



# EMERGING WORLD-CLASS COPPER GOLD DISCOVERY

Nick Mather Executive Director Beaver Creek Precious Metals Summit Sept 2014



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Metal prices used in this presentation: US\$3.00/lb for copper & US\$1240/oz for gold.



## **Key Topics**

- Why Cascabel? It's a Monster and it's Rich
- State Of The Art Exploration
- Accomplished Responsible Operator
- Ecuador is Mining Friendly
- The Best is Yet to Come: Why SolGold is a Must have
- Strong News Flow

## **Attractive Vital Statistics**

- 652.2 m shares on issue
- Price @ 6.125p = market cap of £39.95m
- Turns over like a sleepless investor 3.05m shares per day
- Board holds 13.5%
- Upside to a 1 Bt discovery gives leverage to success
- Accomplished explorers
- Ecuador to overhaul mining laws & tax structure



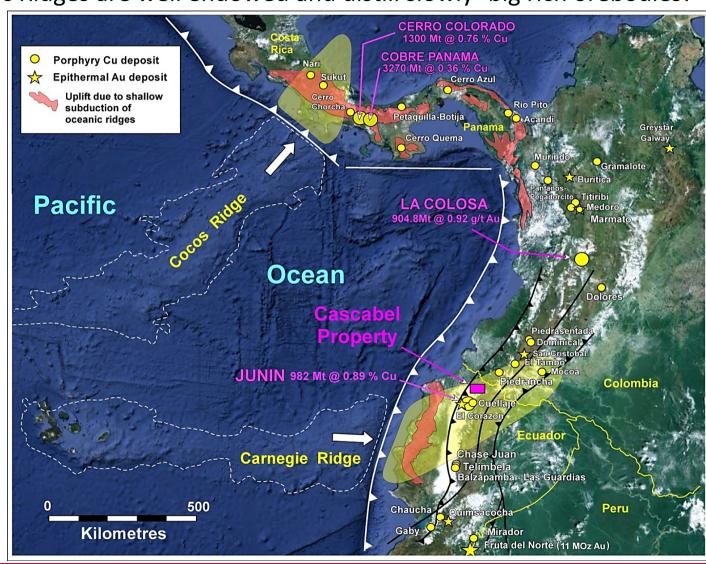
### WHY DID WE PICK CASCABEL?

Cascabel In Highly Endowed South American Andes Cu-Au Porphyry Belt

Thick Oceanic Ridges are well endowed and distill slowly-big rich orebodies!

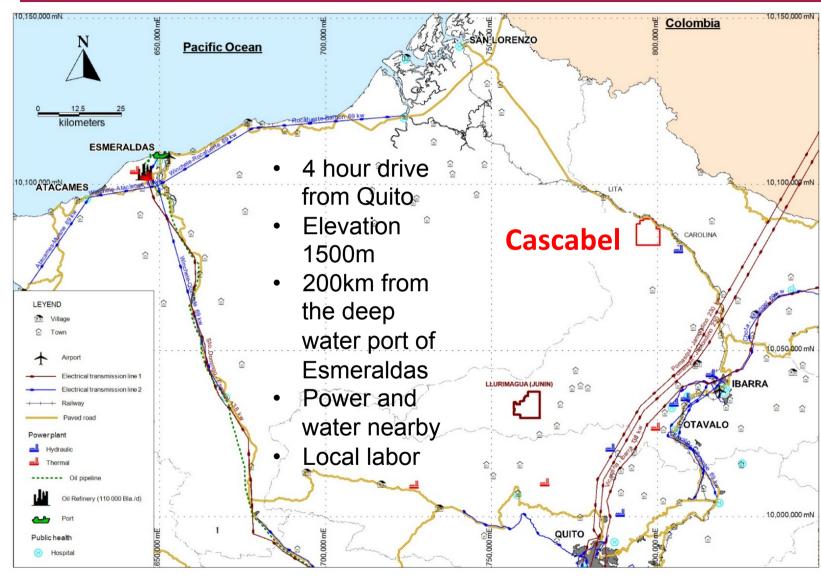
Cascabel is located in the same continental belt as some of the world's largest copper and gold porphyry deposits:

