





PERU COPPER INC.



# Today's Agenda

- \* Introduction
- \* Market Overview
- \*\* Toromocho Project
- Value Perspectives
- **\* Summary**



### Founders & Directors

#### J. David Lowell - Founder & Chairman

- Co-founded Arequipa Resources Ltd., acquired by Barrick for C\$1 billion +
- Managed Escondida, Zaldivar and San Cristobal copper exploration projects
- Involved in the discovery of at least 10 other deposits over a 40 year career

#### Catherine McLeod-Seltzer - Founder & Director

- Co-founded Arequipa Resources Ltd.
- Over 15 years experience in mining finance, exploration and development including \$2 billion in corporate mining transactions and capital raising in excess of \$150 million

#### **Independent Directors**

Alan R. Hill – Former Executive Vice-President of Development of Barrick Gold Corp.

Carl L. Renzoni – Former Global Head of Mining Investment Banking at BMO Nesbitt Burns

George R. Ireland – General Partner in Ring Partners, LLC, a private investment partnership

Milton H. Ward – Former Chairman, President & CEO of Cyprus AMAX Minerals Inc.



### Founders

#### Luis Baertl - Founder

- ★ Vice-President BHP Billiton, a leader in the structuring and implementation of the Codelco/BHP Billiton JV "BioCOP"
- Internationally recognized in mining groups such as Milpo, The Luksic Group, SPCC, Buenaventura, Hochschild and COMSUR
- Wide-ranging career with Banco Continental Del Peru, Citicorp Citibank and the Chase Manhattan Bank

### Geoff Loudon - Founder

- Founder and major shareholder of Niugini Mining, explorer and developer of gold and copper mines in Australia, Papua New Guinea and Chile
- Founding director of Lihir Gold Limited in Papua New Guinea
- Early geologist career with Placer Dome in porphyry copper and molybdenum mines in Canada and the Philippines



### Management Team in Peru

#### Charles Preble - President and CEO

- \* Past President Southern Peru Copper Corp., Peru's largest copper company
- 34 years experience in Peru
- Worked closely with Peruvian governments
- Part of the management team that developed the Cuajone copper mine in Peru

### Thomas J. Findley - Chief Financial Officer

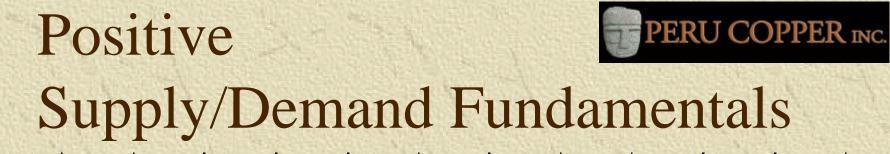
- Past CFO of Southern Peru Copper
- Past Treasurer & Director of Project Development at ASARCO
- Over 28 years mining industry experience

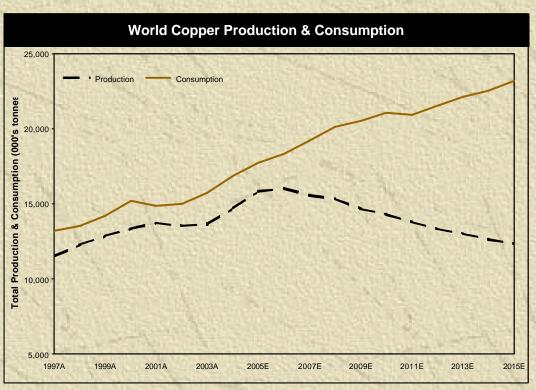
### Angel Alvarez - Exploration Manager

- \* Past General Manager of Centromin & past Manager of Minera Peru
- \* Author of published reports on Toromocho
- Over 30 years exploration & management experience in Peru



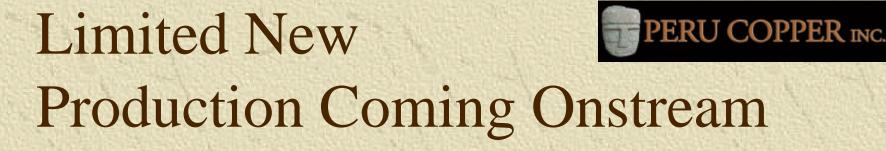
# Market Overview

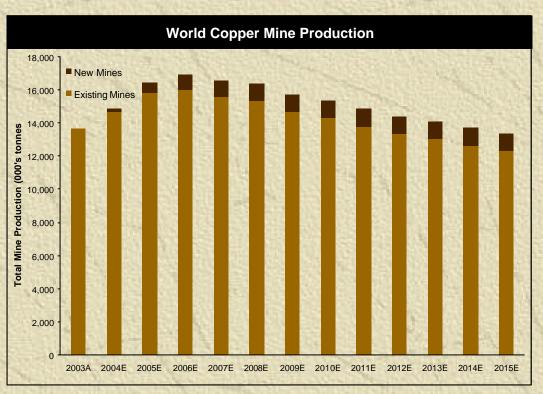




- World consumption to increase 4.1% per year until 2010
- Production expected to decline 0.5% per annum over same period

Source: Brook Hunt, June 2004.



