b>Crux</b>  Diamond core is HQ and NQ2 size, sampled on geological intervals (0.2 m to 1.2 m), cut into half (NQ2) or quarter (HQ) core to give sample weights under 3 kg. Samples were crushed, dried and pulverised (total prep) to produce a sub sample for analysis by four acid digest with an ICP/OES  The following elements are included Ag, Al, As, Co, Cr, Cu, Fe, K, Mg, Mn, Ni, Ti, Tl, V, Zn, Au, Pt, Pd</p> <p><b>Lake Harris</b>  All auger samples are sieved to produce a -2.5mm soil sample and a +2.5mm calcrete (tested with acid).  Samples were sieved, dried and pulverised (total prep) to produce a representative sample for analysis by Aqua Regia. Calcrete samples were analysed for Au only by AAS finish. Soil samples were analysed for a multi-element suite by an ICP-OES finish. The majority of the calcrete samples were also analysed for Au by AAS.  All drilling was RAB/AC, sampled using 4m composite samples, and where applicable 1m end of hole samples. Composite samples are taken to give sample weights under 3kg.  Samples were crushed, dried and pulverised (total prep) to produce a representative 10g sub sample for analysis by aqua regia with ICP-OES finish.  The following elements are included Ag, Al, As, Au, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Te, Ti, Tl, V, W, Zn</p>

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Criteria	JORC Code explanation	Commentary
<b>Drilling techniques</b>	<i>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).</i>	<p><b>Baloo and Monsoon</b> Aircore drilling currently accounts for the majority of Sirius' current drilling at the Baloo and Monsoon prospect (531holes). 25 holes by diamond drilling have been completed to augment the Aircore drilling with oxide triple tube holes and deeper orientated holes into fresh primary material.</p> <p><b>Crux</b> Aircore RC and Diamond drilling has been conducted at Crux.</p> <p><b>Lake Harris</b> Drilling to date has been RC (two holes), RAB (45 holes) Aircore (95 holes) and auger soil and calcrete samples.</p>
<b>Drill sample recovery</b>	<i>Method of recording and assessing core and chip sample recoveries and results assessed</i>	<p><b>Baloo and Monsoon</b> Aircore recoveries are logged visually as a percentage. Diamond core is logged for recovery percentage for each core run. Diamond core recovery in the oxide has averaged 85%. Recovery in the primary has exceeded 95%.</p> <p><b>Crux</b> Drill sample recoveries are recorded as an average for each individual lithological unit logged and recorded in the database. Overall recoveries are good and there are no significant sample recovery problems.</p> <p><b>Lake Harris</b> Drill sample recoveries are recorded as an average for each individual lithological unit logged and recorded in the database. Overall recoveries are good and there are no significant sample recovery problems.</p>
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples</i>	<p>Drill cyclone and sample buckets are cleaned between rod-changes and after each hole to minimise down hole and/or cross-hole contamination.</p> <p>Triple tube diamond core through the weathered zone is too broken to allow core cutting and therefore the core is sampled whole to ensure no bias is introduced.</p>
	<i>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.</i>	<p><b>Baloo and Monsoon</b> Aircore drilling samples were occasionally wet which may have resulted in sample bias due to preferential loss/gain of fine/coarse material. Further diamond and RC will need to be undertaken to evaluate these effects.</p> <p>Core drilling has short lengths of no recovery in areas of very soft clays and fault gouge within the weathered zones. These are recorded as poor or zero recovery and not assigned grade.</p> <p><b>Crux</b> Insufficient drilling and geochemical data is available at the present stage to evaluate potential sample bias.</p> <p><b>Lake Harris</b> Insufficient drilling and geochemical data is available at the present stage to evaluate potential sample bias.</p>



