



QUARTERLY ACTIVITIES REPORT

Estrella Resources Limited

ABN 39 151 155 207

ASX Code: ESR

Board and Management

*Chief Executive Officer
Christopher Daws (CEO)*

Non-Executive Directors

John Kingswood

Ray Shorrocks

Stephen Brockhurst

Company Secretary

David McEntaggart

Address

*Level 11, London House
216 St Georges Terrace Perth
WA 6000
PO Box 2517 Perth WA 6831*

*Telephone: +61 8 9481 0389
Facsimile: +61 8 9463 6103*

*info@estrellaresources.com.au
www.estrellaresources.com.au*

Quarter ending 31 December 2018

ASX RELEASE 31 January 2019

HIGHLIGHTS

- High Powered Electro-Magnetics (HPEM) identified two conductors at Carr Boyd
- Fosters Hill Prospect 8km East of the Carr Boyd mine HPEM completed
- Phase III HPEM completed extends survey another 2.6km north to the Granites Prospect following the highly encouraging results of Phase II
- Drilling at Spargoville Nickel Project returned very high-grade nickel mineralisation
- Results included
 - 15m at 10.45% Ni, 0.78% Cu, 0.20% Co, 0.87g/t Pd, and 1.15g/t Pt from 20m in KWC0004
 - 5m at 11.32% Ni, 0.54% Cu, 0.21% Co, 0.42g/t Pd, and 0.22g/t Pt from 61m in KWC0001
 - 3m at 12.90% Ni, 1.37% Cu, 0.29% Co, 1.86g/t Pd, and 0.67g/t Pt from 69m in KWC0002
- Nickel samples from the 5A drilling collected to conduct metallurgical test work
- The drilling results, which exceeded expectations, will be used in a Mineral Resource estimate to JORC 2012 reporting standards for the Spargoville Nickel Project

Estrella Resources Limited (ASX: ESR) (**Estrella** or **Company**) is pleased to provide its Activities Report for the quarter ended 31 December 2018.

WORK SUMMARY

The focus of fieldwork during the quarter was the Carr Boyd Layered Complex (CBLC), and the Spargoville Nickel Project.

At Carr Boyd, Phase III ground HPEM surveying over the northern CBLC and the Fosters Hill area was completed.

At Spargoville, drilling was completed on two high priority drill targets. One was sampling the high-grade mineralisation beneath the 5A open pit for metallurgical testwork and economic evaluations. The other was an EM target located between the 5A and 5B mines. Both objectives were successfully completed.

GROUND HPEM SURVEYING AT CARR BOYD

Phase II and Phase III moving loop HPEM surveys extending north from the Phase I survey were completed during the quarter, screening the interpreted basal contact position and immediate footwall sequence to over 4km north of the Carr Boyd Mine.

There are several historic high priority exploration targets and prospects in this area based on surface geochemistry, downhole geochemistry, aero-magnetics, ground gravity, and interpreted geology datasets. HPEM has now defined two significant conductors indicative of the presence of well-developed sulphides associated with two of the exploration targets, Target A and Target 5.

The Fosters Hill survey was also completed as part of the Phase II program.

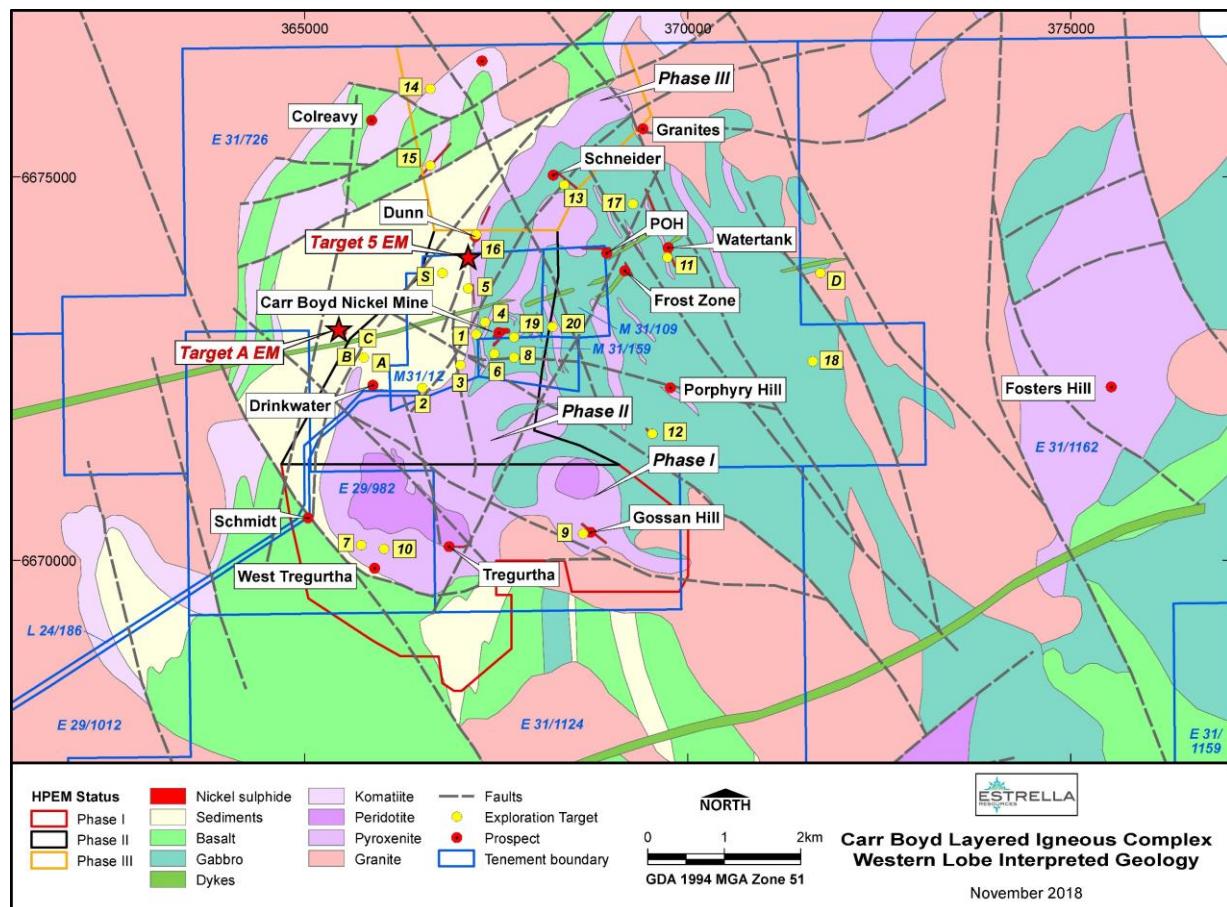


Figure 1. Geological map of the CBLC with outlines of Phase I, Phase II, and Phase III HPEM. Also shown are all ranked exploration targets (yellow dots) and advanced prospect locations (red dots).

