

**FCX**

Freeport-  
McMoRan

**Cu**

Copper

**Au**

Gold

*Freeport McMoRan Copper and Gold*

*Exploration, innovation and  
development with the world's  
premier publicly-traded copper  
producer*



FREEPORT-McMoRAN COPPER & GOLD INC.

[www.fcx.com](http://www.fcx.com)

# *Freeport-Phelps Dodge transaction*

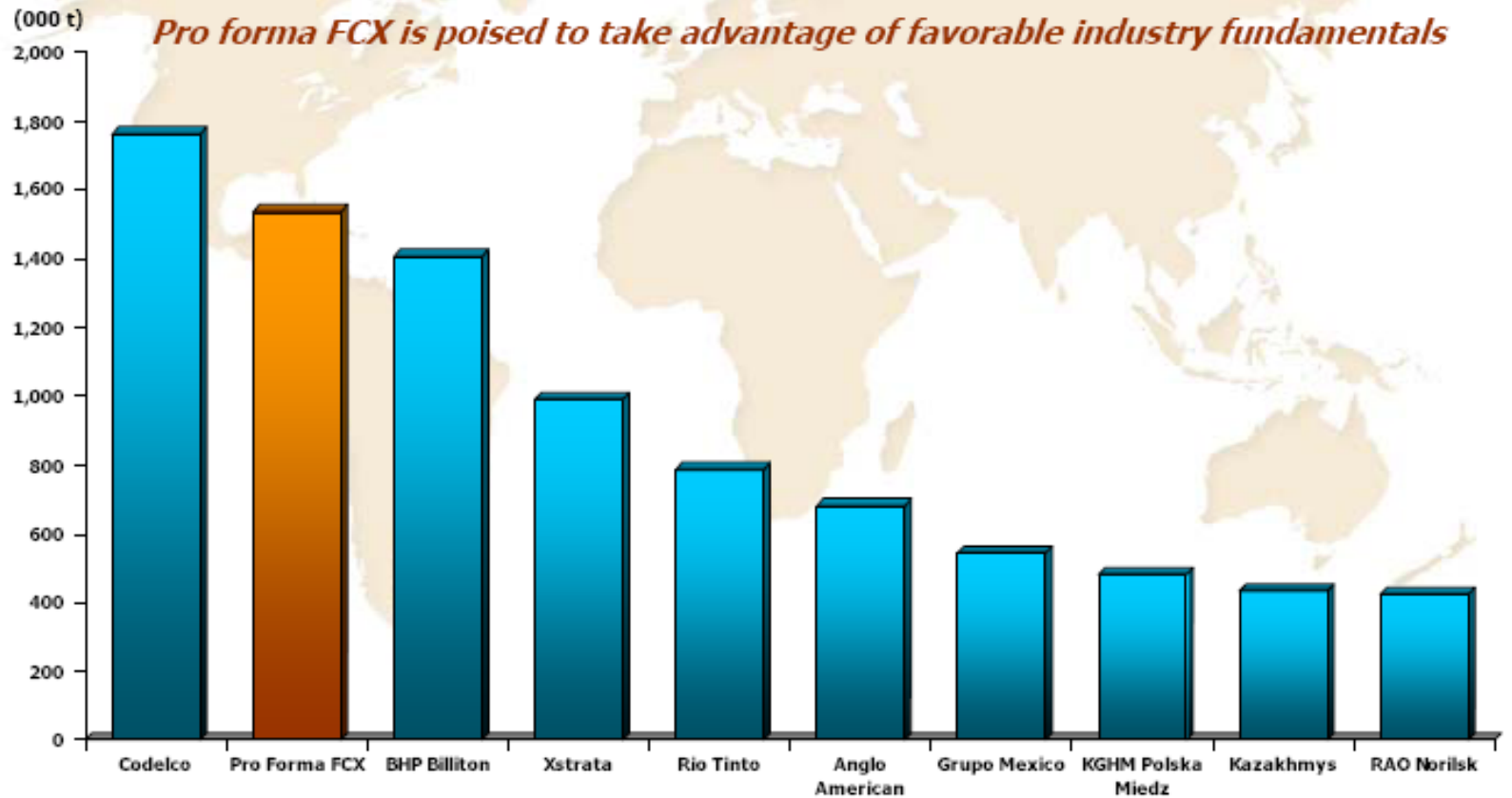
- *Largest acquisition in mining history*
- *Joined two leaders to form unique global Cu, Mo, Au producer*
- *Core value continues:*