- Cobre Panama Panama
- •La Colosa Colombia
- •El Teniente Chile
- •Rio Blanco Chile





## PORT, POWER, PEOPLE & TRANSPORT

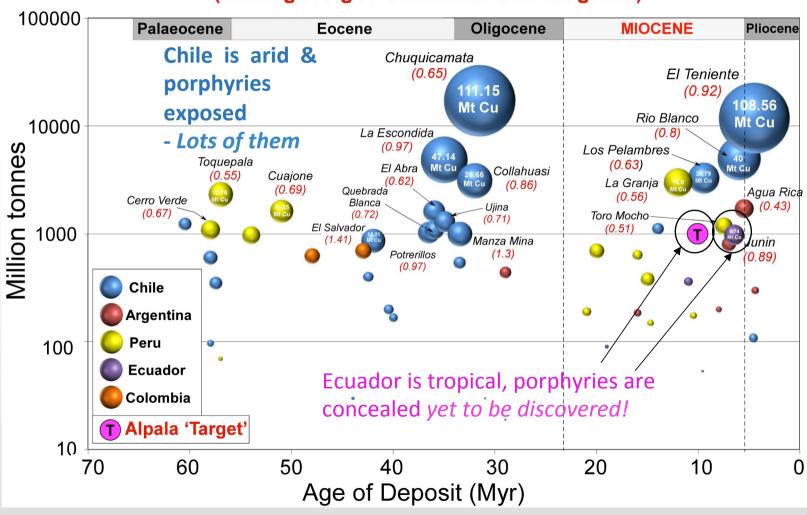




## Cascabel - In the Company of Giants

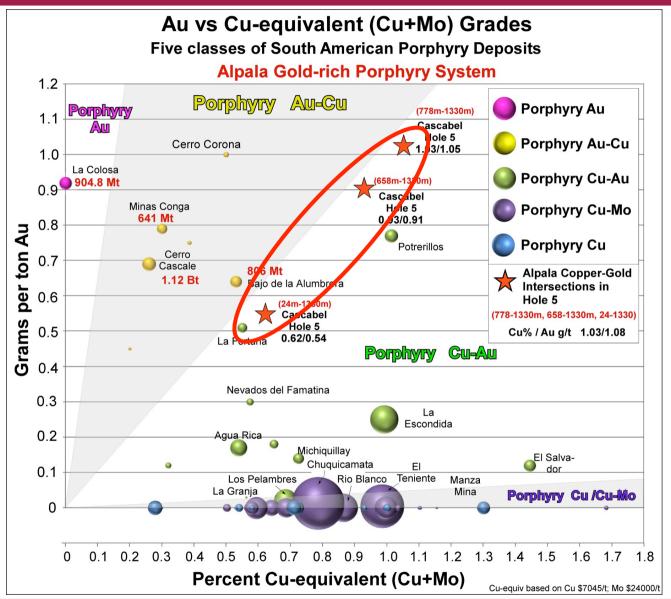
### **Age Dated South American Porphyry Deposits**

(Tonnage / Age / Contained Cu / Cu grade)





