

## **ASX Release**

**15 November 2013**

### **Chinalco Yunnan Copper Resources Ltd (ASX: CYU)**

#### **SULFATO (CHILE) EXPLORATION PROGRAM UPDATE**

- ***Completion of 2 diamond drillholes – core from the second hole to be assayed***
- ***Assay results expected in early 2014***
- ***Sulphide mineralisation visible throughout the second drillhole from 60m and a wide porphyry intrusive was intersected at 240m.***

Chinalco Yunnan Copper Resources Limited (CYU) has completed its exploration drilling program at the Sulfato project in northern Chile.

The Sulfato project is located in the porphyry copper belt of northern Chile, 150km south-east from the main regional centre of Iquique and near the 5+ billion tonnes Collahuasi copper deposit. Under the farm-in agreement entered into with a subsidiary of Corporación Nacional del Cobre de Chile (Codelco) (the world's largest copper producer), CYU has a minimum exploration expenditure commitment of US\$500,000 in the first year.

The Sulfatos drilling program began in early October and was designed to test a combination of geological and geophysical targets, identified by CYU's exploration activities earlier this year. Previous studies by Codelco had identified a porphyry environment and two drilling programs encountered moderate success, including 92m @ 0.65% Cu in drillhole S2 hosted within primary copper sulphide minerals.

A total of four proposed drillholes were designed for this exploration program, three in the untested western-most area of the prospect, and one in the partially explored eastern area. (Figure 1 below shows the location of the two completed drillhole locations). The first completed drillhole, SFD-003, was collared in sediments and intercepted a small hydrothermal breccia and ensuing porphyry intrusive from 78 metres depth. Despite the encouraging alteration styles early in the drill hole and the presence of a porphyry intrusive, no significant copper mineralisation was intersected. The source of the strong conductor is potentially the significant pyrite veining intersected in the drillhole. The drill core samples from this hole will not be assayed at the present time.

The second drillhole, SFD-004, was located in the eastern area of the project and was drilled to a depth of 510m. It was designed to target an untested intrusive on the south-eastern side of the valley, which coincided with a chargeability and deep-seated conductivity anomaly. Drillhole SFD-004 showed more encouragement than the first drillhole as a wide intrusive was intersected from 241.6m, and quartz-pyrite veins were common with frequent traces of chalcopyrite from 60m depth. The drill core samples taken from this second hole will be fully assayed and CYU expects results from the laboratory within 6-8 weeks.

CYU Managing Director, Paul Williams, said that at this stage, CYU does not propose to carry out any further drilling, pending receipt of the assay results from the second drillhole. "We are content to have tested this potentially prospective Sulfato area including the

geophysics results from the programs earlier in the year, but will wait for the assays before deciding on any further funding on this project”.

On behalf of the Board

Paul Williams  
Managing Director  
[paul.williams@cycal.com.au](mailto:paul.williams@cycal.com.au)  
+61 419 762 487

### **About CYU**

Chinalco Yunnan Copper Resources Ltd (“CYU” or “Company”) is a resource exploration and development company with project interests in the Mt Isa region of north Queensland, Chile and northern Laos.