***SAFE PRODUCTION***



# World's leading public Cu producer

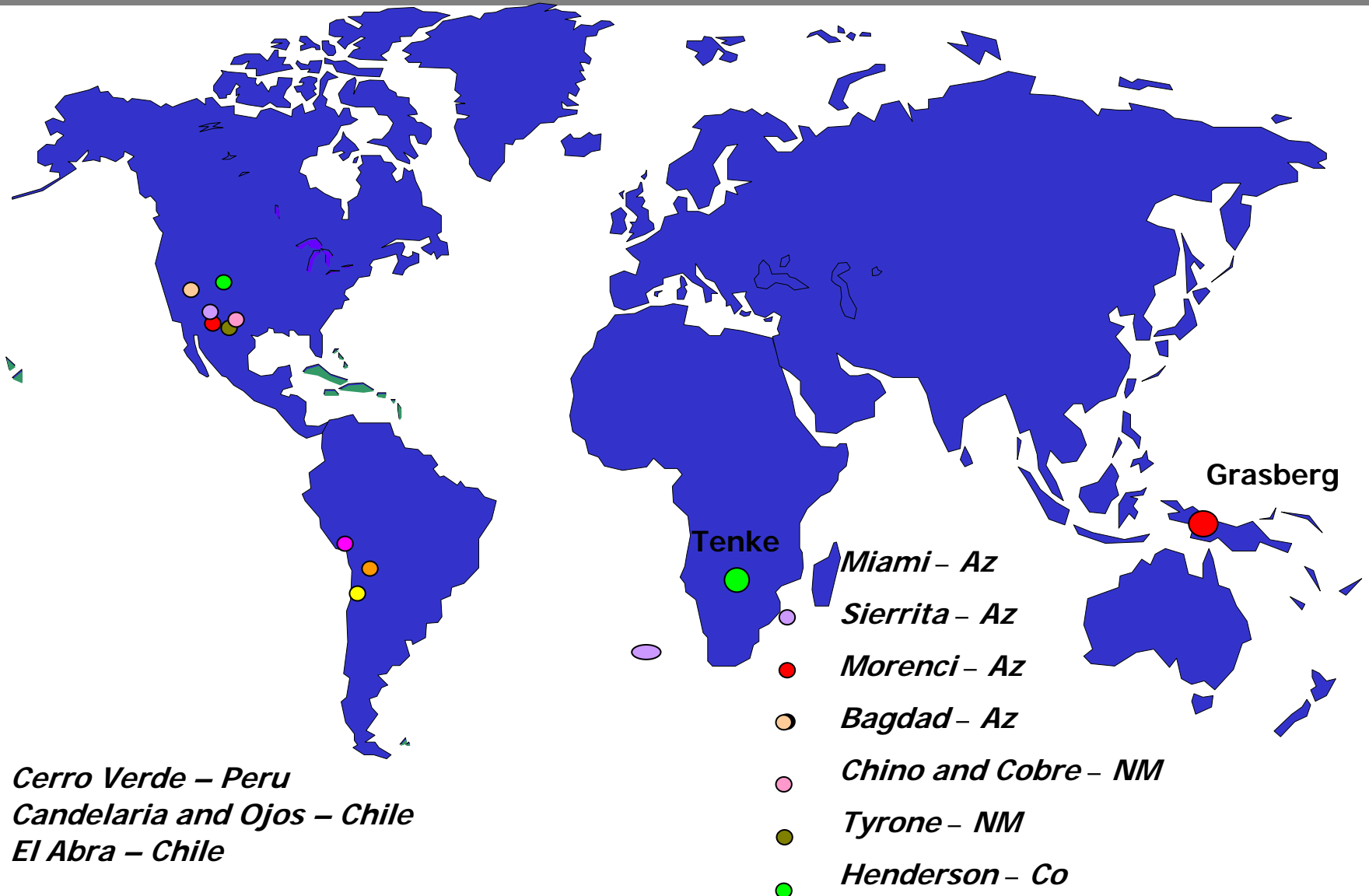
Top 10 Copper Producers (2007E)



Source: Brook Hunt IQ07 Report. Rankings based on net equity ownership.