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Criteria	JORC Code explanation	Commentary
<b>Logging</b>	<i>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.</i>	<p><b>Baloo and Monsoon</b> The initial 4m composited sampling is not appropriate for mineral resource estimation and is considered a qualitative sampling technique. Infill aircore has been logged and sampled at 1m intervals downhole and is being assessed for suitability as part of a Resource Estimation Diamond triple tube drilling is being conducted in the oxide to determine whether the infill aircore samples are appropriate for mineral resource estimation.</p> <p><b>Crux</b> The initial sampling is not appropriate for mineral resource estimation</p> <p><b>Lake Harris</b> The initial 4m composited sampling is not appropriate for mineral resource estimation</p>
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	Logging of aircore records lithology, mineralogy, mineralisation, weathering, colour and other features of the samples.
	<i>The total length and percentage of the relevant intersections logged</i>	All drillholes were logged in full.
<b>Sub-sampling techniques and sample preparation</b>	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	<p><b>Baloo and Monsoon</b> PQ3 and HQ3 core in the weathered zone is sampled whole core. Oxide whole core is submitted to the lab in samples not exceeding 6kg and then coarse crushed to &lt;2mm. Samples are then rotary split to provide a 3kg sub sample for pulverisation. Weakly weathered and fresh core is sawn and half core sampled.</p> <p><b>Crux</b> HQ and NQ core is sawn and sampled as half core.</p>
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	<p><b>Baloo and Monsoon, Crux and Lake Harris</b> Aircore chips are sampled by scoop. Samples were collected both wet and dry.</p>
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	<p><b>Baloo and Monsoon, Crux and Lake Harris</b> The sample preparation of aircore follows industry best practice in sample preparation All samples are pulverised utilising Essa LM1, LM2 or LM5 grinding mills determined by the size of the sample. Samples are dried, crushed as required and pulverized to produce a homogenous representative sub-sample for analysis. A grind quality target of 85% passing 75µm has been established and is relative to sample size, type and hardness.</p>
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	<p><b>Baloo and Monsoon, Crux and Lake Harris</b> Reconnaissance aircore samples are collected at 1 m intervals and composited into 4 m samples using a scoop to sample individual metre samples. Certified Reference Materials (CRM's) and/or in house controls, blanks, splits and replicates are analysed with each batch of samples. These quality control results are reported along with the sample values in the final report. Selected samples are also re-analysed to confirm anomalous results. Infill aircore is collected as 1m samples with regular field duplicates and CRM inserted every 15 samples</p>
	<i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i>	<p><b>Baloo and Monsoon, Crux and Lake Harris</b> Field duplicates are taken at regular intervals. Samples are selected to weigh less than 3kg to ensure total preparation at the pulverisation stage.</p>

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Criteria	JORC Code explanation	Commentary
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> Sample sizes are considered appropriate to give an accurate indication of mineralisation given the qualitative nature of the technique.
<b>Quality of assay data and laboratory tests</b>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	<p><b>Baloo and Monsoon</b> The analytical technique used a 25g aqua-regia digestion with ICP-MS finish for gold only. The method gives a near total digestion of the regolith intercepted in aircore drilling. This method is appropriate to detect anomalous gold mineralisation. Infill 1m samples and samples greater than 1 g/t are re-assayed using 50 g fire-assay with AAS finish which gives total digestion and is more appropriate for high-level samples.</p> <p><b>Crux</b> Diamond and Reverse circulation samples and bottom of hole RAB/AC drill samples are analysed using four acid digest multi element suite with ICP/OES or ICP/MS finish (25 gram or 50 gram FA/AAS for precious metals). The acids used are hydrofluoric, nitric, perchloric and hydrochloric acids, suitable for silica based samples. The method approaches total dissolution of most minerals. Total sulphur is assayed by combustion furnace. 4m composite samples from RAB/AC drilling are analysed using Aqua Regia digest multi element suite with ICP/OES finish, suitable for reconnaissance. This is a partial digestion technique. Surface samples and auger soil samples are analysed by portable XRF machine and Aqua Regia digest multi element suite with ICP/OES finish, suitable for the reconnaissance style sampling undertaken.</p> <p><b>Lake Harris</b> The analytical techniques used Aqua Regia digest multi element suite with ICP/OES finish, suitable for the reconnaissance style drilling undertaken.</p>
	<i>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.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No geophysical tools were used to determine any element concentrations used in this resource estimate.
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> Sample preparation checks for fineness were carried out by the laboratory as part of their internal procedures to ensure the grind size of 85% passing 75 micron was being attained. Laboratory QAQC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of the in house procedures.
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> The Exploration Manager of Sirius has visually verified significant intersections.
	<i>The use of twinned holes.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No twin holes have been drilled at Baloo to date.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> Primary data was collected using a set of standard Excel templates using lookup codes. The information was sent to an external database consultant for validation and compilation into a Perth based SQL database.

