

# ASX Announcement



7 October 2014

## COMPANY DETAILS

**ABN:** 29 126 129 413

## **PRINCIPAL AND REGISTERED OFFICE**

Cobre Montana NL  
Suite 3  
23 Belgravia Street  
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## **POSTAL ADDRESS**

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## **ASX CODE**

CXB

## **CORPORATE INFORMATION**

(7 October 2014)  
84M Ordinary Shares  
52M Contributing Partly Paid Shares  
15M Unlisted Options

## **BOARD OF DIRECTORS**

**Eduardo Valenzuela**  
(Non-Executive Chairman)

**Adrian Griffin**  
(Managing Director)

**Bryan Dixon**  
(Non-Executive Director)

## **Coolgardie Rare Metals Venture reveals high-grade lithium/rubidium from Lepidolite Hill (WA) waste dumps (ASX: CXB)**

### **HIGHLIGHTS**

Cobre Montana NL (ASX:CXB) has collected samples of lepidolite (lithium/rubidium mica) from mine waste at Lepidolite Hill, part of the Coolgardie Rare Metals Venture (CRMV) an initiative of CXB and Focus Minerals Limited.

The samples were crushed, homogenized and subjected to flotation to produce a lepidolite concentrate to determine the lithium, rubidium and potassium grades in material that has been rejected by prior mining operations.

The flotation concentrate had the following grade:

- Li<sub>2</sub>O 3.34%
- Rb<sub>2</sub>O 2.34%
- K<sub>2</sub>O 8.21%

While the concentrate grades may be considered to be indicative of concentrates arising from the deposit, no recoveries have been reported, as the samples collected are unlikely to contain representative amounts of gangue minerals. As very little waste reported to the concentrate, and similarly little lepidolite reported to the tail, the recovery may be considered high, on a qualitative basis.

The flotation concentrate will be subjected to processing using proprietary technology developed by Perth based metallurgical consulting firm, Strategic Metallurgy P/L. The aim of this test is to:

- determine the extraction efficiency for the above elements,
- demonstrate the ability to selectively precipitate lithium carbonate
- determine the quality of the lithium carbonate precipitate, and
- demonstrate the ability to produce a commercial potassium based by-product

### **For further information contact:**

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## **ABOUT COBRE MONTANA**

Cobre Montana NL (ASX:CXB) has a strategic alliances with Focus Metals Limited to investigate lithium and rare metals in the Coolgardie region of Western Australia. Cobre also has lithium exploration assets near Ravensthorpe, Western Australia, and a technical alliance with Strategic Metallurgy P/L to optimize lithium extraction technology on the type of mineralization under investigation. Cobre also holds a 55% interest in the Piedrecillas copper/silver project 180km SW of Satiago, Chile.