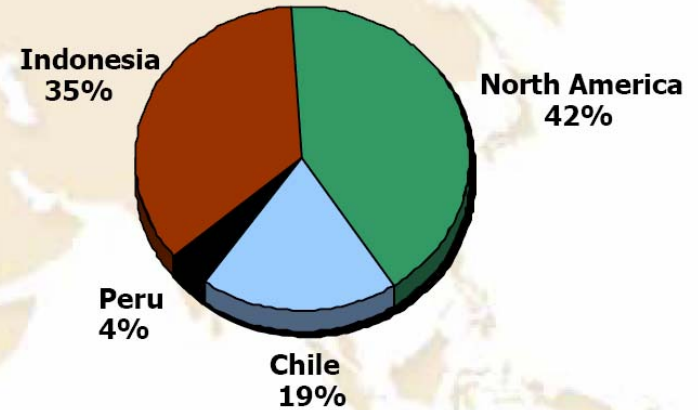
# *Operations and Developments*



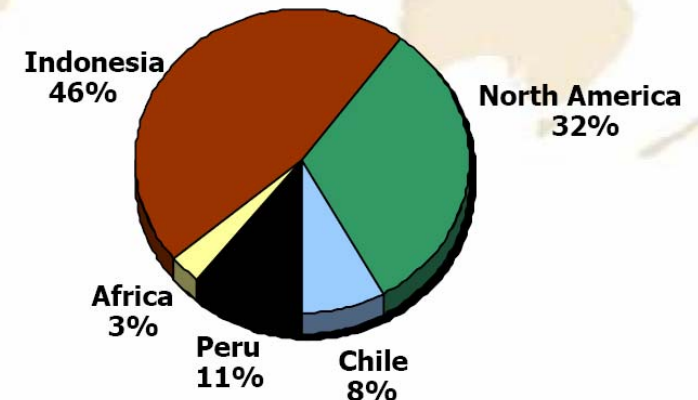
# Geographic diversity of global Cu

- *10 operating mines, three continents*
- *1.6Mt Cu, 31Kt Mo, and 1.9M oz Au produced in 2006*
- *35.1Mt Cu, 38Moz Au, 900Kt Mo in ore reserves*
- *9.9Bt 0.38% Cu in 'mineralized material' – and still looking*
- *World's largest molybdenum chemical producer*

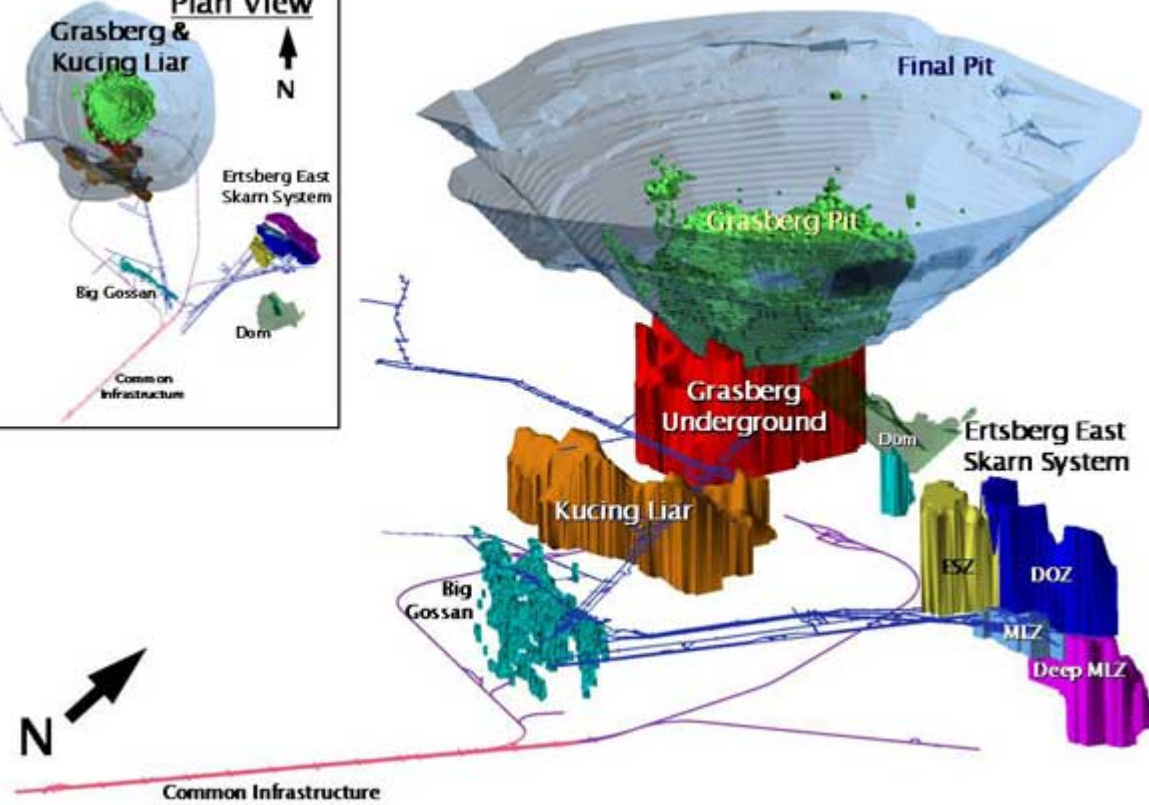
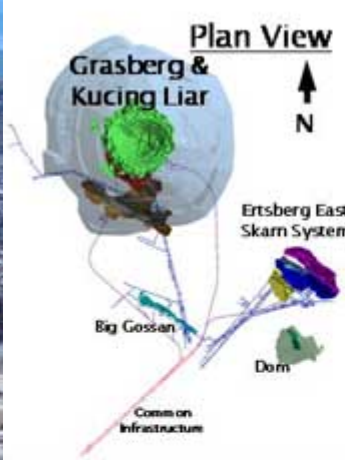
**2006 Copper Production by Geography**