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Criteria	JORC Code explanation	Commentary
	<i>Discuss any adjustment to assay data.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No adjustments or calibrations were made to any assay data reported.
<b>Location of data points</b>	<i>Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> Drillhole collars were located by GPS and DGPS. Elevation values were in AHD. Expected accuracy is +/- 0.05 m for easting, northing and 0.05m for elevation coordinates with DGPS. GPS accuracy is +/- 5m.
	<i>Specification of the grid system used.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> The grid system is GDA94 (MGA), zone 51.
	<i>Quality and adequacy of topographic control.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> A topographic surface has been created from aerial geophysical data, This has been calibrated with DGPS survey data. Drillhole collars are corrected to this surface where DGPS pickup is not available.
<b>Data spacing and distribution</b>	<i>Data spacing for reporting of Exploration Results.</i>	<b>Baloo and Monsoon</b> The nominal drillhole spacing is 40 m (easting) by 80 or 100 m (northing). Infill drilling has been conducted at a nominal 40m x 20m spacing. Regional drilling is being conducted at 320m x 40m <b>Crux</b> The nominal drillhole spacing is 200 m (northing) by 100 m (easting). <b>Lake Harris</b> The nominal auger sample spacing is 400 m (northing) by 320 m (easting) with infill to 200m x 160m. RAB and Aircore drilling at 40 or 80m spacing at Northings selected over peak anomalies
	<i>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.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> The mineralised domains have not yet demonstrated sufficient continuity in both geological and grade continuity to support the definition of Mineral Resource and Reserves, and the classifications applied under the 2012 JORC Code.
	<i>Whether sample compositing has been applied.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No compositing has been applied to the exploration results.
<b>Orientation of data in relation to geological structure</b>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	<b>Baloo</b> The main mineralised structure appears to be dipping moderately to the east and hence 270 azimuth diamond drilling give approximately true width intersections. Supergene dispersion appears relatively flat lying and hence the vertical Aircore holes also approximate to true thickness <b>Monsoon, Crux and Lake Harris</b> The orientation of mineralised structures has not been ascertained. This is being determined by scissor diamond holes. To avoid bias drilling to date has been vertical. Drilling is mainly restricted to the overlying regolith and seldom penetrates fresh rock by more than a couple of metres.
	<i>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.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No orientation based sampling bias has been identified in the data at this point.



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Criteria	JORC Code explanation	Commentary
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> Chain of custody is managed by Sirius. Samples are stored on site and either delivered by Sirius personnel to Perth and then to the assay laboratory, or collected from site by Centurion Transport and delivered direct to the assay laboratory. Whilst in storage, they are kept on a locked yard. Tracking sheets have been set up to track the progress of batches of samples.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	<b>Baloo and Monsoon, Crux and Lake Harris</b> No audits or reviews have been conducted at this stage.

## Section 2 REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	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.	<p><b>Baloo and Monsoon</b> The drilling is located on Exploration Licence E15/1298 and E63/1142. The tenements are 100% owned by Polar Metals Pty Ltd, a wholly owned subsidiary of Sirius Resources NL.</p> <p><b>Crux</b> Crux prospect is located wholly within Exploration Licence E63/1371. Crux prospect is located on E63/1371 &amp; E63/1103. The tenements are part of the Fraser Range JV between Sirius Gold Pty Ltd, a wholly owned subsidiary of Sirius Resources NL, and Free CI Pty Ltd. Sirius has a 70% interest in the tenement. E63/1371 is within the 'B' class Dundas Nature Reserve. Sirius has developed a conservation management plan that has been submitted and approved by DPaW to allow exploration within the Nature Reserve.</p> <p>Both projects are situated within the Ngadju Native Title Claim (WC99/002).</p> <p><b>Lake Harris</b> The gold prospects are located wholly within Exploration Licence E28/1630. The tenement is part of the Fraser Range JV between Sirius Gold Pty Ltd, a wholly owned subsidiary of Sirius Resources NL, and Lake Rivers Gold Pty Ltd. Sirius has a 70% interest in the tenement. The tenement sits within the Ngadju Native Title Claim (WC99/002).</p>
	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.	<b>Baloo and Monsoon, Crux and Lake Harris</b> The tenements is in good standing and no known impediments exist.