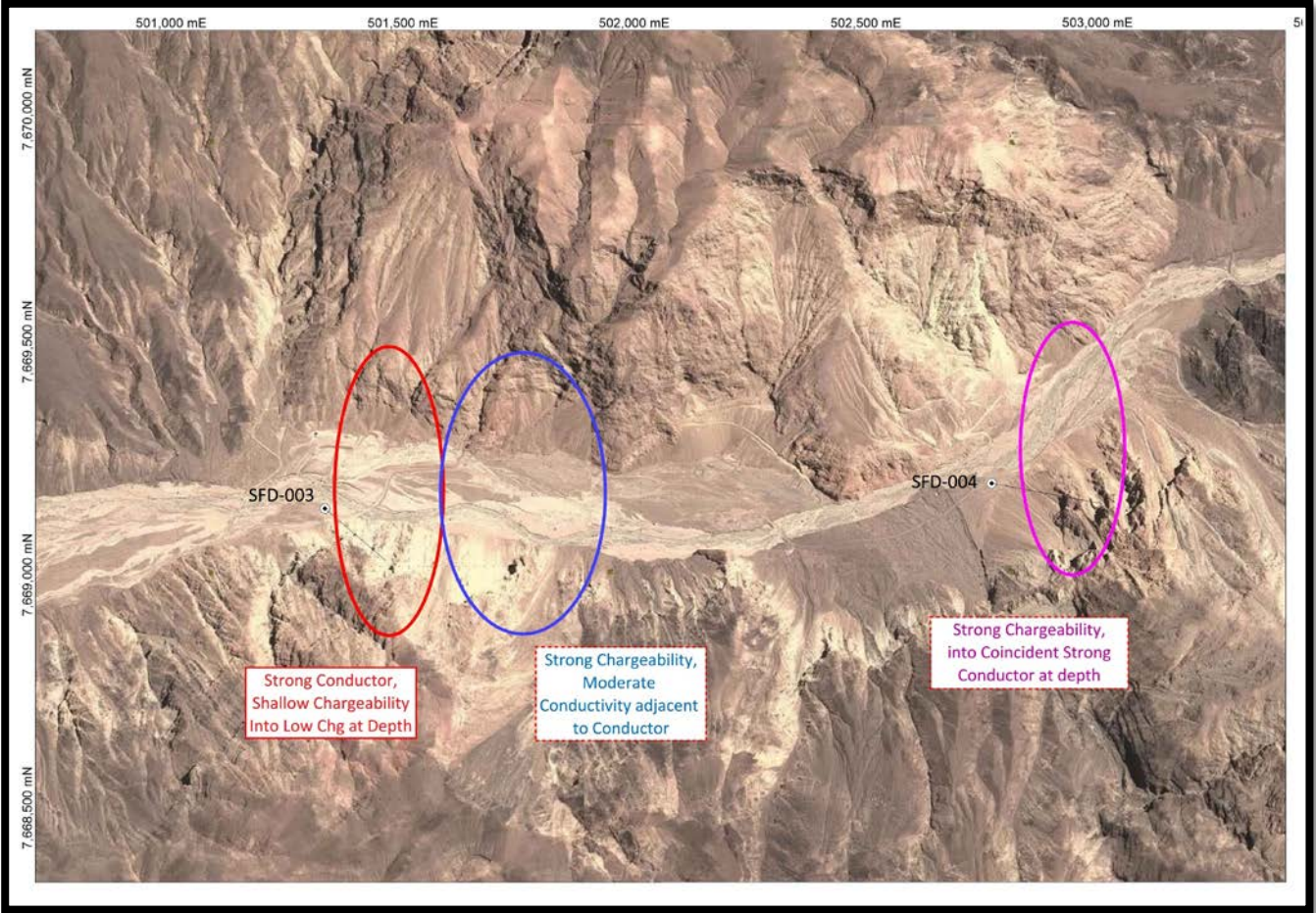
CYU’s largest shareholder is China Yunnan Copper (Australia) Investment and Development Co Ltd (“CYC”), owning 43% of the total issued shares in CYU. CYC is a wholly-owned subsidiary of Kunming-based Yunnan Copper Industry (Group) Co Ltd, which is the third largest producer of smelted copper product in China. In turn, Yunnan Copper Group is a subsidiary of Aluminium Corporation of China (Chinalco) which is the largest producer of aluminium product in China and the second largest world-wide.

CYU has offices in Brisbane, Mt Isa and in Santiago. The Company is listed on the ASX under the symbol “CYU”.

### **Competent Person’s Statement**

*The information regarding exploration activities and information set out in this ASX Release is based on information compiled by Mr Trevor Leahey, who is CYU’s Exploration Manager, a Chartered Professional Geologist and a Member of the Australasian Institute of Mining and Metallurgy. Mr Leahey has sufficient experience relevant to the style of mineralisation and types of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2004 Edition of the “Australasian Code for Reporting of Exploration Results and Mineral Resources”. Mr. Leahey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

**Figure 1**  
(Location of the two Sulfato drillholes)





**Figure 2**

(Photographs of the drilling activities)