**2006 Copper Reserves by Geography**



# Grasberg: unique deposit, combined mining operations

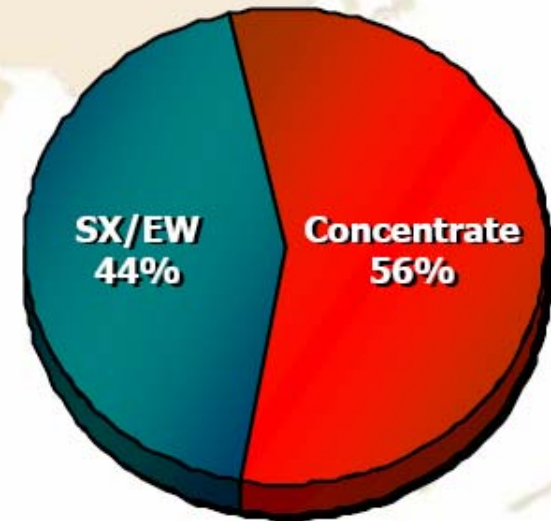


# *Technology applied to safe production*

## *FCX is a World Leader*

- *Open Pit Mining*
- *SX/EW Production Technology*
- *Block Cave Underground Mining*
- *Copper Concentrate Leaching*

## *Copper Production by Method*



*2006 Pro Forma*

*Leader in Safety & Environmental Excellence*

# Concentrate Leach Technology

*Primary sulfide ores*

Mine

*Secondary sulfide and oxide ores*

Flotation

Concentrate Leaching

Leaching

Smelting

SX

Refining

EW

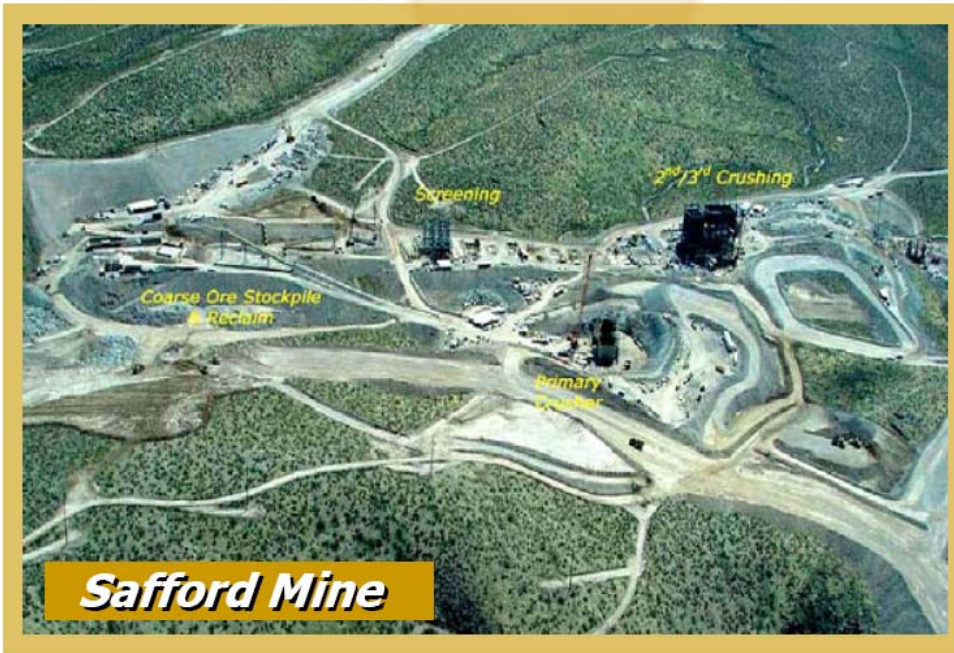


# *Cu recovery research: application and expansion*

- Start-up of concentrate leach plant in 3<sup>rd</sup> quarter 2007
- ~\$250 million project
- Adds 52Kt/year Cu
- Allows local production of acid for leaching, and low-cost processing of sulfide ore



