

**SIRIUS RESOURCES NL**

**ASX:** SIR

**ABN:** 46 009 150 083

Level 1, 10 Ord Street,  
West Perth 6005,  
Western Australia

PO Box 682  
West Perth 6872,  
Western Australia

Telephone +61 8 6311 5554  
Facsimile +61 8 6311 5556  
admin@siriusresources.com.au  
www.siriusresources.com.au

**Contact**

Mark Bennett, Managing Director  
Mobile +61 (0)407 470 648  
Office +61 (0)8 6311 5554

**Projects**
**Collurabbie:**

nickel, copper, PGM's

**Fraser Range:**

nickel, copper, zinc, lead, PGM's

**Polar Bear:**

nickel, PGM's

**Boundary Well:**

nickel

**Lawlers:**

Nickel

**Youanmi:**

nickel, copper, zinc, PGM's, gold


**COLLURABBIE EXPLORATION UPDATE**

- **New Exploration Licence granted over key Collurabbie ground**
- **Additional Mark Creasy tenement incorporated into Joint Venture**
- **High resolution aeromagnetic survey to begin in early December**

Sirius Resources advises that the second of its key tenements close to BHP's Olympia nickel-copper-platinum group metals (PGM) deposit has been granted, and another newly granted tenement held by Mark Creasy has been incorporated into the Collurabbie Joint Venture. Sirius now has access to all three tenements to the north, north east and west of the Olympia deposit and is able to commence exploration on this ground.

Two of these exploration licences cover the potential northern and north eastern strike extensions of the stratigraphic package that hosts the Olympia deposit, where it is concealed beneath a layer of more recent rocks. The third exploration licence is situated immediately to the west of Olympia, in an area containing unexplained magnetic anomalies interpreted to represent parallel striking stratigraphy (Figure 1).

A high resolution aeromagnetic survey is scheduled to commence in early December, with the aim of mapping the location of concealed magnetic ultramafic units, which are the known host to mineralisation at Olympia.

Sirius has a 70% interest in the Collurabbie Joint Venture, with Mark Creasy retaining a 30% free carried interest to the completion of a bankable feasibility study. The Joint Venture comprises these three tenements in the vicinity of the Olympia deposit, and a number of tenement applications which cover the Lake Wells greenstone belt.



**Mark Bennett**  
**Managing Director and CEO**  
**Sirius Resources NL**

### **Important Notice**

This press release is not an offer of securities for sale in the United States. No security of Sirius has been registered under the United States Securities Act of 1933, as amended (the "U.S. Securities Act"), and no such security may be offered or sold in the United States absent registration under the U.S. Securities Act and applicable state securities laws or an exemption from registration under the U.S. Securities Act and such laws.

### **Competent Persons statement**

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr. John Bartlett, Mr. Will Dix and Mr. Andy Thompson, who are seconded to the company via a services agreement with Apex Minerals. Mr. Bartlett, Mr. Dix and Mr. Thompson are Members of the Australasian Institute of Mining and Metallurgy and 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 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Bartlett, Mr. Dix 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 and rotary air blast (RAB) drilling samples are collected as 1 metre samples and composited where stated. Core samples are taken as half core sampled to geological boundaries where appropriate. All samples are prepared using four acid digest, lead collection or nickel sulphide collection fire assay, and assayed using inductively coupled plasma mass spectrometry (ICPMS), inductively coupled optical emission spectrometry (ICPOES) or atomic absorption spectrometry (AAS) at reputable laboratories in Perth, Western Australia. The accuracy and precision of analytical results is monitored by the use of internal laboratory procedures and certified standards and subsequent statistical analysis to ensure that results are representative.

Mineral Resources, where stated, have been estimated using standard accepted industry practices, as described in each instance. Top cuts have been applied to the composites based on statistical analysis and consideration of the nature and style of mineralization in all cases. Where quoted, Mineral Resource tonnes and grade, and contained metal, are rounded to appropriate levels of precision, which may cause minor apparent computational errors. Mineral Resources are classified on the basis of drillhole spacing, geological continuity and predictability, geostatistical analysis of grade variability, sampling analytical spatial and density QAQC criteria, demonstrated amenability of mineralization style to processing methods, and assessment of economic criteria.

SIRIUS  
RESOURCES

Figure 1. Location of Sirius' Collurabbie Joint Venture tenements in relation to BHP's Olympia nickel-copper-PGM deposit.