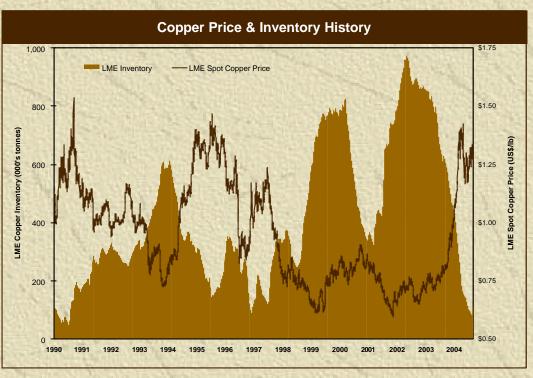


- Reduced exploration during periods of low prices
- \* No new large mines
- Diminished grades at existing mines

Source: Brook Hunt, June 2004.



# Copper Prices & Inventories



Inventory levels
remain low providing
continued copper
price strength

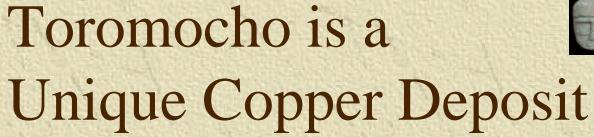
Source: Bloomberg.



# The Toromocho Deposit

- \* Part of the historic Morococha mining district in Peru
- Originally identified by Cerro de Pasco Corp., 20,000 m drilled
- Further exploration done by Centromin, 22,000 m drilled
- \*\* Peru Copper awarded privatization concession in 2003
- Intense drilling and metallurgical program underway, 44,000 m drilled by year-end 2004





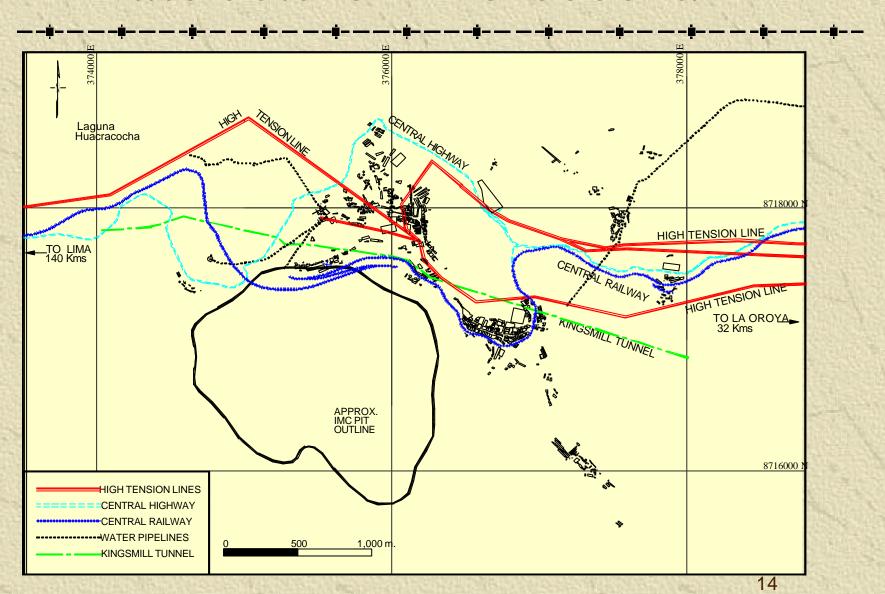


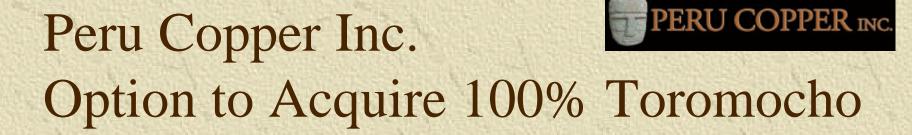


- \* 142km from Lima on paved road
- \* Water available
- \* Power accessible
- Morococha-skilled labour available
- Railroad in place
- La Oroya Smelter 32km away