TARGET 5

The first known report of this target appears in an internal company report written for Titan Resources in 2004. It is described again in an internal company report written for Yilgarn Mining in 2008.

The target is defined by a 450m long zone of highly anomalous nickel and copper mineralisation in drilling, located approximately 100m south of the newly defined EM conductor. The mineralisation and EM conductor appear to be located on or very close to the interpreted basal contact position of the CBLC. Historic drilling does not appear to have tested the conductor defined by the recently completed Phase II HPEM.

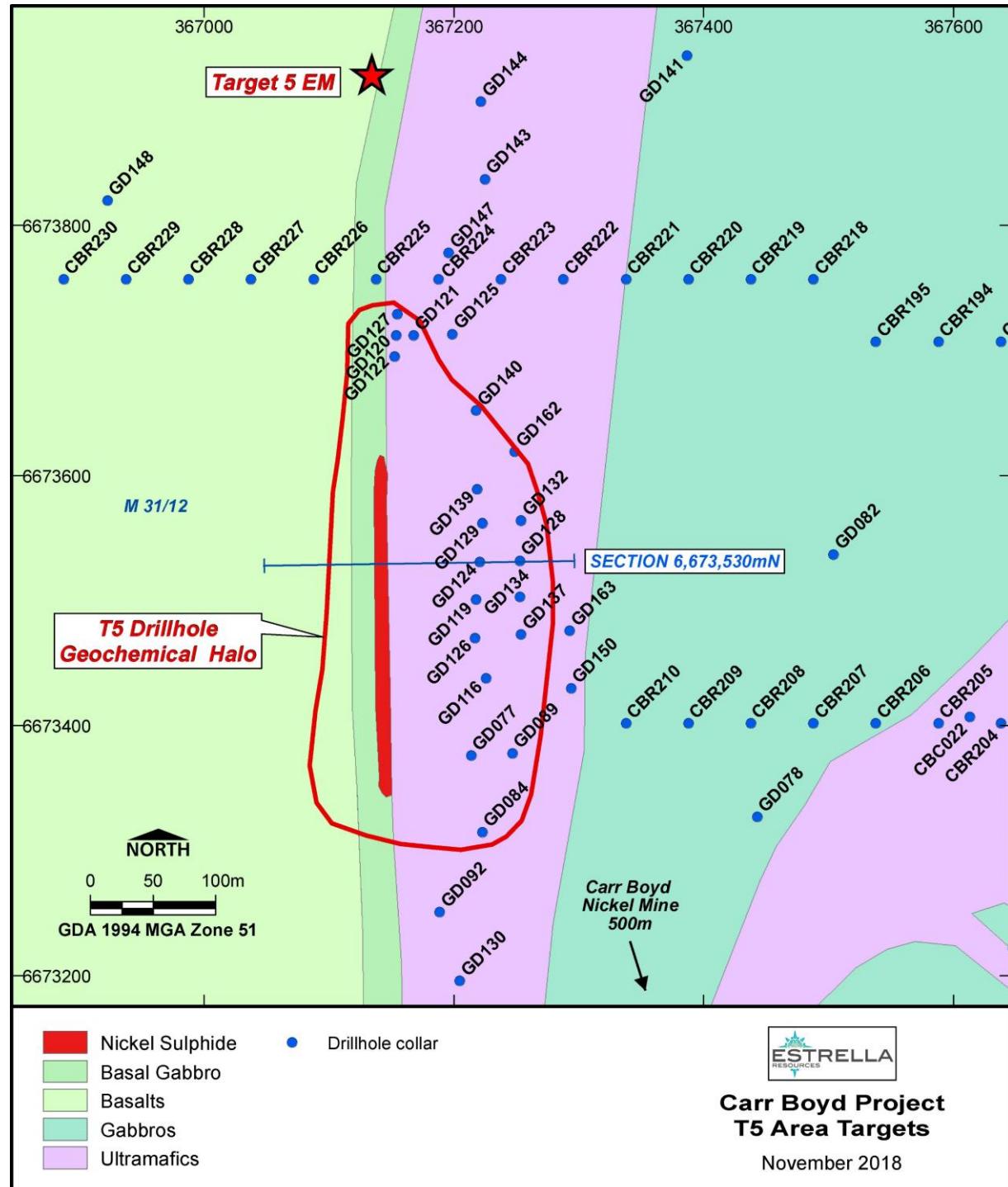


Figure 2. Geological map showing the location of the T5 EM conductor, The T5 geochemical halo and nickel sulphide location, drillhole collar locations, and distance to the Carr Boyd Mine.

The EM conductor is discrete and moderately to highly conductive. The modelled conductance is 3000 – 5000S, making this a very high priority drill target.

Historic drilling returned many anomalous results over a 450m strike length of the interpreted basal contact at Target 5. The best of which was 3.35m at 0.79% Ni and 0.35% Cu, including 0.61m at 2.12% Ni and 0.56% Cu from 100.89m in GD124.* This occurs in a zone of disseminated and matrix sulphide on the interpreted basal contact of the CBLC. This is very positive support for the EM conductor located approximately 300m along strike to the north.