## MAJOR SOUTH AMERICAN PORPHYRY DEPOSITS – CASCABEL IN AU-RICH PORPHYRY FIELD

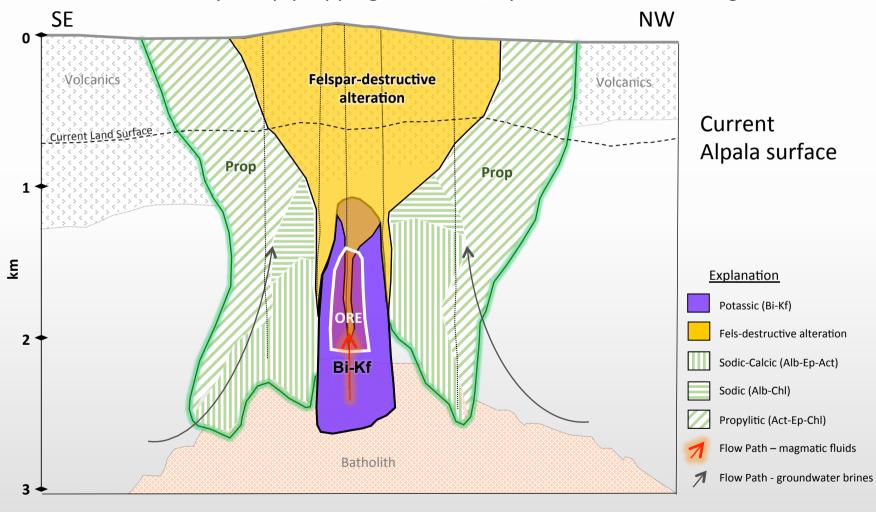




## State of the Art Exploration:

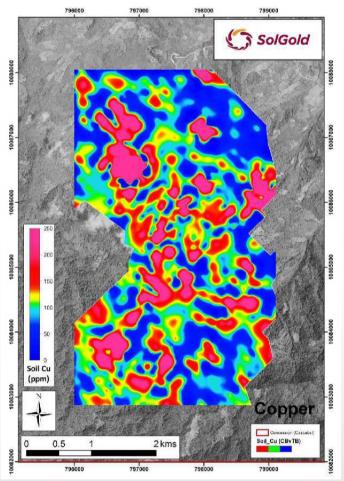
### Exploration Model – Targeting Classic Porphyry Copper Deposits

Geometry and zoned hydrothermal alteration typical of porphyry copper systems. Fluid flow and alteration controlled by steeply dipping structures, dykes and intrusive margins.

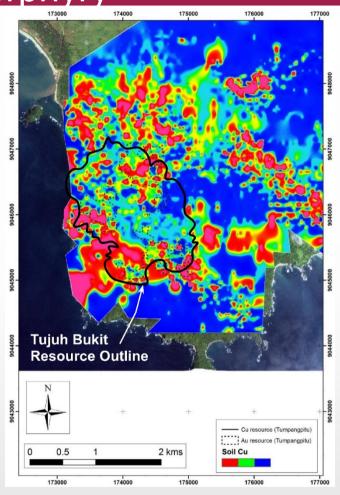




# Cu Geochem – Comparison to 2 Billion Tonne Porphyry



Cascabel Cu (Soils)

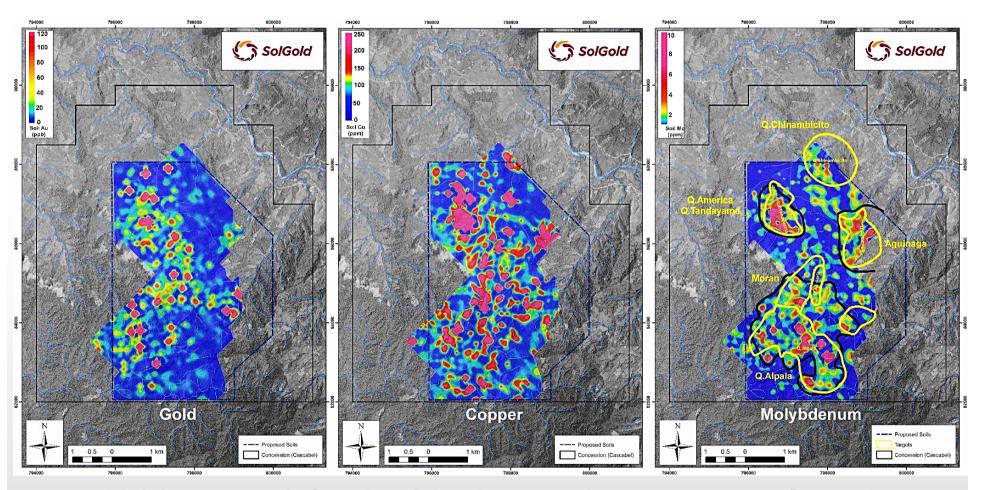


Tujuh Bukit Cu (Soils) same scale

Copper Geochemistry as extensive as Tujuh Bukit a World Class Copper-Gold Porphyry