### Infrastructure - Morococha





- \* 5,108 ha. Surface Rights sufficient for plant, tailings disposal and other requirements
- \* 1,320 ha. Mineral Rights sufficient for a large open pit copper mine
- **US\$12** million investment required over 5 years, US\$4 million invested to date
- \*\* Bank Guarantees required over 5 years relating to expenditure requirements



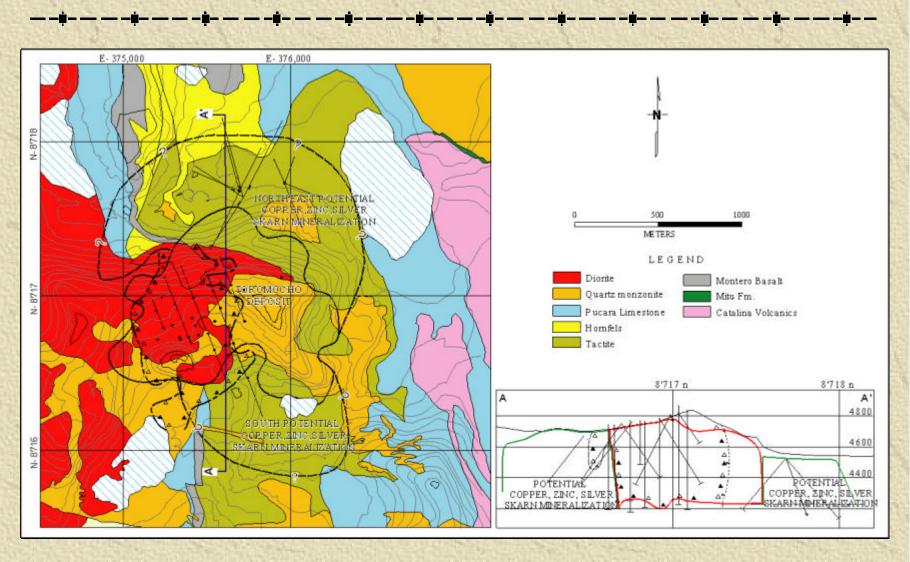
### Toromocho Includes Two Mineralized Areas

- 1. Independent Mining Consultants (IMC) Pit
  - 655 million tonnes @ 0.80% copper equivalent<sup>(\*)</sup>
  - IMC Pit has significant upside potential open laterally and at depth
- 2. The Northeast Extension
  - Possible large copper-zinc-silver skarn deposit

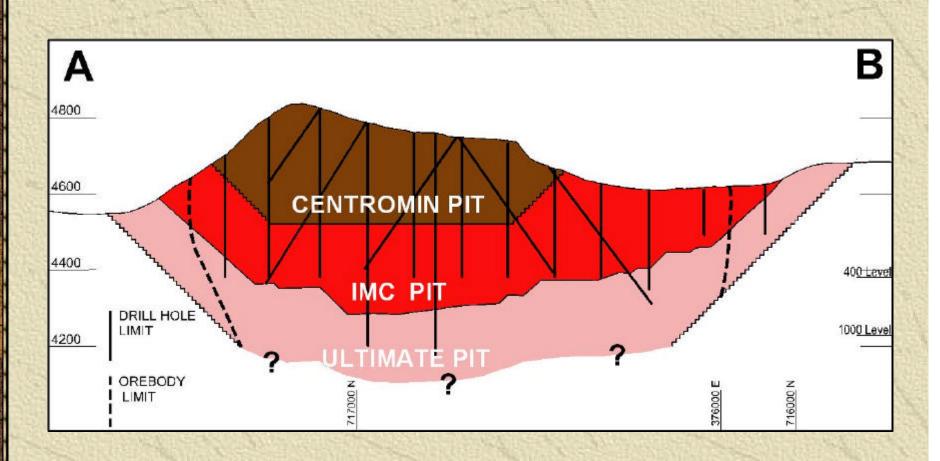
<sup>\*</sup> Includes 0.61% copper and potential 0.20% copper credit from silver, molybdenum and gold