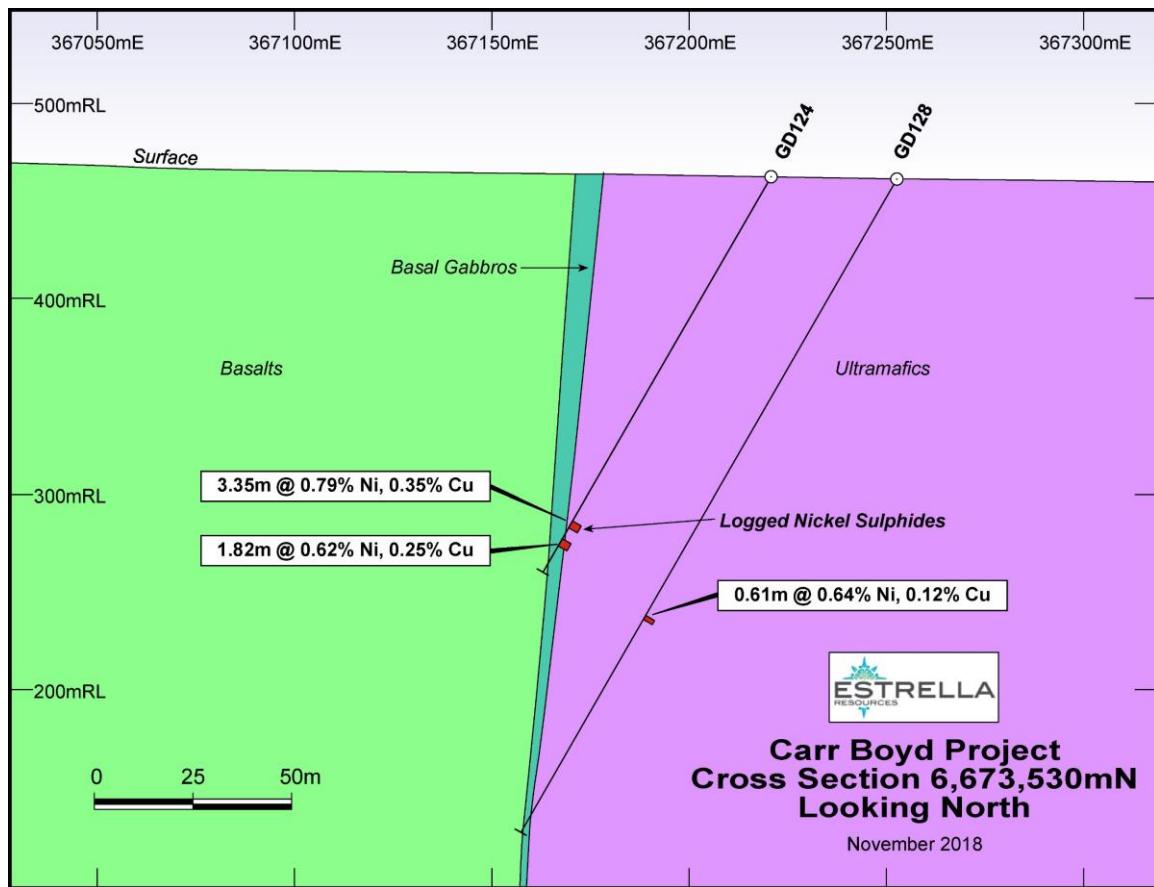


Figure 3. Key cross section through Target 5 showing the location of nickel sulphide intercepts.

*Refer to ESR announcement "EM Confirms Two High Priority Targets at Carr Boyd" 26 November 2018

A “Voisey Bay” style model has not been adequately explored within the CBLC. This represents a compelling exploration target opportunity which the Company will continue to aggressively pursue.

SPARGOVILLE 5A TARGET

Recent drilling has exceeded the Company expectations at 5A. Assay results returned from the Company’s maiden drilling program have been consistently higher than historic drilling. The presence of elevated platinum group and cobalt mineralisation in the results is also a very encouraging development for the project.