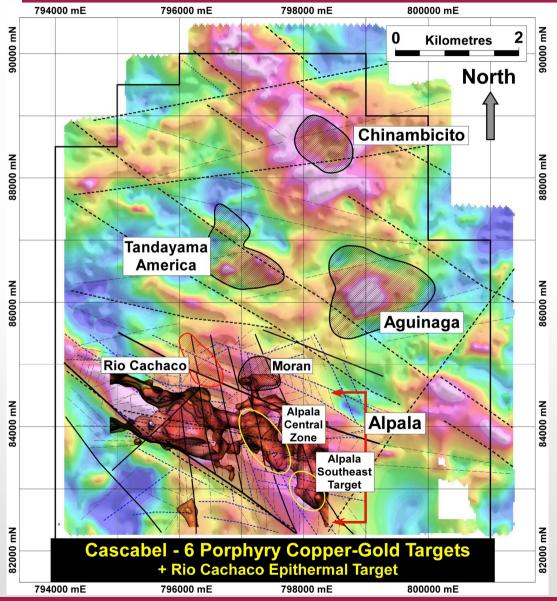
# MOLYBDENUM an accurate locator for Porphyry Systems



Widespread Cu-Au-Mo Anomalies Illustrate Classic Porphyry Systems



## MAGNETICS Shows 6 Porphyry Targets



### **Alpala Cu-Au Porphyry**

### **Porphyry Target**

Multi-dataset support.
Coincident Cu-Au-Mo-As + (Sb, Bi)
Alteration Zonation (Spectral data)
Magnetic highs overprinted by magnetite
destructive alteration.
Outcropping strongly mineralised porphyry
quartz stockworks
Regional Toachi Fault Zone.
Dacite porphyry intrusives

### **Aguinaga**

#### **Porphyry Target**

Coincident Au-Cu-Mo in soils Prominent magnetic high

### **Tandayama-America**

### **Porphyry Target**

Coincident Au-Cu-Mo in soils Complex magnetic signature Outcropping porphyry quartz stockworks

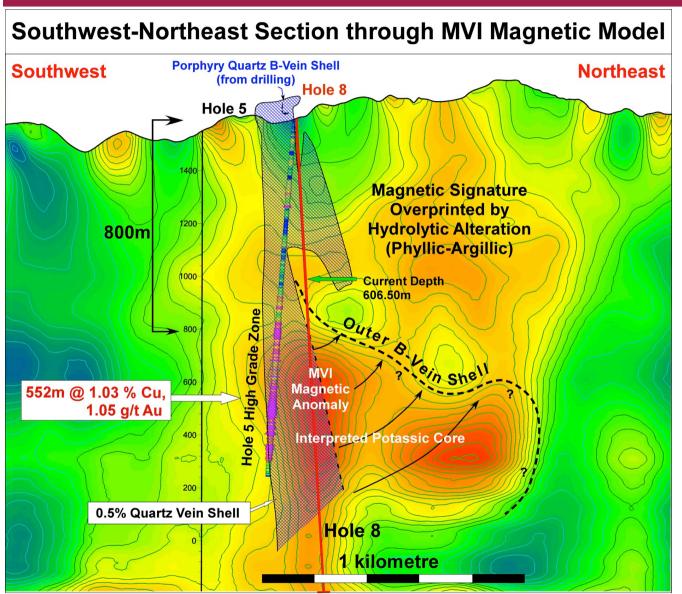
### Chinambicito

### **Porphyry Target**

Magnetic highs overprinted by magnetite destructive alteration.