## Toromocho Geology



# Toromocho Initial Resource – IMC Pit Area



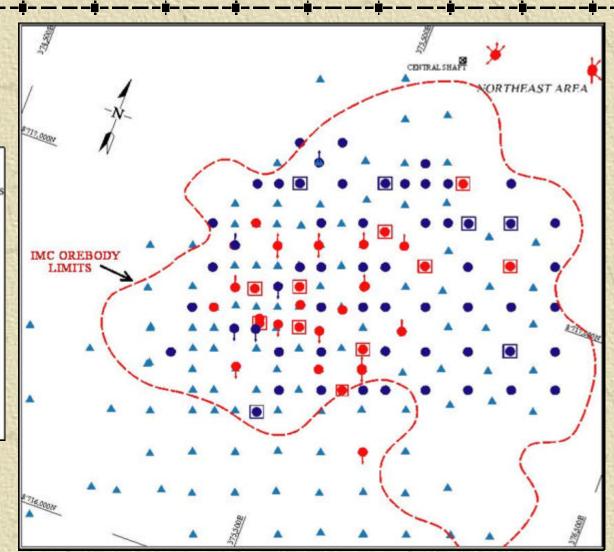


# Diamond Drilling IMC Pit

- Holes Drilled 1966-1976
- MPCS Holes Drilled or in Progress 2003 - 2004
- 2004 PQ Met Test Holes completed or in progress
- 2004 Inclined Holes Completed
- MPCS Holes Programed
- PQ Holes programed
- Inclined Holes Programed

450 m. 300

Graphyc Scale





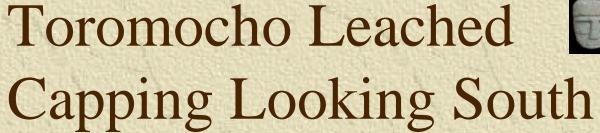




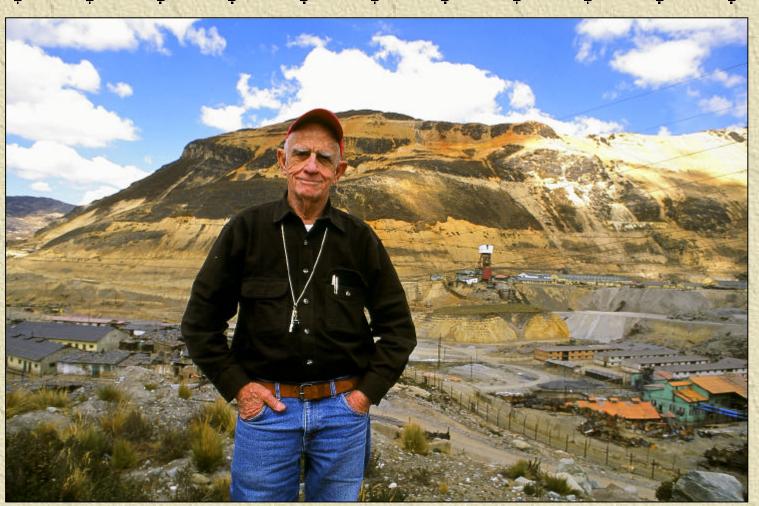
# Ticlio Pass



\* Ticlio Pass approximately 16,000 feet







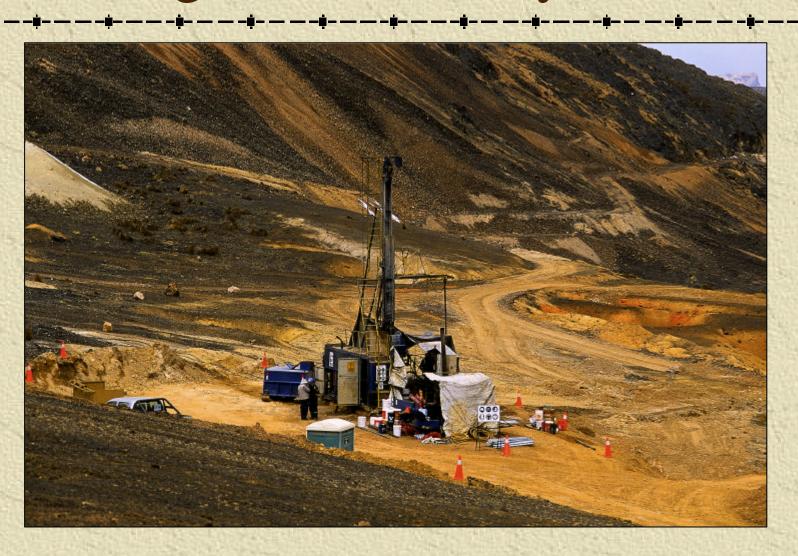


# Toromocho View Looking North





# Drilling IMC Orebody





# Logging & Splitting Ore





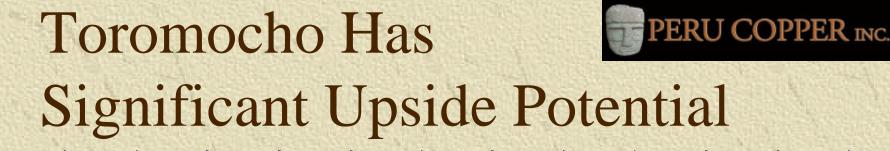
# Toromocho Project Metallurgy

- Metallurgical studies underway by Joe Keane & Metcon Labs in Tucson
- Initial plan is to use concentrate leaching to recover 50% of Cu as cathodes & 50% as traditional concentrates
- \* Similar hydrometallurgy is used at Mt. Gordon Australia, Sepon Laos, Erdenet Mongolia other locations