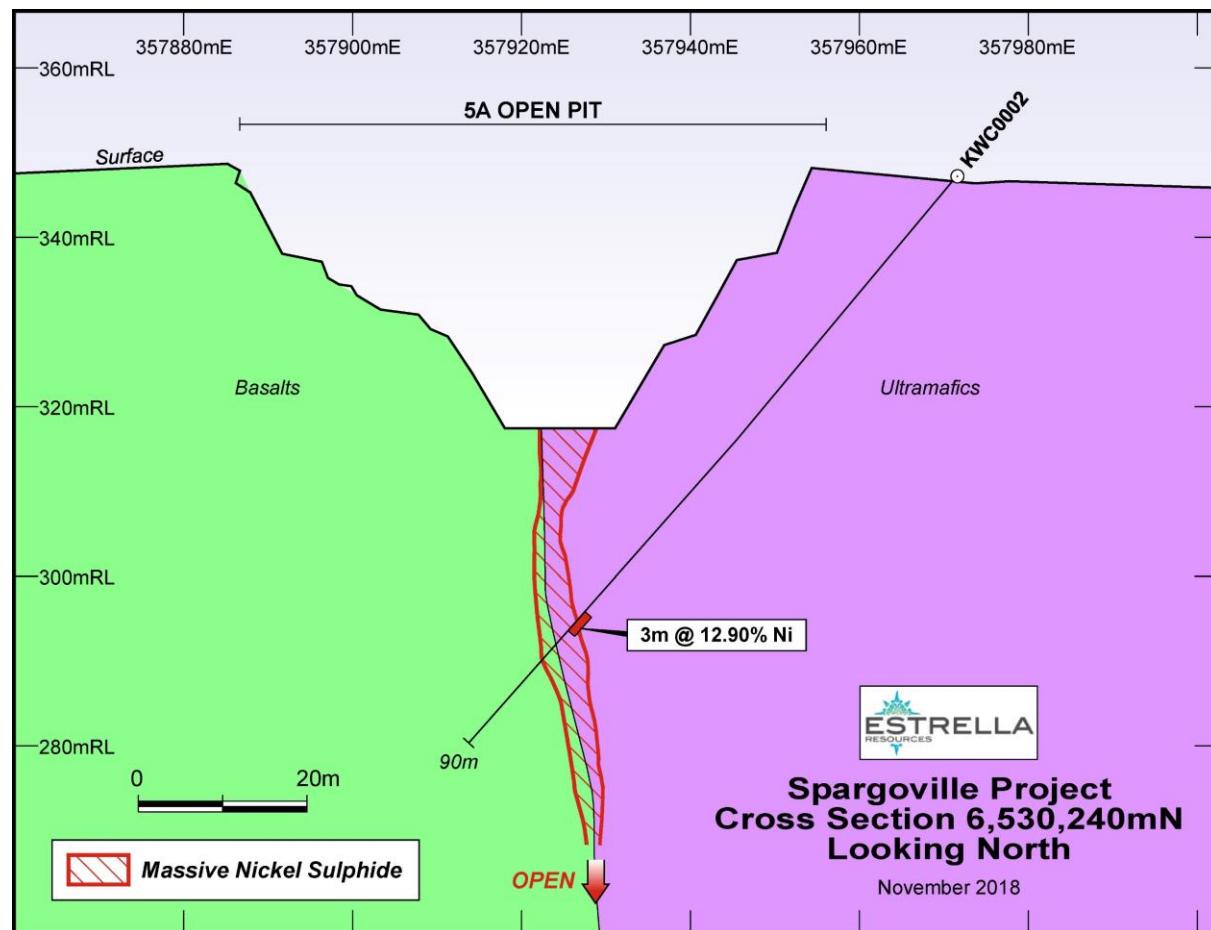


Figure 5. Cross Section section of Spargoville 5A showing the drill hole trace for RC hole KWC0002. Note historic drilling has been left off the cross section for clarity.*

Bulk samples have been collected from the drill spoils to conduct metallurgical test work and delivered to a laboratory in Perth, WA. There have been significant advances in metallurgical technology and the Company is excited by the significant platinum group element grades, and the high cobalt price have the potential to significantly enhance the economics of the project.

Recent interrogation of historic geophysical datasets has revealed the presence of several high priority EM targets, which will be targeted by future drilling. Updates on these geophysical targets will be provided once the interrogation process is completed.

*Refer to ESR announcement “Spectacular Maiden Drill Results Spargoville” 06 December 2018

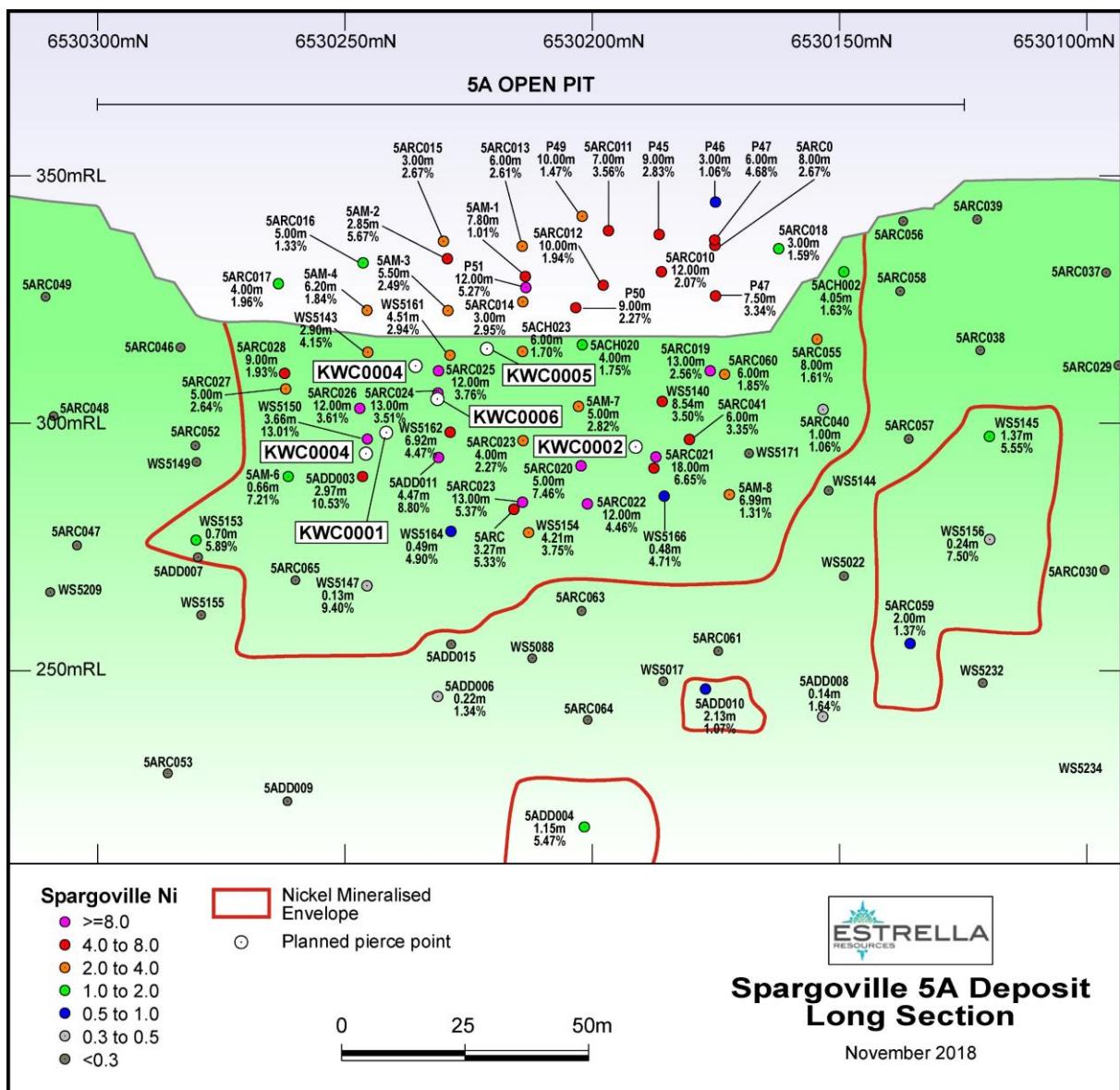


Figure 6. Long section of Spargoville 5A showing the pierce point locations of the new RC holes, KWC0001, KWC0002, KWC0003, and KWC0005*

