



# KEA 848

## Ore Deposits of South America - 2009

### INTRODUCTION

The CODES Master of Economic Geology Ore Deposits of South America short course (unit code KEA848) is a field-based unit that includes visits to the world class porphyry and epithermal deposits of the southern Andes. The unit includes studies of the regional and local geology of the district, with detailed evaluations of the ore deposit characteristics, mineralisation styles and genetic models. Exploration techniques for porphyry and epithermal deposits are discussed first hand in the field and current results are evaluated in terms of various genetic models.

### 2009 PROPOSED ITINERARY

We intend to run the short course in the period 15-29 March 2009. These dates will be confirmed once the mine site visits have been approved by the operators.

Day	Date	Activity	Deposit type
<b>Saturday</b>	<b>14<sup>th</sup> March</b>	<i>Arrive in Copiapo</i>	
<b>Sunday</b>	<b>15<sup>th</sup> March</b>	<b>AM:</b> student presentations, <b>PM:</b> introduction to field trip	
<b>Monday</b>	<b>16<sup>th</sup> March</b>	<b>AM:</b> Candelaria <b>PM:</b> Cerro Casale drill core	Cu-Au- <i>mt</i> skarn (Feox Cu-Au?) Porphyry Cu-Au
<b>Tuesday</b>	<b>17<sup>th</sup> March</b>	Manto Verde <b>AM:</b> El Penon	FeOx Cu-Au Epithermal Ag-Au veins
<b>Wednesday</b>	<b>18<sup>th</sup> March</b>	<b>PM:</b> Mantos Blancos?	Fe-oxide Cu-Ag
<b>Thursday</b>	<b>19<sup>th</sup> March</b>	Sierra Gorda <b>AM:</b> Chuquicamata	Cu-MO PCD (tourm bx pipe) PCD
<b>Friday</b>	<b>20<sup>th</sup> March</b>	<b>PM:</b> Radomiro Tomic	PCD
<b>Saturday</b>	<b>21<sup>st</sup> March</b>	Domeyko Fault system	Regional geological transect
<b>Sunday</b>	<b>22<sup>nd</sup> March</b>	<i>Travel to Santiago</i>	
<b>Monday</b>	<b>23<sup>rd</sup> March</b>	El Teniente	PCD
<b>Tuesday</b>	<b>24<sup>th</sup> March</b>	Andina	PCD
<b>Wednesday</b>	<b>25<sup>th</sup> March</b>	<i>Travel to Tarma, Peru</i>	
<b>Thursday</b>	<b>26<sup>th</sup> March</b>	San Vicente (Peru)	MVT
<b>Friday</b>	<b>27<sup>th</sup> March</b>	<b>AM:</b> Colquijirca <b>PM:</b> Cerro de Pasco <b>AM:</b> Toromocho (Peru)	Carbonate-hosted replacement style & volcanic-hosted HS epithermal copper-gold mineralisation PCD
<b>Saturday</b>	<b>28<sup>th</sup> March</b>	<b>PM:</b> Return to Lima	
<b>Sunday</b>	<b>29<sup>th</sup> March</b>	<b>Depart Lima</b>	End of trip



# Ore Deposits of South America, March 15<sup>th</sup> to 29<sup>th</sup> 2009

## Registration and Deposit Payment

*This form is to be used for registration of interest and for the payment of a deposit only.*

### Cost of Course

- ♣ Enrolled MGM Masters students:     **\$7500** (does not include university tuition fees)
- ♣ Industry participant:                     **\$10,000**

This fee covers all land transport within South America during the course; accommodation (on a twin-share basis for students) and some meals (breakfast and lunch).

A deposit of **AUD\$2,000** is required to secure a place on the waiting list.

### Registrant Details

Please register me as:

Enrolled MGM Masters student:   University \_\_\_\_\_ Student No \_\_\_\_\_

Industry participant

Title \_\_\_\_\_ First Name \_\_\_\_\_

Surname \_\_\_\_\_

Address \_\_\_\_\_

Postcode \_\_\_\_\_

Position \_\_\_\_\_ Company \_\_\_\_\_

Phone W \_\_\_\_\_ H \_\_\_\_\_ Fax \_\_\_\_\_

Email Address \_\_\_\_\_

Passport Number \_\_\_\_\_

Country and Place of Issue \_\_\_\_\_ Expiry Date \_\_\_\_\_

Do you hold an International Drivers Licence \_\_\_\_\_?

Do you have Spanish speaking skills?       Y                               N

**Places on the course are restricted to a maximum of 24. Priority is given to MGM Masters students from the three participating universities and registrations by non-MGM Masters students only guarantees a place on a waiting list (first-come first-served).**

## Deposit Payment Details

A deposit of AUD\$2,000 is required to secure a place on the waiting list.

Bank cheques should be made payable to the University of Tasmania

Credit card payment.

MasterCard

Visa

Diners Club

Card number \_\_\_\_\_

Card Holder Name \_\_\_\_\_

Expiry Date \_\_\_\_\_

Signature \_\_\_\_\_

You will be invoiced for the full balance in the first week of February 2009

**The deposit will be non-refundable for withdrawals after 31 January 2009.**

For those who are unsuccessful at obtaining a place, the deposit will be fully refunded in February 2009.

For any queries about the itinerary please contact Professor David Cooke,  
[David.Cooke@utas.edu.au](mailto:David.Cooke@utas.edu.au), +61 3 6226 7605.

For queries about payments contact Izzy von Lichtan, [ij\\_von@utas.edu.au](mailto:ij_von@utas.edu.au) , +61 3 6226 2453

**PLEASE FAX BOTH PAGES OF THIS REGISTRATION FORM TO  
IZZY VON LICHTAN ON  
+61 3 6226 7662**