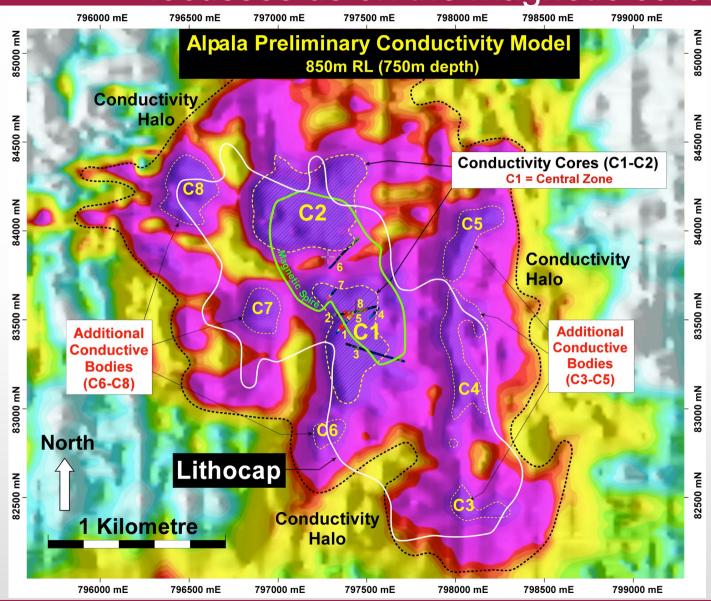


## HOLE 8 drilling into the POTASSIC CORE





# ALPALA – 6km² conductive zoned system focusses us on the magnetic core.



# 5

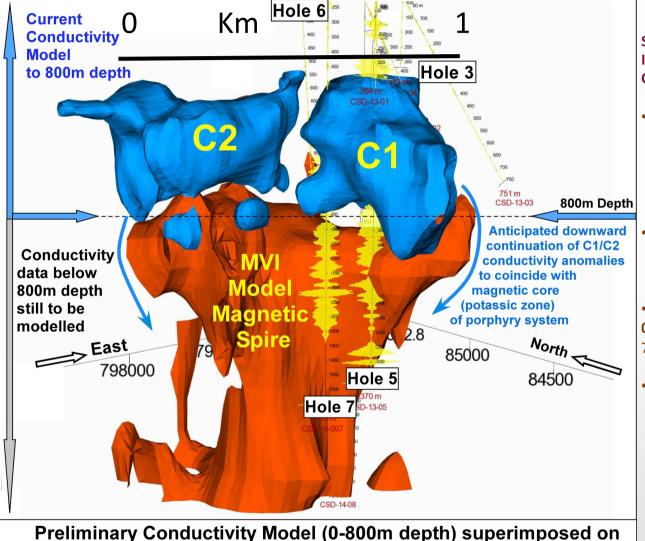
552 m @ 1.03% Cu and 1.05 g/t gold in a huge magnetic and conductive body

Significant
Intersections from
CSD-13-005 Include:

• 1306m @ 0.62 % Cu, 0.54 g/t Au (from 24m to 1330m)

#### Including:

- 672m @ 0.93 % Cu, 0.91 g/t Au (from 658m to 1330m)
- 552m @ 1.03 % Cu, 1.05 g/t Au (from 778m to 1330m)
- 50 m @ 1.80 % Cu, 2.26 g/t Au (from 1096m to 1146m)



Significant
Intersections from
CSD-13-007 Include:

• 958m @ 0.40 % Cu, 0.17 g/t Au (from 654m to 1612m)