*Refer to ESR announcement "Spectacular Maiden Drill Results Spargoville" 06 December 2018

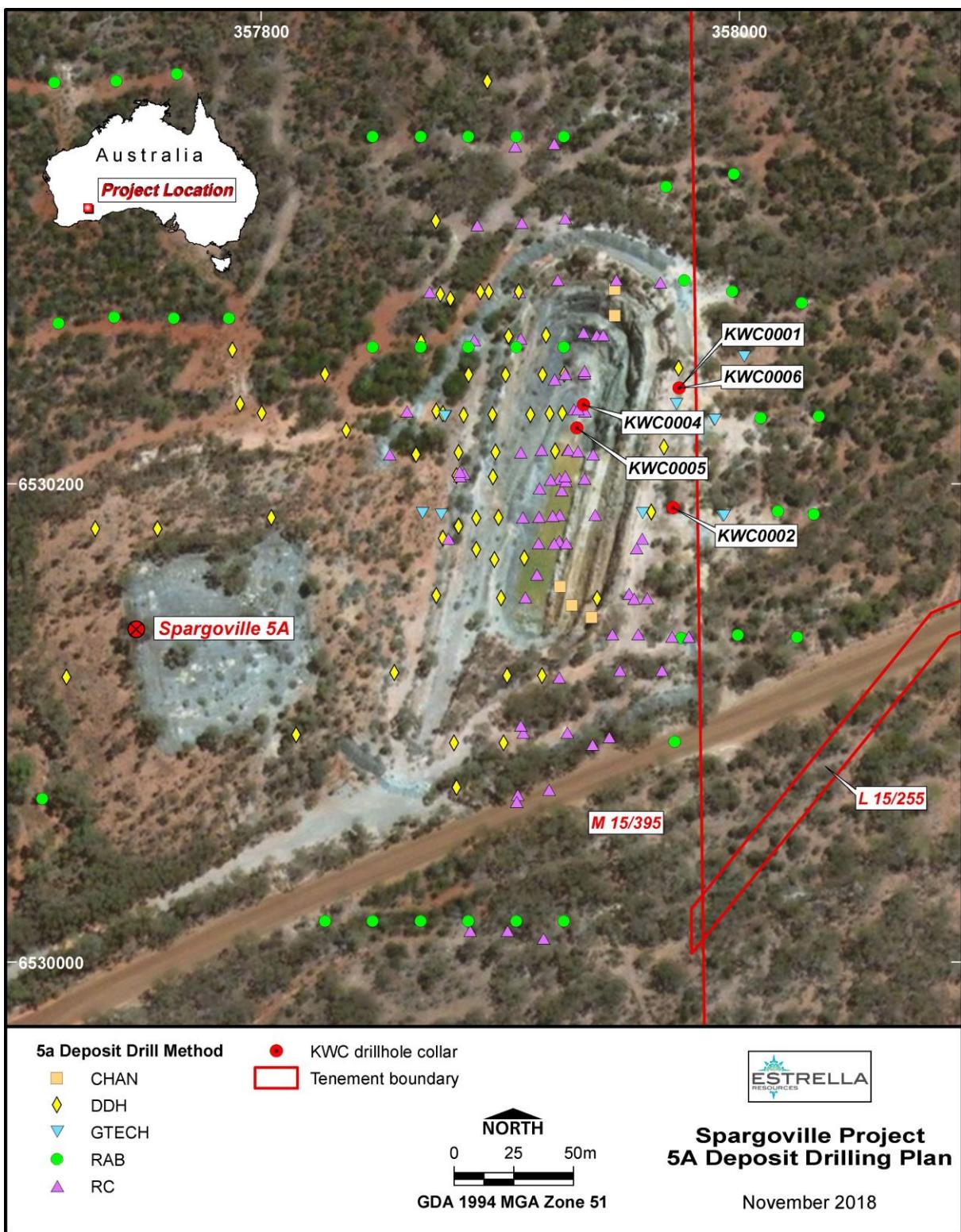


Figure 7. Map showing location of the 5A open pit, and the drill collars for the intercepts reported in this announcement

M15/96-C1 TARGET

An EM survey completed by Consolidated Minerals in 2010 on neighbouring tenement M15/96 identified this EM conductor, which was located close to the eastern boundary of M15/395. KWC0003 targeted this conductor, which was found to be caused by a sulphidic black shale horizon in ultramafics and no follow up work will be required.

There are several historic EM targets within the Spargoville Project tenure which the Company is currently interrogating and further updates will be provided once this is completed.