# *Developments U.S. - Safford mine*



- USA's first major new Cu mine
- SX/EW Facility scheduled for early 2008
- 110,000t per year Cu
- ~\$580 million project
- entirely SXEW

# *Developments – South America*

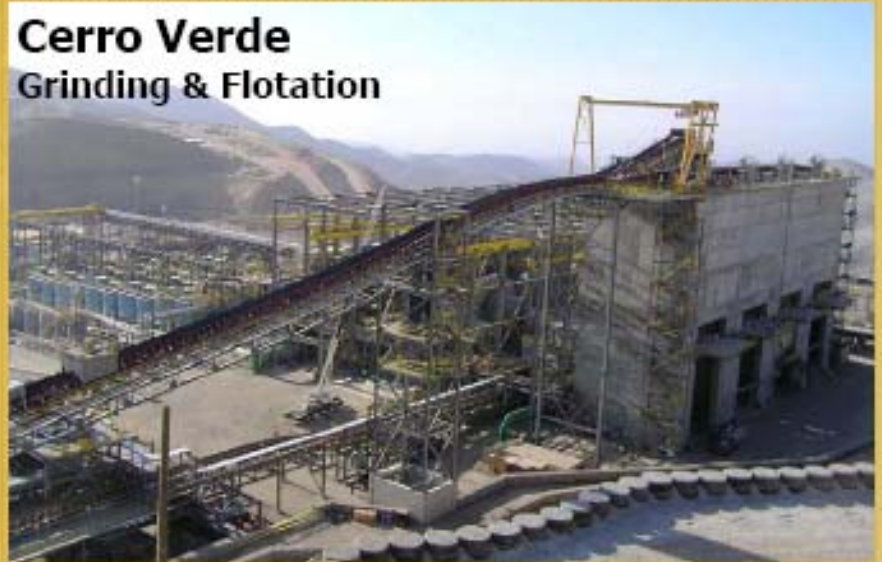
## **Cerro Verde Sulfide Mill Expansion**

- ~\$900MM Project Completed in 4Q06
- Working Through Start-up Issues
- Ramping Up in 2Q
- Full Rates Expected in 2H07
- Adds 430MM lbs/Year Aggregate

## **El Abra Sulfide**

- Large Sulfide Mineral Deposit Underlying Current Oxide Pit
- Environmental Impact Study Submitted to Chilean Government
- Project Extends Mine Life Through 2021
- Adds 325MM lbs Copper/Year Aggregate
- ~ \$350MM Project

**Cerro Verde**  
Grinding & Flotation



*NOTE: FCX has a 53.6% ownership interest in Cerro Verde and a 51% interest in El Abra*

# *Developments - Indonesia*

## ➤ **DOZ Expansions**

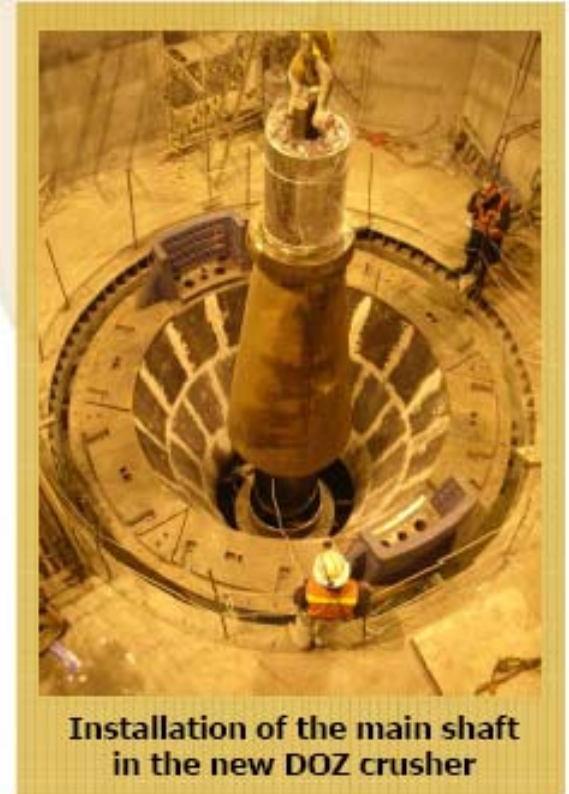
- Complete 50K Expansion in mid-2007
- Further Expansion to 80K