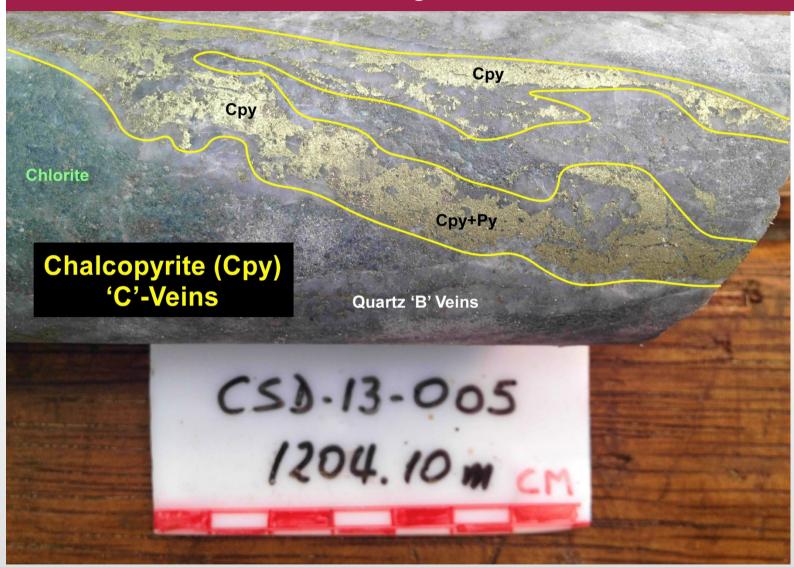
#### Including:

- 238m @ 0.65 % Cu, 0.35 g/t Au (from 1056m to 1294m)
- 134m @ 0.75 %Cu, 0.50 g/t Au (from 778m to 1330m)
- 94m @ 0.84 % Cu, 0.62 g/t Au (from 1096m to 1146m)