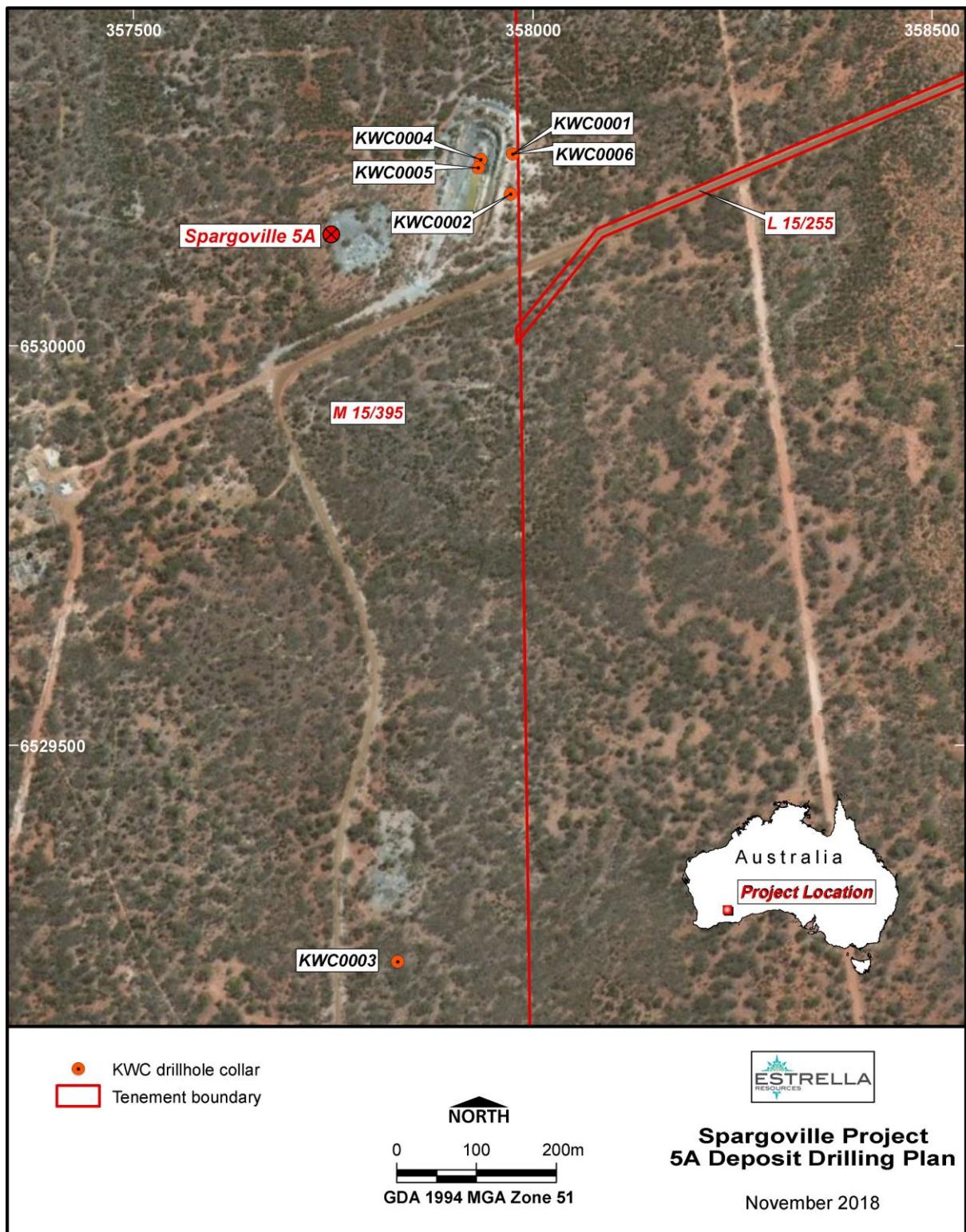


Figure 8. Plan showing the location of the 5A drill target and KWC0003, targeting the M15/96-C1 EM target

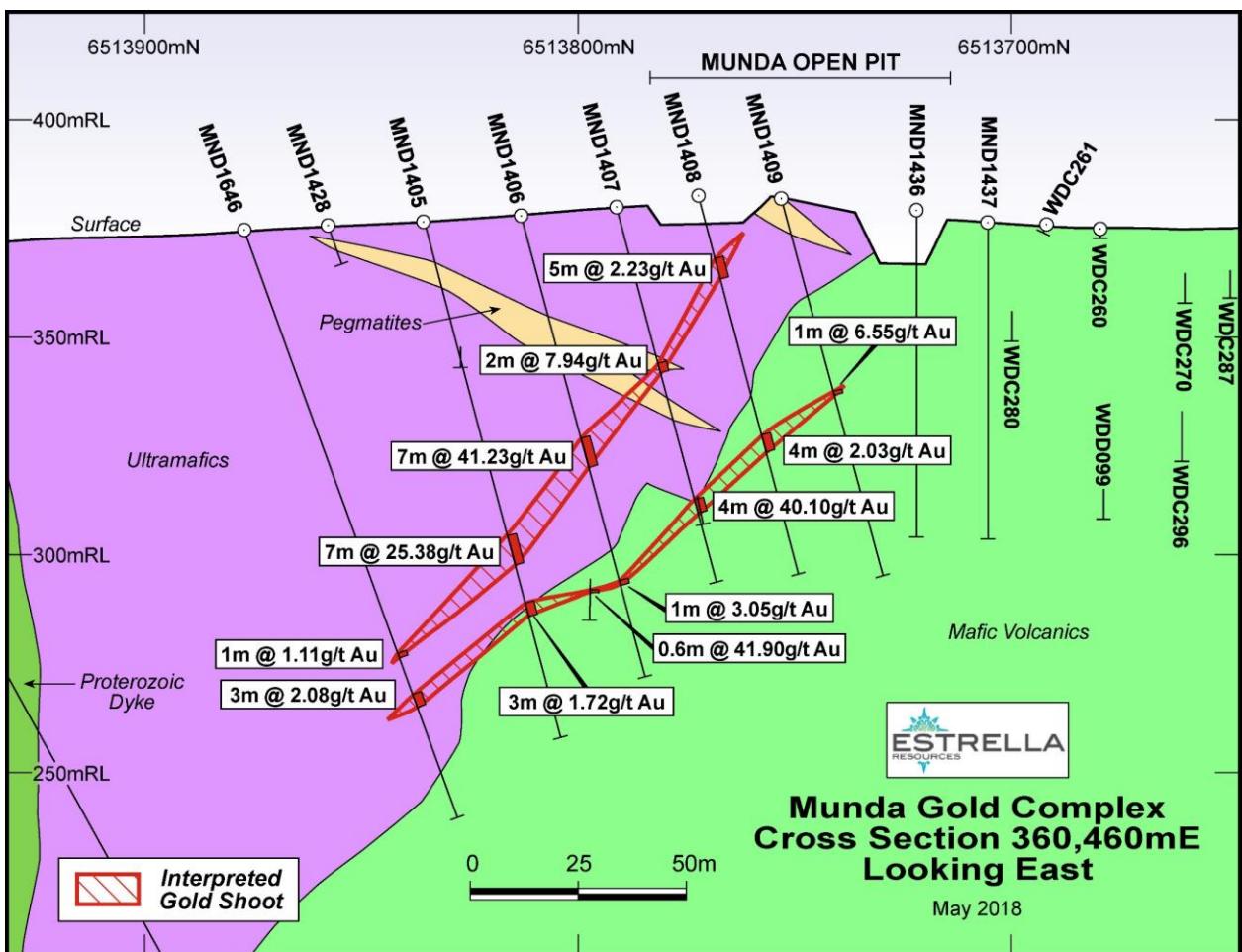


Figure 10. Cross section of Munda showing some of the thicker higher grade gold intercepts and interpreted gold shoots.^x