## ➤ **Completed 73% of Common Infrastructure Tunnels**

## ➤ **Initiate Mine Development Activities at Grasberg Block Cave in 2H07**

## ➤ **Mill Optimizations (HPGRs)**

## ➤ **Big Gossan to Reach Full Rates by Year-end 2010**



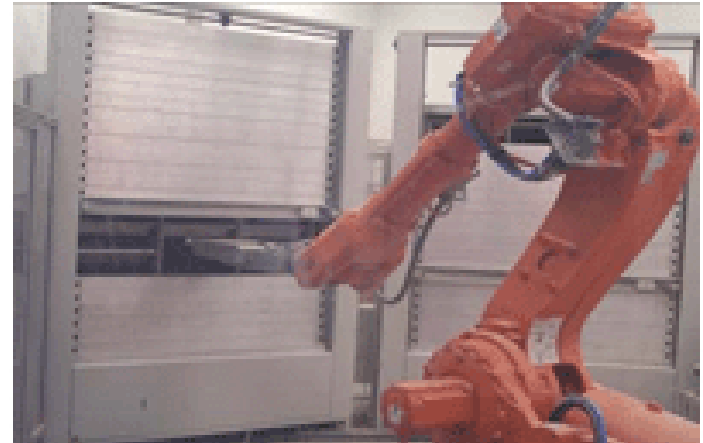
# *Tenke Fungurume: acquisition to development*

- Final feasibility 2006
- Initial construction in process
- Completed environmental, social impact statements
- \$650 million capital cost
- Production early 2009
- ~ 113,000t per year Cu
- Reserves 100Mt 2.1% Cu 0.3% Co
- SXEW only (initial mine plan)



# *'North America One Mine' system*

- Consolidates 7 mines into 'one' operation
- Maximum utilization: equipment, technology transfer, personnel
- Central automated analytical laboratory



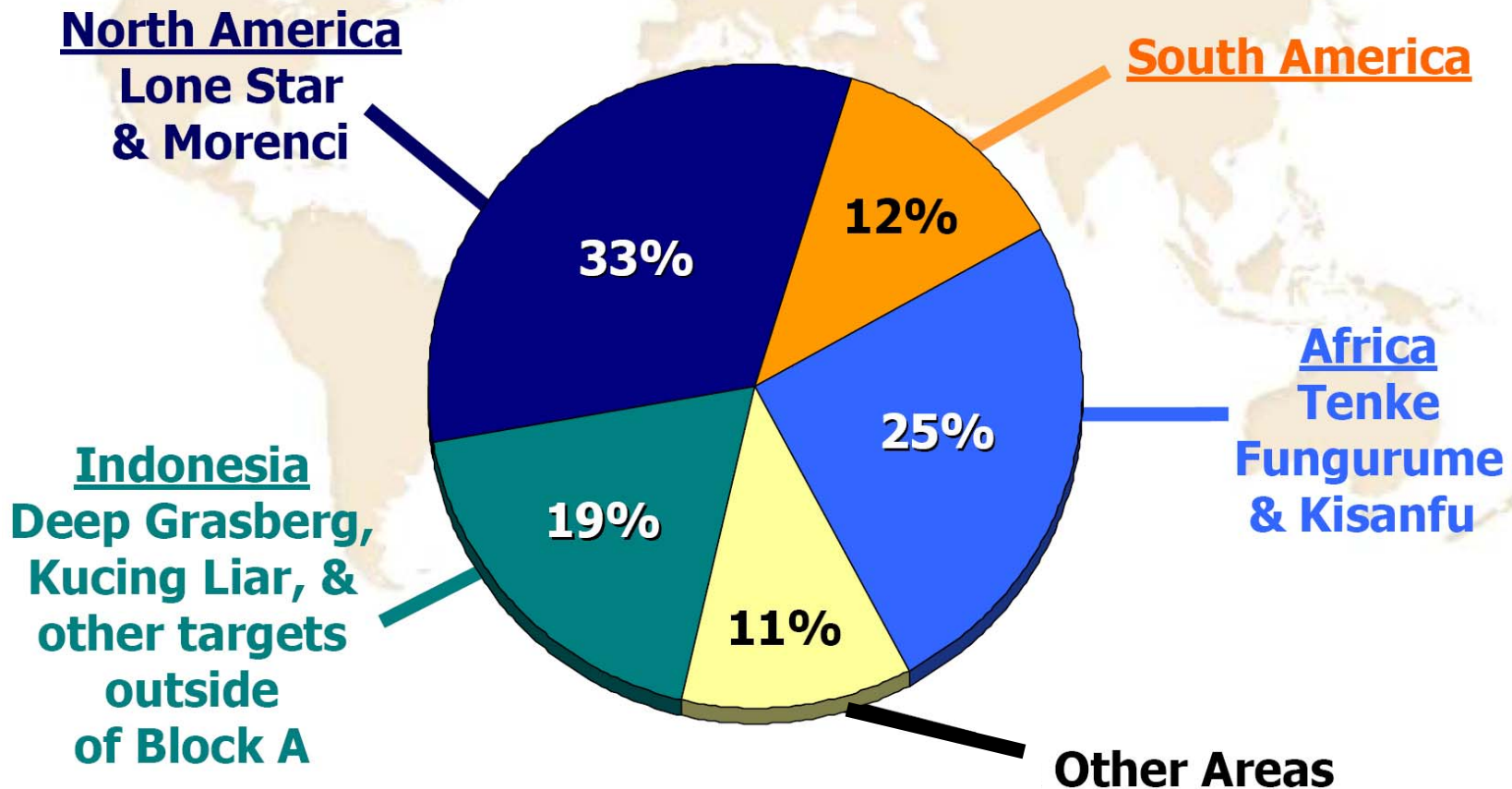
One of the advanced material handling robots at work at the Central Analytical Service Center.