MVI Magnetic Model Central Alpala



## Copper Rich Sulphides – HOLE 5 1.7% Cu & 1.9g/t Au, US\$188/t





# Copper Rich Sulphides – HOLE 5 2.97% Cu & 4.09 g/t Au, US\$360/t!

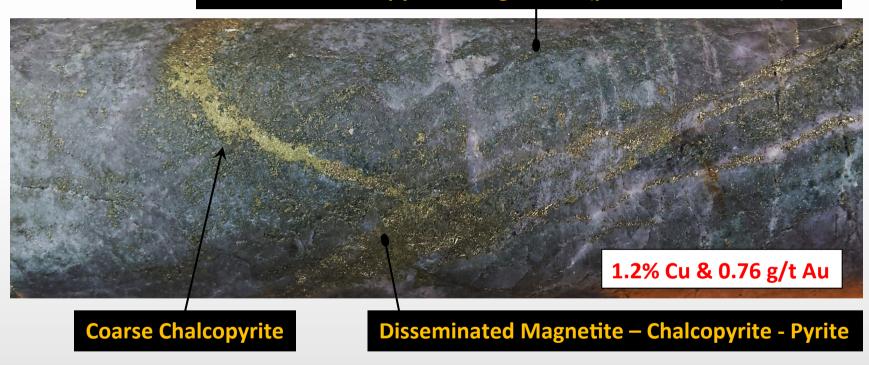




## Copper Rich Sulphides – HOLE 7 1.20% Cu & 0.76 g/t Au, US\$110/t!

CSD-14-007 Drill Core - 1232.2m

**Silica - Chalcopyrite - Magnetite - (potassic alteration)** 



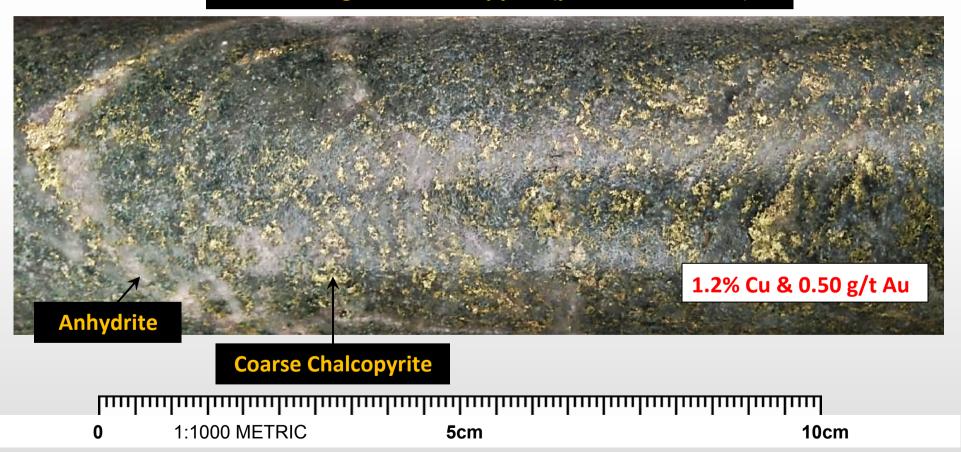
**0** 1:1000 METRIC **5cm 10cm** 



# Copper Rich Sulphides – HOLE 7 1.20% Cu & 0.50 g/t Au, US\$99/t!

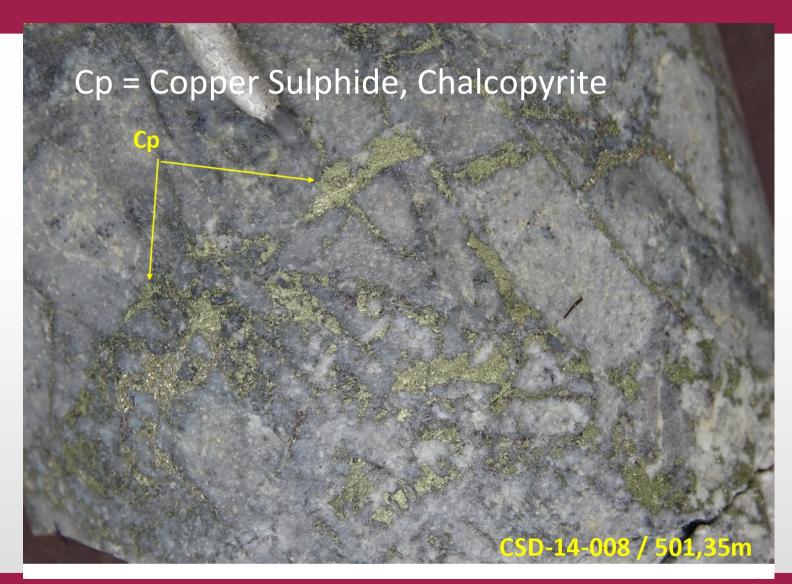
CSD-14-007 Drill Core - 1292.3m

Silica-Magnetite-Chalcopyrite (potassic alteration)





## Copper Sulphides – HOLE 8 Above Target Potassic Zone





# Accomplished, Responsible Operator: SolGold owns 85%, Operates Cascabel

- Cascabel concession is held by Exploraciones Novomining S.A. ("ENSA"), an Ecuadorian registered company.
- SolGold owns 85% of ENSA, Cornerstone (TSX: CGP) retains 15%.
- SolGold is the operator & funds exploration.
- Experienced team in Quito office & on site.
- Excellent safety and social record
- Expended \$8m
- Fast efficient and diagnostic program 2 years map, sample soils, 8 holes / 7021 metres, 14km² deep IP completed, metallurgical testwork underway, new targets at Aguinaga, Rio Cachaco and Tandayama / America



## **Experienced Team**

**Alan Martin CEO & Managing Director** 



Dr. Bruce Rohrlach **GM** - Exploration



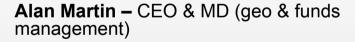
Lazaro Roque-Albelo Manager **Latin American Affairs** 



**Jason Ward** President, ENSA



**Diverse Board** 



Nick Mather - Executive Director (Exploration, Commercial)

Brian Moller - Chairman (Legal, Commercial)

**John Boyard –** Non-executive Director (Mining development, finance)

Robert Weinberg - Non-executive Director (Finance, geology)



## SolGold is Safe

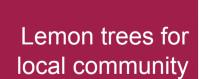
- Strong focus on health & safety for employees.
- Best practice environmental management.