^xRefer to ESR announcement "ESR to Acquire Munda Gold and Spargoville Nickel Projects" 04 September 2017

The Company plans to test a new "plunging shoot" structural interpretation to the high-grade gold mineralisation. The additional drilling and assay information obtained from this work will be used to update the current JORC2012 Mineral Resource of 511,000t @ 2.82g/t Au for 46,337 ounces Au.^x

Table 2. Munda Gold Mineral Resource Estimate^x

Resources			Metal Grade		Contained Metal	
Category	Cut off (Au g/t)	Tonnage (Kt)	Gold (g/t)		Gold (oz)	
Inferred	1	511	2.82		46,337	
Total	1	511	2.82		46,337	

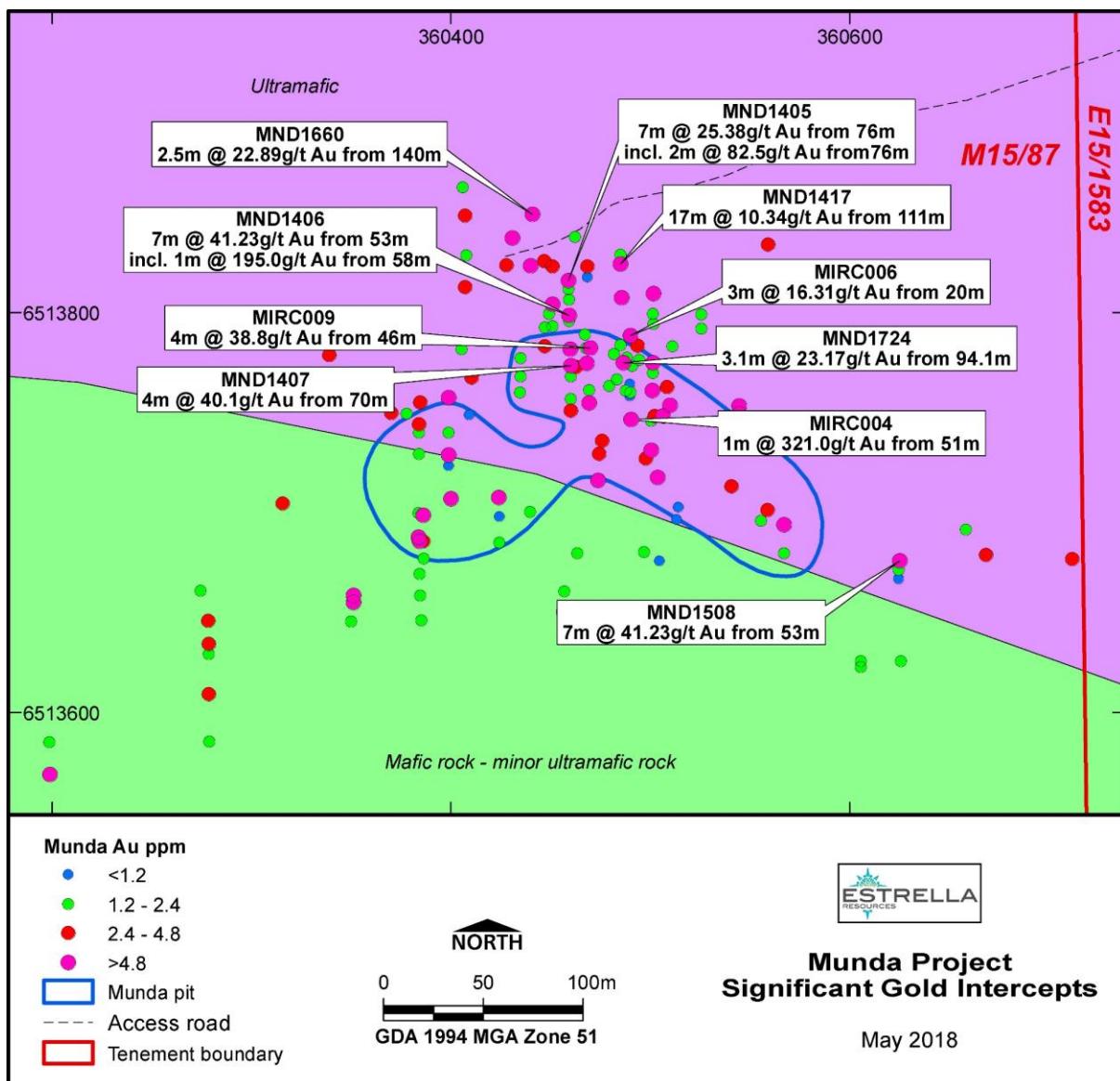


Figure 11. Plan showing previous high-grade gold intercepts^x

^xRefer to ESR announcement "ESR to Acquire Munda Gold and Spargoville Nickel Projects" 04 September 2017