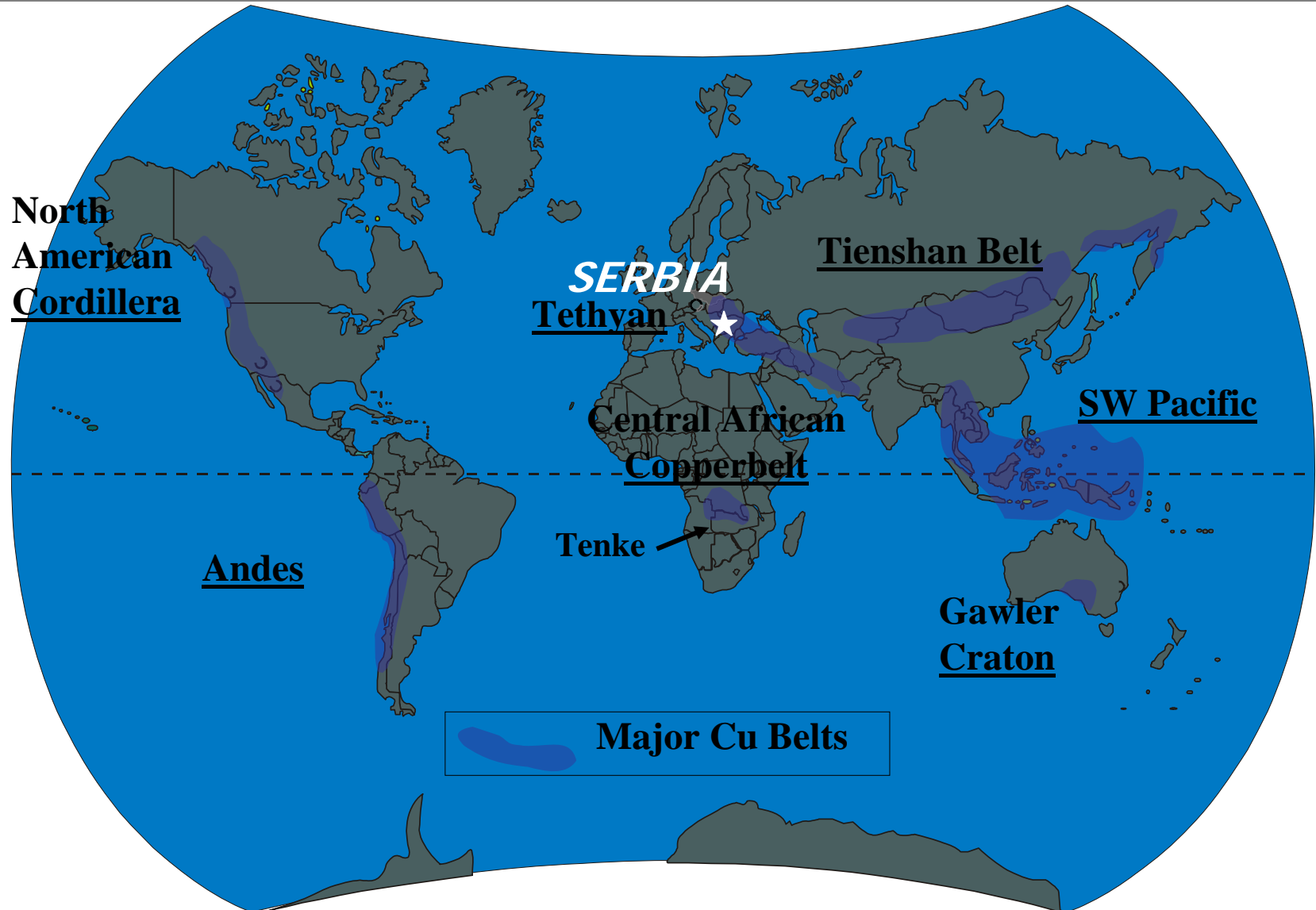
Mark Palmer, research intern, uses an induction furnace to melt samples of copper cathodes to prepare them for analysis.