## SolGold is Responsible & Ethical

Nursery for local community





## Mining Friendly Ecuador

- Ecuador a mining friendly country.
- Pres. Correa is promoting Ecuador for exploration & mining.
- Population: 14 m
- Language: Spanish
- Currency: USD
- Taxes: Corporate 22%, Labour Obligations 15%, VAT 12%
- Windfall Tax: only on higher commodity prices & after recovery of capital.
- June 2014, government flags new tax structure for Exploration and Mining sector.



### THE REWARD OF DISCOVERY

### TUJUH BUKIT DELIVERED A\$1BN MARKET CAP FOR A\$90M EXPENDITURE



### **Intrepid Mines Share Price**

Almost 10 fold value increase through discovery of the giant Tujuh Bukit deposit

	Date	Share price	Announcement details
1	27-May-08	\$0.36	<b>Hole 29</b> intersected 268m at 0.47 g/t Au and 0.32% Cu from 390m, including 100m at 1.02 g/t Au and 0.55% Cu from 530m
2	18-July-08	\$0.28	<b>Hole 35</b> 627.2m at 0.45g/t Au and 0.44% Cu from 222m, including 108m at 0.9g/t Au and 0.9% Cu from 530m.
3	28-July-08	\$0.28	(Inaugural oxide resource)
4	19-February-09	\$0.28	226m at 0.72g/t Au and 0.44% Cu
5	30-September-10	\$1.27	Inaugural Porphyry Resource - 500 million tonnes at 0.5g/t Au and 0.4% Cu
6	09-May-11	\$1.92	Updated Porphyry Resource - 990 million tonnes at 0.45g/t Au and 0.4% Cu



## Forward Program - NEWS FLOW

- Hole 8 enters high grade potassic core 1 to 2 weeks.
   Visual copper sulphides from 378m, currently at 606 metres.
- 2. Chargeability data outlines copper rich potassic core 2 to 4 weeks Preliminary interpretation of conductivity data very encouraging.
- Metallurgical test work delivers secondary cleaner results 6 to 8 weeks
   Preliminary Rougher flotation tests show 91-98% recovery, Hole 5 samples.
- 2<sup>nd</sup> Drill Rig placed on new targets 4 to 6 weeks
   2<sup>nd</sup> rig ready for mobilisation from Cuenca, awaiting final interpretation of IP results.
- 5. Hole 8 Assays Early November 8 weeks
- Aguinaga and Rio Cachaco Porphyry Targets outlined 8 weeks
   Collection of raw geophysical data completed early Sept. Processing commenced.



## Why invest?: "The Best is yet to Come"

- 1. Cascabel: World Class Discovery, potential +1Bn T system
- 2. No major risks
  - ✓ Grade: >=1.5% Cu Equivalent (>=US\$100/t)
  - ✓ Size: >=500,000 sq m footprint, 1Bnt potential
  - ✓ Metallurgy: Preliminary recovery tests indicate 91-98% Cu & Au
  - ✓ Logistics: Nearby power, roads, water, ports, labour
  - ✓ Mining Friendly: Mining and fiscal framework to be overhauled
  - ✓ Copper prices: strong outlook driven by global urbanization
- 3. Additional Targets:

Aguinaga, Tandayama-America, Rio Cachaco

4. Newsflow:

Holes 8, 9,10 and second drill rig started before year end Metallurgy testwork ongoing

Final IP interpretation for Alpala and Aguinaga by end October Further refinement of fiscal and mining laws in Ecuador

5. Driven, invested and experienced team of Explorers

## Thank You



**SolGold and Cornerstone team** 

Photo (left) – Chalcopyrite in drill core from Hole 5 – 1.7% Cu & 1.9 g/t Au at 1204.1m



### **Qualified Person**

Information in this report relating to the exploration results is based on data reviewed by Dr Bruce Rohrlach (BSc (Hons), PhD,), the GM Exploration of the Company. Dr Rohrlach is a Member of the Australasian Institute of Mining and Metallurgy who has in excess of 26 years' experience in mineral exploration and is a Qualified Person under the AIM Rules. Dr Rohrlach consents to the inclusion of the information in the form and context in which it appears.

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