# Scoping Study Complete

- Preliminary assessment of IMC Pit completed by Minerals Advisory Group in August, 2004
- NPV of approximately US\$330 million assuming milling & leach processing approach
  - After tax
  - \$0.90 Copper
  - 10% discount rate
- Cash cost of approximately US\$0.34 per pound



### **\* IMC Pit**

- Final pit limit has not been determined
- Grade appears to increase at depth
- Historic drill results under-report copper content
- Active drill program underway
- \* Northeast Extension
  - Possible skarn deposit with copper-zinc-silver present
  - Drill program underway to define resource



# Toromocho Project Timetable

12/31/04 12/31/05 12/31/06 Drilling - IMC Pit Area **Primary Focus** Secondary Focus **Drilling - Northeast Extension** Secondary Focus **Primary Focus** Assaying IMC Pit **NE Extension** Metallurgical Testing IMC Pit **NE Extension** Prefeasibility / Feasibility Study Water Study Slope Stability Study Tailings Study Social Studies **Environmental Studies** Permitting



# Competitive Strengths

- \* World class undeveloped copper deposit
- \* Significant upside potential
- \*\* Potential low-cost producer
- \* Strong economics & high leverage

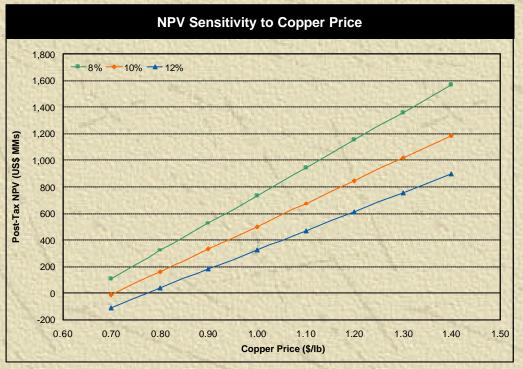


# Value Perspectives



# Overall Project Economics

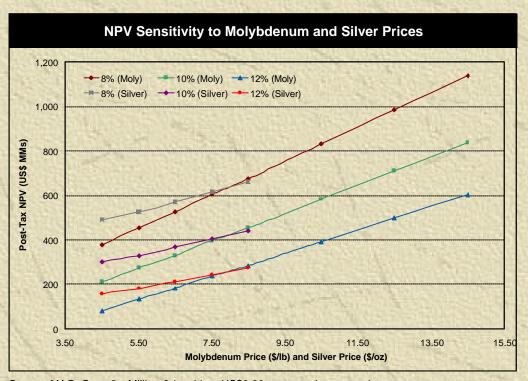
Based on US\$1.00 per pound copper price, Toromocho NPV increases by approximately US\$170 million



Source: MAG. Case 2 - Milling & leaching. US\$6.50/lb molybdenum price and US\$5.50/oz silver price.



# Overall Project Economics



Source: MAG. Case 2 - Milling & leaching. US\$0.90 per pound copper price.

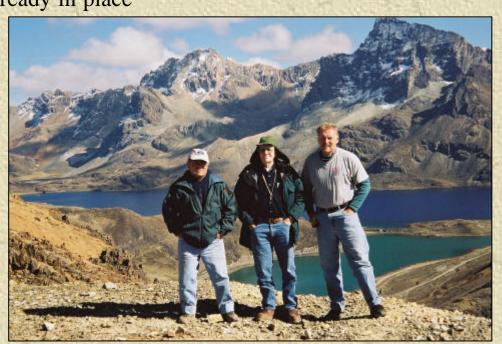


# Summary



# **Project Summary**

- \* 655 million tonnes @ 0.61% total Cu, incl. 293 million tonnes @ 0.80%
  - 8.8 billion Lbs of contained copper
- **IMC** pit open to depth and copper grades appear to increase
- \* NE Extension offers excellent opportunity to add tonnage in copper, silver & zinc
- Outstanding infrastructure already in place
- Advances in hydrometallurgy provide upside in processing Toromocho ore
- Toromocho represents an outstanding undeveloped copper project





# Investment Highlights



- Pre-eminent founders and management team
- **Strong copper market fundamentals**
- World class copper project
- Significant exploration upside potential
- Located in mining friendly district
- Pure play copper investment with significant leverage and an attractive valuation

Toromocho represents the best undeveloped copper project in Peru today



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