# Freeport: 'exploration drives the mine plan'

2007 Exploration: ~\$125 million



# *Freeport exploration worldwide*





## *Our Values*

- *Working safely*
- *Doing what's right*
- *Trust and confidence in employees, organization: building a team*
- *'Quest for Zero'*
  - *zero mishaps*
  - *zero production variances*
  - *zero environmental mishaps*
  - *'beyond zero'*



# *Global career growth opportunities*

- *Entry-level to Management-Level Positions*
  - *Mining Engineering*
  - *Metallurgy & Chemical Engineering*
  - *Exploration & Geology*
  - *Civil, Electrical and Mechanical Engineering*
  - *Global Supply Chain*
  - *Accounting & Finance*
  - *Industrial Professionals*



# *International Career Opportunities*

- *Professional positions available for experienced alumni from the top mining universities in the world*
  - Canada
  - Chile
  - Peru
  - Africa
  - Indonesia
  - China
  - Spain
  - Great Britain
  - Australia



## *Visa sponsorship for US-based positions*

- *H1B (limited cap per year) – available to most international professionals*
- *F1 OPT - Foreign students with recent degrees from US universities*
- *Other visas - passport holders from*
  - *TN - Canada*
  - *TN - Mexico*
  - *E3 - Australia*
  - *H1B Limited - Chile*
  - *H1B Limited - Singapore*



## *University recruiting*

- *In 2007, we hired 35+ new graduates in:*
  - *Mining/Geological Engineering*
  - *Metallurgical & Materials Engineering*
  - *Geosciences/Geology*
  - *Mechanical Engineering*
  - *Chemical Engineering*
  - *Business Management*
  - *Accounting*

# *Interns from North American Universities*

- *Over 160 summer interns from:*
  - *University of Arizona*
  - *Colorado School of Mines*
  - *University of Missouri – Rolla*
  - *South Dakota School of Mines*
  - *Michigan Tech*
  - *University of Michigan*
  - *New Mexico Tech*
  - *Montana Tech*
  - *University of Texas – El Paso*
  - *Virginia Tech*
  - *Arizona State University*
  - *University of British Columbia*
  - *Queen’s University*



# *Intern Programs*

- *Intern housing*
- *Visa Sponsorship*
- *'Job Shadow' Day*
- *Intern Mine Tour*
- *Intern Appreciation Weekend*





# *Winter Interns*

- *New in 2007*
- *Students from Australia and Chile*
- *Visa Sponsorship*
- *Airfare and Living Expenses*
- *Development Programs and Networking Events*





# ***Benefits for Full-Time Employees***

*(vary by location)*

- ***Affordable Medical coverage (incl. Vision & Dental)***
- ***401k – Company matching***
- ***Pension & Savings plan***
- ***Paid time off***
- ***Flexible spending account***
- ***Disability income protection***
- ***Life insurance***
- ***Group legal plan***
- ***Employee assistance plan (EAP)***
- ***Tuition reimbursement***
- ***National Merit Scholarships: employee children***



## ***Benefits vary by position and location***

- ***Housing***
- ***Vehicle (Runzheimer Program)***
- ***Company provided transportation to job site***
- ***Ongoing career development, education and training (Succession Planning)***
- ***Potential sign-on bonus***
- ***Relocation assistance***



## *Positions at Freeport*

- *Job opportunities and apply on-line*
  - [www.fcx.com](http://www.fcx.com)
  - [www.phelpsdodge.com/jobopportunities](http://www.phelpsdodge.com/jobopportunities)
- *Internship and coop programs, please contact:*
  - *Rosanna Watson*
    - *Phone: ++001-602-366-7809*
    - *E-mail: [rosanna\\_watson@fmi.com](mailto:rosanna_watson@fmi.com)*