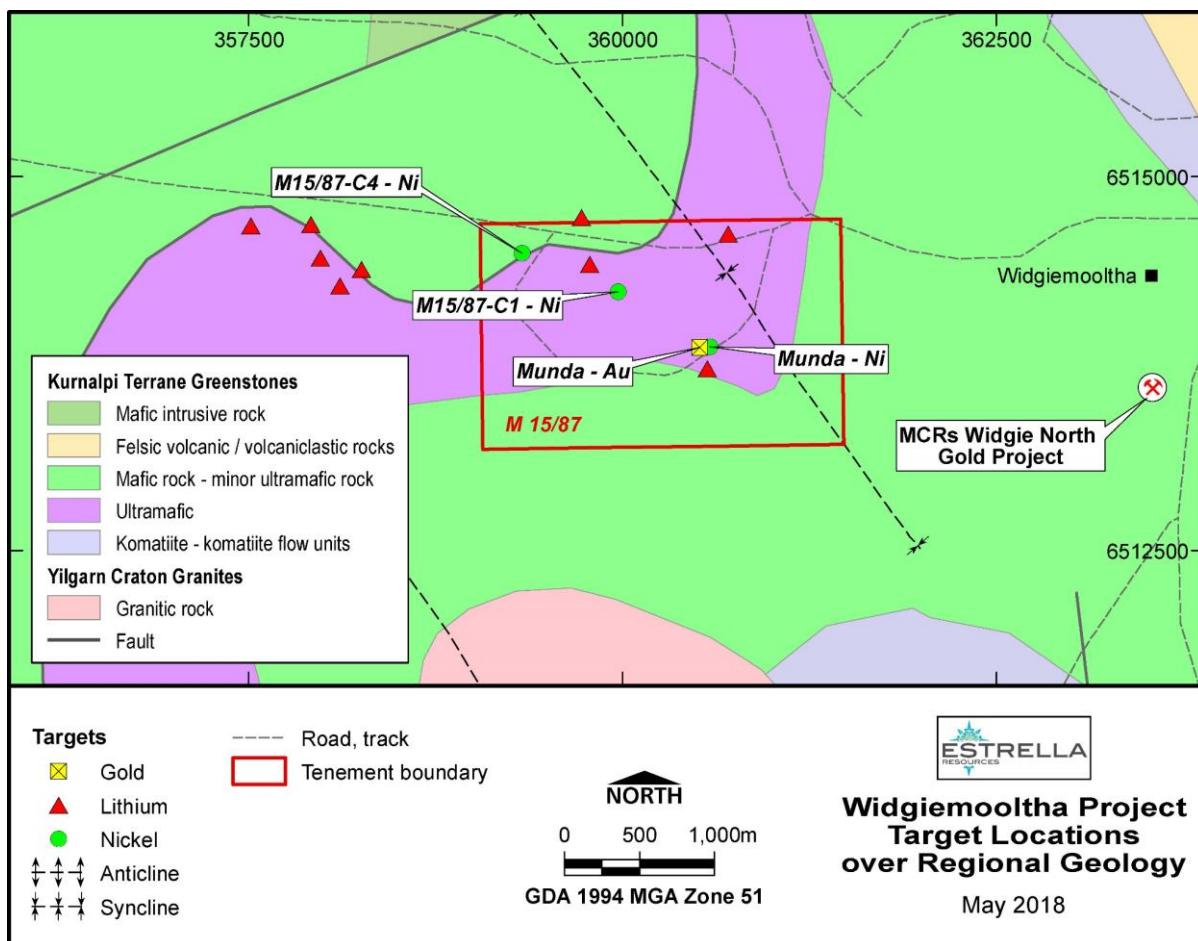


Figure 12. Geological map showing the location of the Munda project, exploration targets on M15/87, and other relevant nearby landmarks.

CORPORATE

CAPITAL

The Company placed the balance of the non-renounceable options entitlement issue on the 16 November 2018 raising \$91,177 in working capital. The Company's cash balance as at 31 December 2018 was A\$282,000.

During the Quarter 118,750 options exercisable at \$0.080 and 750,000 options exercisable at \$1.40 expired, unexercised.

Fully Paid Ordinary Shares	491,883,292
Listed options exercisable	\$0.05 on or before the 27 June 2021 – 183,961,097
Unlisted options exercisable	\$0.024 on or before 31 March 2020 - 8,250,000
	\$0.05 on or before 15 May 2021 – 5,500,000
	\$0.05 on or before 27 June 2021 - 17,000,000
	\$0.40 on or before 13 November 2019 – 1,375,000

Competent Person Statement

The information in this announcement relating to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Luke Marshall, who is a consultant to Estrella Resources and a member of The Australasian Institute of Geoscientists. Mr Marshall has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity 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 Resource and Ore Reserves". Mr Marshall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

FURTHER INFORMATION CONTACT

Christopher J. Daws

Chief Executive Officer

Estrella Resources Limited

info@estrellaresources.com.au

Appendix 1 – Tenement Information as Required by Listing Rule 5.3.3.

Country	Location	Project	Tenement	Change in Holding (%)	Current Interest (%)
Australia	WA	Carr Boyd Nickel Project	E29/1012	-	100
Australia	WA	Carr Boyd Nickel Project	E29/0982	-	100
Australia	WA	Carr Boyd Nickel Project	L24/0186	-	100
Australia	WA	Carr Boyd Nickel Project	E31/0726	-	100
Australia	WA	Carr Boyd Nickel Project	E31/1124	-	100
Australia	WA	Carr Boyd Nickel Project	M31/0012	-	100
Australia	WA	Carr Boyd Nickel Project	M31/0109	-	100
Australia	WA	Carr Boyd Nickel Project	M31/0159	-	100
Australia	WA	Carr Boyd Nickel Project	E31/1162	-	100
Australia	WA	Munda Nickel & Gold Project	M15/87	-	100
Australia	WA	Spargoville Nickel Project	M15/395	-	100*
Australia	WA	Spargoville Nickel Project	M15/703	-	100*
Australia	WA	Spargoville Nickel Project	M15/1828	-	100*
Australia	WA	Spargoville Nickel Project	E15/967	(100)* ¹	-
Australia	WA	Spargoville Nickel Project	E15/968	(100)* ¹	-
Australia	WA	Spargoville Nickel Project	L15/128	-	100*
Australia	WA	Spargoville Nickel Project	L15/255	-	100*

*Nickel rights only - underlying tenements held by third parties.

¹ Expired during the quarter