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Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<p><b>Baloo and Monsoon</b> Plutonic Operations Limited and Homestake Gold of Australia Limited conducted reconnaissance aircore drilling (PBAC prefix) over Lake Cowan on predominantly 100 m drillhole spacing and 800 m line spacing from 1997-1999. Location of these drillholes cannot be verified as the collars are now mostly obscured. Aircore sampling was done by 4 m composites with 1 m resplits on samples greater than 0.1 g/t. Samples were assayed by aqua-regia digest with AAS finish although this cannot be verified as the original laboratory certificates are not available.</p> <p><b>CRUX</b> Newmont Pty Ltd carried out exploratory activities between 1960's and 1970's through the western regions of the Fraser Range Complex. To the best of Sirius' knowledge no known historical drilling has occurred over the Centauri or Crux prospects. Multiple generations of historical soil/calcrete sampling on various grid spacing's occur through the tenements. The locations and results cannot be verified, and are not included in the results.</p> <p><b>Lake Harris</b> To the best of Sirius' knowledge no known historical drilling has occurred over the Lake Harris prospect. Multiple generations of historical soil/calcrete sampling on various grid spacings occur through the tenements. The locations and results cannot be verified, and are not included in the results.</p>
Geology	Deposit type, geological setting and style of mineralisation.	<p>Baloo and Monsoon are situated within the Archaean Norseman-Wiluna Belt which locally includes basalts, komatiites, metasediments, and felsic volcanoclastics. The primary gold mineralisation is related to hydrothermal activity during multiple deformation events. Indications are that mineralisation is focused on or near to the stratigraphic boundary between the Killaloe and Buldania Formation.</p> <p>At Crux, the geological setting is a Proterozoic aged gabbroic intrusion(s) within metasediments situated in the Albany Fraser mobile belt. It is a high grade metamorphic terrane. The deposit style sought after is analogous to the recent Nova Ni-Cu-Co mafic hosted nickel-copper deposits.</p> <p>At Lake Harris the geological setting is a Proterozoic/Archaean aged orogenic gold mineralisation on the western margin of the Albany Fraser mobile belt. It is a high grade metamorphic terrane. The deposit style sought after is analogous to the Tropicana gold deposit.</p>
Drill hole Information	<p>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:</p> <ul style="list-style-type: none"> <li>• easting and northing of the drill hole collar</li> <li>• elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar</li> <li>• dip and azimuth of the hole</li> <li>• down hole length and interception depth</li> <li>• hole length.</li> </ul>	Refer to Annexure1 in body of text.

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<b>Data aggregation methods</b>	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.	<b>Baloo and Monsoon</b> All reported assays have been length weighted. No top-cuts have been applied. A nominal 0.2 g/t Au lower cut-off is used to report Aircore intersections and 0.5 g/t Au lower cut-off is used for the diamond intersections at Baloo and Monsoon
	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.	High grade gold intervals internal to broader zones of gold mineralisation are reported as included intervals.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used for reporting exploration results.
<b>Relationship between mineralisation widths and intercept lengths</b>	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 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').	<b>Baloo and Monsoon</b> The geometry of the primary mineralisation is not known at present due to the lack of deeper drilling and the early stage of exploration. The trend of mineralisation appears broadly north south and is coincident with an elevated arsenic trend in bedrock.  <b>Crux</b> Nickel sulphide mineralisation is found at the base of intrusions or within layers internal to the intrusions. In some instances sulphides may be locally remobilised into faults and fractures.  Refer to Annexure 1 and Figures in body of text.
<b>Diagram</b>	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.	Refer to Figures in body of text.
<b>Balanced reporting</b>	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.	At Baloo and Monsoon, all significant results are reported, with a 0.2 g/t lower cut-off for aircore drilling and a 0.5 g/t Au cut-off for diamond drilling.  At Crux, all Ni and Cu results are reported. For Diamond drilling a lower cut-off of 0.25% Ni is used
<b>Other substantive exploration data</b>	Other exploration data, if meaningful and material, should be 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.	Refer to figures in body of text.



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<b>Further work</b>	<p>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive</p>	<p><b>Baloo and Monsoon</b></p> <p>At this stage, mineralisation is only indicative and requires further infill to test for coherency. Diamond drilling in the bedrock beneath anomalous zones has been started to establish the orientation and style of the mineralisation.</p> <p>Diamond coring with PQ3 triple tube will be used to verify current aircore results in the oxide zone to determine their suitability for resource definition.</p> <p>Aircore drilling will be used to further define anomalism along strike and in similar litho-structural positions inferred from aeromagnetic interpretation.</p>